

Sound and Light Product Guide 2024

Solutions for domestic, commercial and professional installations

















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WELCOME | ABOUT US

Welcome

Welcome to the AVSL Sound and Light Product Guide.

Leading the UK sound, light and electronics marketplace for 25 years, we have a wide portfolio of audio solutions centred around our featured brands Adastra and Citronic, both synonymous with the audio industry for over 70 years.

We offer a vast range of speakers, amplifiers, media players and accessories to fulfil most types of sound installations, including hotels, gyms, bars, places of worship, offices and warehouses, and for the ultimate party experience our QTX Effects Machines cater for both commercial and domestic spaces. As the AV sector grows, so has our portfolio making us ideally placed to offer the product range and support you need to grow your business. All of our products are available from our premises in Manchester, or you can have them delivered next working day absolutely free*.

*Orders must be for £100 or more, and placed before 2:00pm. Terms and conditions apply.





Sounds for Spaces

Adastra is an iconic name in commercial public address systems, with a reputation built over 70 years.

The collection of professional quality products covers complete indoor and outdoor installations, and includes audio sources, mixers, signal processors, loudspeakers and a wealth of accessories. The range continues to evolve, delivering modern products to meet and pre-empt the ever-advancing needs of the commercial PA market.





DJ and Pro Audio

Famed for its pioneering DJ equipment, Citronic has evolved to be a revered name in the world of pro audio.

Today the range covers all the elements required for professional sound installations, including everything from audio sources to loudspeakers. Citronic's extensive offering is perfect for installers, retailers, hire companies and mobile DJs alike.





Sound and Light

The QTX collection of professional effects machine solutions has all you need for a successful event.

Ideal for clubs, bars, schools and theatres, the comprehensive product selection covers everything the market demands - from domestic parties to cutting-edge effects for installation use.

The range includes equipment ideal for entry-level and compact set-ups.

AVSL Group also offer a wide selection of consumer electronics including tool kit essentials, multimedia home installations, lighting and musical instruments. Browse through our extensive range online at www.avsl.com.



AV:Link offers high quality AV equipment and accessories for professional and home use, from headphones, couplers and adaptors, to surround sound speakers, amplifiers and multimedia install products.



Lyyt offers a comprehensive range of lighting products for the domestic, commercial and installation markets, including an extensive suite of LED-based systems, that blend quality, function and value.



Chord offers everything for musicians, from guitars, percussion and other instruments, to amps, stands, cases, tuners, metronomes and more. For quality and affordability in harmony, look no further.

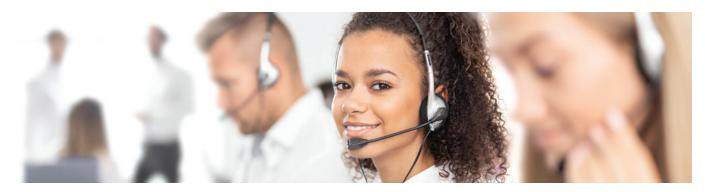


Hardware Makers Since 1973

Founded over 50 years ago, Mercury has diversified from aerials and telecommunications into quality consumer electronics, such as tools, testers, power adaptors, torches, bike accessories and more.



Ordering is easy...



Ordering with us has never been simpler.
So, whether you do it online, by phone or email, our friendly team are ready to assist with your orders and answer any other questions you might have.

How to place an order

Online: www.avsl.com Phone: 0161 749 8180 Email: sales@avslgroup.com

Next day delivery

All orders received before 2:00pm Mon-Fri are dispatched for delivery the next working day before 6:00pm Mon-Fri to UK addresses. Dropship orders received before 3:00pm Mon-Fri are dispatched for delivery the next working day before 6:00pm Mon-Fri to UK addresses (excludes deliveries to Remote Areas - see below for more).

Free delivery

We offer free delivery to all our customers for orders of £100 ex VAT of in stock goods or more, with the following exceptions:

Remote Areas - the following postcodes are deemed to be remote by our carriers and will normally receive a 48 hour service: AB, BT, DG, FK, HS, IV, JE, KA, ML, PA, PH, SY, TD, TR, and Republic of Ireland.

Channel Islands & outlying islands including the Isle of Wight, Isle of Man, Shetland, the Orkneys & the Western Isles - Orders to these destinations are not supplied on a carriage paid basis, customers from these areas will be required to make their own transport arrangements. Alternatively, please call our sales department who will be happy to quote you for delivery.

Northern Ireland – Carriage paid orders is £250 plus, ex stock (excluding VAT) or £22 small order charge applies to any orders below £250

Southern Ireland – Carriage paid orders is £500 plus, ex stock or £25 small order charge applies to any orders below £500. All consignments are subject to a £72 customs clearance charge plus customs fees.

Back orders

Unless you inform us otherwise, any items that cannot be immediately supplied will be placed on back order.

All back orders are automatically fulfilled as soon as stock is received in our warehouse, unless you have advised us otherwise.

Small order charge

We operate a minimum order value of £100 (ex vat). Orders under £100 will incur a small order charge of £10. This charge is to cover the extra handling that small orders require in our warehouse and dispatch departments.

Third party deliveries

Third party deliveries may be accepted following an emailed confirmation of the correct delivery address.

This must be a full address including the postcode, a contact name at the address and a telephone number.

Orders over £100 (excluding VAT) delivered to UK Mainland are delivered free, any order under this value will incur £10 carriage charge. Third party deliveries to Remote Areas, Northern Ireland and Republic of Ireland are subject to the delivery charges advised above. You must ensure that there is someone authorised to sign for the goods as 3rd party delivery addresses are often occupied by many individuals.

Timed deliveries

Timed deliveries will be subject to an additional charge, which will be communicated before the order is dispatched.

Pre 12:00pm delivery - £15 carriage charge

Pre 10:00am delivery - £20 carriage charge

Pre 9:00am and Saturday untimed delivery - £25 carriage charge

Large volume orders

Large cubic volume orders that are unsuitable for carton based delivery will be dispatched on a 24-48 hour pallet service with an additional surcharge applied should a tail-lift vehicle with pallet truck be required.

We must also be informed if the delivery address has access issues or any other factors that may prevent a successful delivery.

Some products may be subject to additional carriage charges. This service is only available to official UK business addresses. We regret that we are unable to deliver to domestic or residential addresses.



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Shortages

Please check the contents of your delivery as soon as it arrives. In addition check the seals on the parcels and the number of cartons. Any shortages must be reported to the sales office within 72 hours of receiving the consignment.

AVSL Group will not be responsible for any shortages reported after this time.

Warranty and spares

AVSL Group offers a 12 month warranty on all goods sold. This warranty period starts from the date of the AVSL Group invoice for the goods.

For those of you who wish to undertake your own repairs, we maintain a small selection of competitively priced spare parts and reconditioned components or the majority of products sold.

We must point out that due to the changing nature of the product we cannot guarantee availability on our complete range.

Returns

In the event that you have a faulty product within the warranty period, our simple returns process is as follows;

Fully complete the required fields on the Returns Request Form. This form is available to download via your online account within the support section.

Email the Returns Request Form to returns@avslgroup.com

Within one working day we will review and check the details of your request. We will then arrange collection within 28 days and email the returns request form back to you with your returns authorisation number.

Please print and include this form when you send the goods back. All goods must be well packaged and include any accessories that came with the original product.

You are responsible for returning goods to AVSL Group at your own expense and for providing proof of delivery. Goods returned without authorisation will be credited less a handling charge of 25% of the total value. The processing of these returns may also be delayed.

Order queries

If you have any queries regarding your delivery call our sales office on 0161 749 8180.

A full copy of our terms and conditions can be viewed online at: www.avsl.com/about/article/terms-and-

Making a payment

Personal/Business Cheque

Cheques should be made payable to 'AVSL Group Ltd' and posted to our usual address (AVSL Group Ltd, Unit 2, Bridgewater Park, Taylor Road, Trafford Park, Manchester M41 7JQ).

Credit/Debit Card

We can accept the following cards:









Bank Transfer

You can transfer money directly in to our bank account using BACS payment.

Our bank details are as follows:

HSBC plc

Sort code: 40 61 35 Account number: 0021 9789

When making your payment please quote your account name as reference and please send confirmation email to accounts@avslgroup.com

Invoicing

It is company policy to send invoices by email only. The advantages of sending our invoices to you this way are:

- · No more invoices lost in the post
- · Invoices will be sent early the following working day enabling immediate access to your prices
- · Invoices will be sent straight to the correct person or department for instant processing and checking

Please remember to inform us if any of your details change in order for us to continue sending your invoices correctly.

You can also view your invoices and manage your back orders online by logging in to the customer area of the AVSL Group website www.avsl.com



HOW TO APPLY FOR AN **ACCOUNT**

Applying for a trade account with AVSL Group has never been easier.

Get access to all product information and prices, details on upcoming promotions plus an exclusive look at all the new items due for arrival.

To begin the process, please contact our sales team on

0161 749 8180



ACCOUNTS DFPARTMENT

Our accounts team are available to take your call from 9.00am - 5.00pm (Monday to Friday).

0161 749 8180

Select Option 2

You can also contact them via Email: accounts@avslgroup.com





CUBA SERIES ACTIVE FULL-RANGE PA CABINETS WITH DSP + BLUETOOTH

Premium full-range active speaker cabinets with minimalist texture coated MDF enclosure and powder-coated steel grille.

Integral high-efficiency class-D amplifier sections are controlled by a 5-preset DSP which controls high detail and can extend the response down to sub-frequencies for an uncompromising full-range output.

A switchable Mic/line input and a line input have XLR or jack input, the line input also has RCA option and a Bluetooth receiver for wireless playback from a smart phone. Designed to provide clean, high-energy output across the full audio spectrum for all sound reinforcement applications.



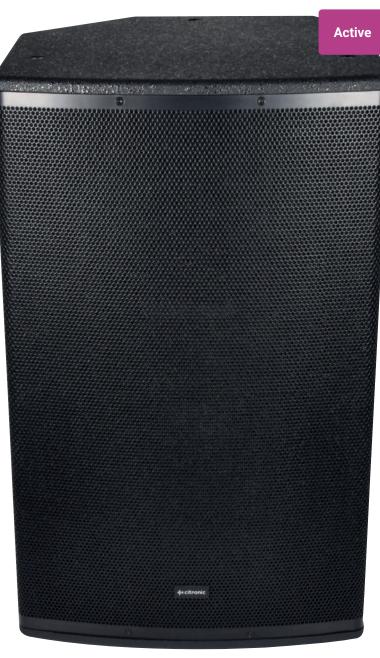
Full-range output for installed foreground and perimeter sound,

or as mid-top cabinets with subwoofers for higher power stacks for concerts,

lightweight class-D

5 profile **DSP** section

High power full-range output



Product shown: 178.715UK

Bluetooth°

Power supply. 230Vac, 50Hz (IEC) DSP settings Normal, DJ. Voice, Live, Flat Mic/line (XLR/jack), Line (RCA/XLR/jack), Bluetooth Inputs Line output. Construction Polyurea coated MDF + powder-coated steel grille

Stock Code	178.708UK	178.710UK	178.712UK	178.715UK	178.740UK
Colour	Black	Black	Black	Black	White
Main driver	200mmØ (8")	250mmØ (10")	300mmØ (12")	380mmØ (15")	250mmØ (10")
Voice coil	50mmØ (2")	50mmØ (2")	64mmØ (2.5")	64mmØ (2.5")	50mmØ (2")
HF driver	35mmØ (1.35") Ti CD	35mmØ (1.35") Ti CD	35mmØ (1.35") Ti CD	44mmØ (1.75") Ti CD	35mmØ (1.35") Ti CD
Output power : rms	250W	270W	400W	450W	270W
Output power : max.	500W	540W	800W	490W	540W
Frequency response	60Hz-20kHZ	60Hz-20kHZ	45Hz-20kHZ	45Hz-20kHZ	60Hz-20kHZ
Sensitivity	95dB	95dB	98dB	99dB	95dB
Max. SPL	121.0dB	122.5dB	123.0dB	124.0dB	122.5dB
Dimensions	435 x 265 x 265mm	507 x 313 x 307mm	625 x 385 x 380mm	708 x 434 x 430mm	507 x 313 x 307mm
Weight	10.7kg	16.2kg	19.2kg	24.7kg	16.2kg

Ideal uses

events and systems hire.

de citronic

CUBA SERIES PASSIVE FULL-RANGE PA CABINETS

Premium full-range passive speaker cabinets with a polyurea coated wooden enclosure and powder-coated steel grille.

A high power-handling main driver and efficient titanium diaphragm HF compression driver combine with the tuned enclosure to deliver a balanced output of all frequencies.

The rear panel has 2 parallel inputs for Speakon connection, also enabling linking onto additional speakers. Each cabinet has 2 side handles and a 35mm pole-mount socket for stand mounting.

Recommended for use with Citronic PLX, D and H-series amplifiers for a wide range of professional high power sound reinforcement situations.

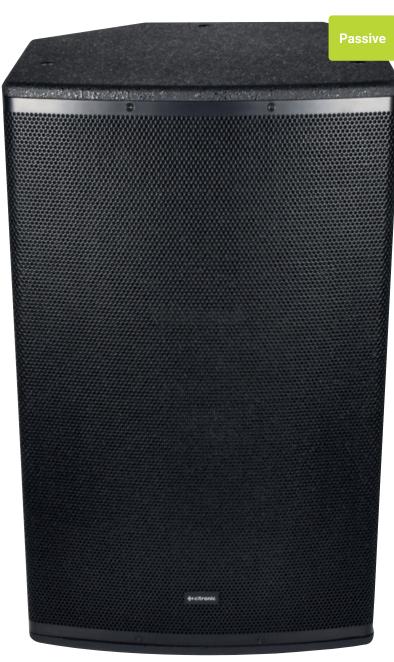


Hard-wearing polyurea cabinet coating

CUBA-8 & CUBA-10 supplied with a U-bracket

35mm pole mount socket and M8 flying points

Custom designed high power LF and HF drivers



Product shown: 178.716UK

Ideal uses

Passive mobile or fixed installation foreground and perimeter sound, or as mid-top cabinets with subwoofers for higher power stacks for concerts, events and systems hire.

Stock Code	178.709UK	178.711UK	178.713UK	178.716UK	178.739UK	178.741UK
Colour	Black	Black	Black	Black	White	White
Main driver	200mmØ (8")	250mmØ (10")	300mmØ (12")	380mmØ (15")	200mmØ (8")	250mmØ (10")
Voice coil	50mmØ (2")	50mmØ (2")	64mmØ (2.5")	64mmØ (2.5")	50mmØ (2")	50mmØ (2")
HF driver	35mmØ (1.35") Ti CD	35mmØ (1.35") Ti CD	35mmØ (1.35") Ti CD	44mmØ (1.75") Ti CD	35mmØ (1.35") Ti CD	35mmØ (1.35") Ti CD
Power handling : rms	250W	270W	400W	450W	250W	270W
Power handling : max.	500W	540W	800W	490W	500W	540W
Frequency response	60Hz-20kHZ	60Hz-20kHZ	45Hz-20kHZ	45Hz-20kHZ	60Hz-20kHZ	60Hz-20kHZ
Sensitivity	95dB	95dB	98dB	99dB	95dB	95dB
Max. SPL	121.0dB	122.5dB	123.0dB	124.0dB	121.0dB	122.5dB
Dimensions	435 x 265 x 265mm	507 x 313 x 307mm	625 x 385 x 380mm	708 x 434 x 430mm	435 x 265 x 265mm	507 x 313 x 307mm
Weight	10.0kg	12.5kg	18.0kg	23.5kg	10.0kg	12.5kg



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CS SERIES WOODEN INSTALLATION SPEAKERS

Passive

Passive speaker cabinets with smooth and even frequency response for accurate delivery of music and vocal material.

Birch plywood cabinets with polyurethane texture coated finish and acoustic foam backed steel grilles. Fitted with steel U brackets and mounting hardware for convenient and neat installation. Understated minimalist design with premium quality performance.

compression

- Premium birch plywood construction
- Balanced full-range sound reproduction
- · Supplied with adjustable U-brackets
- CS-610 and CS-810 VESA mount compatible
- 35mm pole mount socket



Ideal uses

High sound quality fixed installation in public halls and entertainment venues.

Impedance. Housing material Birch Plywood

Rear view: 178.671UK



Free next working day delivery service for orders of £100 or over.

Orders must be placed before 2.00pm. Terms and conditions apply.







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CLARA SERIES HIGH POWER ACTIVE MOULDED CABINETS



High power

class-D

bi-amplifier

Active sound-reinforcement speakers with polypropylene enclosures and built-in class-D amplifier modules. Each cabinet is equipped with an extended frequency main driver and a titanium compression driver for optimum clarity.

Power from the internal bi-amplifier is controlled from an internal DSP section, offering pre-set profiles with crossover, EQ and dynamics processing to suit the program material. Custom settings can be created via the onboard rotary encoder and backlit display, or by connecting the CLARA unit to a PC or laptop via USB and editing using the free-to-download ADU software application.

Maximum sound impact from a lightweight and easy to manage cabinet.

- DSP speaker management with editing software
- · Bluetooth connectivity
- · High impact PP cabinet with side & top handles
- 35mm pole mount socket







400W

CLARA-15A

Rear panel: 178.155UK

Stock Code	178.152UK	178.155UK
Model	CLARA-12A	CLARA-15A
Frequency response	50Hz-19kHz	45Hz-19kHz
LF driver	300mmØ (12") woofer	380mmØ (15") woofer
Voice coil	63mmØ (2.5") LF driver	63mmØ (2.5") LF driver
HF driver	34mmØ (1.35") Ti comp. driver	44mmØ (1.75") Ti comp. driver
Output power : rms	350 + 50W (LF + HF)	400 + 70W (LF + HF)
Output power : max.	800W	1000W
SPL max.	125dB	126dB
Dimensions	610 x 380 x 350mm	710 x 435 x 385mm
Weight	16.5kg	20.5kg

Ideal uses

High power sound reinforcement for stage performances, theatres and conference venues.

Power supply	90-254Vac, 50/60Hz (IEC)
Amplifier: construction	Class-D bi-amplifier with DSP
Audio source	
DSP settings	Normal, Jazz, Pop, Classical, Custom
Line output	XLR
Flying points	3 x M8 for vertical suspension

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MONOLITH MK3 ACTIVE SUB + COLUMN ARRAY

Monolith is an active subwoofer with inbuilt USB/SD player and Bluetooth, powering a pole-mounted satellite column speaker to provide a convenient full-range PA set.

This 3rd generation of the Monolith is driven from an efficient 400+100Wrms class-D amplifier section with bespoke DSP control, delivering powerful sub frequencies, punchy mids and sparkling highs. Supplied with a height adjustable 35mm pole and SPK link lead, each set can be used independently as a mono stack or in pairs or multiples for stereo and larger PA setups.

The modular nature of this set makes it perfect for solo performers, DJ setups and conferences amongst many other applications.

- · Inbuilt USB/SD audio player
- Bluetooth connectivity
- Heavy duty wooden cabinets with Polyurea finish





Stock Code	171.237UK
Model	Monolith mk3
Power supply	230Vac, 50Hz
Fuse	T3.15AL 250V (5 x 20mm)
Construction	15mm MDF with texture polyurea coating
Output power : rms	400W + 100W
Output power : max.	1000W
Audio source	Internal USB/SD/BT player
Input	Switchable Mic (XLR/Jack) or Line (Jack/RCA)
Controls	Gain, Sub-woofer level, Sub Boost switch, Mic/Line switch
Outputs	Speaker out (SPK) to column, Line out (XLR)
Sub driver	1 x 300mmØ (12")
Column drivers	4 x 100mmØ (4") Ferrite, 1 x 25mmØ (1") Neodymium
Sensitivity	103dB
Frequency response	35Hz - 20kHz





Ideal uses

A neat modular sound system for presentations, conferences, quiz nights and special events. The inbuilt media player adds further flexibility for backing tracks or background music.

Dimensions: sub cabinet	30 x 450 x 380mm
Weight: sub cabinet	20.0kg
Dimensions: column	30 x 140 x 115mm
Weight: column	5.6kg





housed in a compact and lightweight moulded PP enclosure.

Custom designed low and high frequency drivers are powered by a digital amplifier circuit for powerful and energy-efficient performance. A switchable Mic/Line input and separate Line input are provided along with a Bluetooth receiver for playback from a smart phone or tablet. The BT section also has a link function which allows wireless connection to another CAB series speaker to form a stereo pair (Bluetooth signal only). Maximum sound output with minimal size, weight and setup time.

- · Bluetooth receiver with stereo link capability
- Digital amplifier for lightweight and efficient performance
- 2 inputs with separate volume control
- 35mm pole mount



Ideal uses

DJ and entertainer sound systems. Full-range output even without subwoofers. General purpose PA in bars and live venues.

Stock Code	178.010UK	178.012UK	178.015UK
Frequency response	58Hz - 19kHz	53Hz - 19kHz	46Hz - 19kHz
Output power : rms	220W	300W	350W
Output power peak	880W	1200W	1400W
Max. SPL	132dB	134dB	134dB
Main driver	250mmØ (10") woofer	300mmØ (12") woofer	380mmØ (15") woofer
Voice Coil	38mmØ (1.5")	50mmØ (2")	60mmØ (2.36")
Crossover frequency	3.2kHz	2.8kHz	2.6kHz
Dimensions	530 x 310 x 300mm	603 x 355 x 350mm	695 x 420 x 390mm
Weight	11.2kg	14.2kg	17.6kg

Rear panel: 178.015UK



Passive

₩ citronic

CAB SERIES PASSIVE CABINETS

Full-range speaker cabinets housed in a compact and lightweight moulded PP enclosure.

Custom designed low frequency woofers are paired with titanium compression drivers for a powerful yet balanced sound delivery.

Each cabinet is fitted with top and side carrying handles and a 35mm pole mount socket.

Connection from an amplifier is via Speakon lead to either of 2 sockets on the rear panel.

Compact, lightweight and yet very capable sound reinforcement cabinets.

• 35mm pole mount

• 2 x SPK sockets

Ideal uses

Mobile 2/4 speaker PA setups. Front of house for medium sized venues or perimeter sound in larger installed systems.



Product shown: 178.007UK







Integral top and side carry handles





150W Power RMS

CAB-8

150W Power RMS

220W Power RMS

CAB-12

300W Power RMS

CAB-15



Stock Code	178.007UK	178.009UK	178.011UK	178.013UK	178.016UK
Power handling : rms	150W	150W	220W	300W	350W
LF driver	165mmØ (6.5")	200mmØ (8")	250mmØ (10")	300mmØ (12")	380mmØ (15")
Voice coil	38mmØ (1.50")	38mmØ (1.50")	50mmØ (2.00")	50mmØ (2.00")	60mmØ (2.36")
HF driver	25mmØ (1.00") Ti CD	25mmØ (1.00") Ti CD	35mmØ (1.00") Ti CD	35mmØ (1.00") Ti CD	35mmØ (1.00") Ti CD
Frequency response	72Hz - 19kHz	61Hz - 19kHz	58Hz - 19kHz	53Hz - 19kHz	45Hz - 19kHz
Sensitivity @ 1W/1m	89dB	91dB	93dB	95dB	96dB
SPL max.	108dB	111dB	116dB	119dB	121dB
Crossover frequency	3.5kHz	3.5kHz	3.2kHz	2.8kHz	2.6kHz
Dimensions	362 x 215 x 208mm	485 x 268 x 268mm	530 x 310 x 300mm	603 x 355 x 350mm	695 x 420 x 390mm
Weight	5.2kg	7.0kg	10.0kg	13.2kg	16.6kg



citronic

CASA SERIES ACTIVE PA CABINETS WITH DSP, USB/SD & BLUETOOTH



Active

Versatile full-range active moulded PA cabinets with built-in high efficiency class D amplifier. A DSP controller offers 5 switchable output profiles which are suited to different program material. Inputs are provided on XLR/jack with mic/line level switching and RCA line connectors. A built-in audio module provides playback from USB or SD media and Bluetooth wireless pairing

These cabinets are fully featured for virtually any PA application and pair perfectly with the CASA series sub cabinets for high energy sound reinforcement.

- High efficiency class D bi-amplifier section
- DSP speaker control with 5 selectable profiles
- Inbuilt USB/SD audio player
- 35mm pole mount socket









Integral top

and side carry handles

CASA-8A

CASA-10A

CASA-12A

CASA-15A

Ideal uses

Single speaker presentations and multi-speaker sound systems. Temporary PA setups and entertainment venue installations.

Stock Code	178.108UK	178.110UK	178.112UK	178.115UK
Main driver	200mmØ (8")	250mmØ (10")	300mmØ (12")	380mmØ (15")
Voice coil	50mmØ (2")	50mmØ (2")	63mmØ (2.5")	63mmØ (2.5")
HF driver	25mmØ (1") Ti compression driver	25mmØ (1") Ti compression driver	35mmØ (1.35") Ti compression driver	44mmØ (1.75") Ti compression driver
Output power : rms	200W	220W	280W	350W
Output power : max.	400W	440W	600W	700W
Output power peak	800W	880W	1200W	1400W
Sensitivity	94dB	94dB	96dB	97dB
SPL max.	120.0dB	121.0dB	123.0dB	124.5dB
Frequency response	60Hz - 19kHz	55Hz - 19kHz	50Hz - 20kHz	45Hz - 20kHz
Inputs	XLR/jack mic/line, 6.3mm jack mic/ instrument, L+R RCA line		XLR/jack mic/line, XI	LR/jack/L+R RCA line
Dimensions	435 x 278 x 245mm	500 x 310 x 260mm	610 x 375 x 340mm	705 x 430 x 375mm
Weight	8.71kg	10.27kg	15.98kg	22.00kg

Reverse panel: 178.112ÜK



T 0161 749 8180 E sales@avslgroup.com

d citronic

CASA SERIES PASSIVE CABINETS

Passive

Full-range passive PA cabinets with high-efficiency drivers loaded into a compact impact-resistant moulded cabinet.

Fitted with 2 side handles and a top carrying handle for easy portability and mounting via the integral 35mm pole-mount socket. These cabinets pair perfectly with the CASA series sub cabinets for high energy sound reinforcement.

• Custom high-efficiency drivers



Ideal uses

Passive PA sets paired with amplifiers or active mixers for DJs and entertainers. Live sound multiple cabinet arrays and/or stacked with subwoofers.

Stock Code	178.109UK	178.111UK	178.113UK	178.116UK
Main driver	200mmØ (8")	250mmØ (10")	300mmØ (12")	380mmØ (15")
Voice coil	50mmØ (2")	50mmØ (2")	75mmØ (3")	75mmØ (3")
HF driver	25mmØ (1") Ti compression driver	25mmØ (1") Ti compression driver	35mmØ (1.35") Ti compression driver	44mmØ (1.75") Ti compression driver
Power handling : rms	150W	200W	300W	400W
Power handling : max.	300W	400W	600W	800W
Dimensions	435 x 278 x 245mm	500 x 310 x 260mm	610 x 375 x 340mm	705 x 430 x 375mm
Weight	8.1kg	9.7kg	11.0kg	20.0kg



Reverse panel: 178.113UK





citronic

CASA SERIES ACTIVE SUB CABINETS

Compact and

lightweight design

Lightweight yet powerful active subwoofer units with inbuilt class D amplifiers.

Each cabinet is constructed from 15mm MDF with integral side handles for easy portability and 35mm socket to accommodate a mounting pole.

The high flex sub driver is front-loaded with a protective steel grille to deliver powerful transients and add warmth to any sound system.

The class D amplifier section has stereo line inputs and outputs to allow use either as a mono sub with stereo tops or a matching sub for each top speaker.

Designed as a perfect match for the CASA series speakers and equally at home with other active full range cabinets.

Ideal uses

High energy sound systems with powerful bass for live music, concerts and dance venues



Reverse panel: 178 120UK

Stock Code	178.120UK	178.122UK	178.125UK	178.128UK
Sub driver	250mmØ (10")	300mmØ (12")	380mmØ (15")	450mmØ (18")
Voice coil	50mmØ (2")	62mmØ (2.5")	75mmØ (3")	75mmØ (3")
Output power : rms	300W	400W	500W	600W
Output power : max.	500W	700W	900W	1100W
Peak output	1000W	1400W	1800W	2200W
SPL max.	120.0dB	122.0dB	123.5dB	124.0dB
Frequency response	60 - 150kHz	55 - 150kHz	50 - 150Hz	45 - 150Hz
Dimensions	431 x 407 x 338mm	480 x 450 x 380mm	564 x 540 x 448mm	645 x 605 x 510mm
Weight	16.23kg	18.86kg	25.42kg	34.00kg

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CASA-28BA ACTIVE SUBWOOFER 2 X 8" 400W

Compact slim profile active subwoofer cabinet with internal amplifier for mobile and fixed sound reinforcement.

Preset DSP control accurately filters low frequencies to the class-D amplifier section to drive the twin 8" woofers up to 400Wrms output.

A level control adjusts the output and the gain can be increased by engaging the Boost function.

This sub unit can be postitioned flat to accept a 35mm pole to mount a full-range speaker or upright for a smaller footprint. The compact dimensions also make this a perfect option for hiding behind or underneath furnishings in an installation.

Power supply	230Vac. 50Hz (IFC)
Output power: rms	
Output power: max	700W
Peak output	1400W
Frequency response	55 - 150Hz
SPL max	
Dimensions	
Weight	15.7kg

Stock Code	Description
178.228UK	CASA-28BA Active Sub 400Wrms





Active



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CASA SERIES PASSIVE SUB CABINETS

Passive

Lightweight subwoofer cabinets with minimal footprint and very capable power handling.

Designed as a perfect match for the CASA range of PA cabinets and equally at home as part of any high energy sound reinforcement setup.

- Compact and lightweight design
- 15mm MDF cabinets with hard-wearing paint finish
- 2 x side carry handles
- Low pass filtered or direct input
- 35mm pole mount socket



Ideal uses

Passive PA sets paired with amplifiers or active mixers for DJs and entertainers. Live sound multiple cabinet arrays and/or stacked with subwoofers.



Stock Code	178.121UK	178.123UK	178.126UK	178.129UK
Sub driver	250mmØ (10")	300mmØ (12")	375mmØ (15")	450mmØ (18")
Voice coil	50mmØ (2")	62mmØ (2.5")	75mmØ (3")	75mmØ (3")
Power handling : rms	300W	400W	500W	600W
Power handling : max.	500W	700W	900W	1100W
SPL max.	120.0dB	122.0dB	123.5dB	127.0dB
Frequency response	60 - 2.0kHz	55 - 2.0kHz	50 - 2.0kHz	45 - 1.8kHz
Dimensions	431 x 407 x 338mm	480 x 450 x 380mm	564 x 540 x 448mm	645 x 605 x 510mm
Weight	12kg	14kg	21kg	30kg







300W









500W

CASA-18B



600W





CM-SERIES ACTIVE WEDGE MONITORS WITH BLUETOOTH



Active wedge speaker in a durable, texture coated wooden cabinet with minimal footprint.

The main driver delivers punchy low frequencies with the help of 2 bass ports and a concentric titanium tweeter is mounted within the main driver for perfectly aligned, sparkling high frequencies. An arched powder-coated steel grille provides heavy duty protection from the rigours of stage performances and forms 2 side handle holes for easy portability. Powered from its inbuilt class-D amplifier, each wedge has enough output to deliver clear sound quality in high SPL situations and is even serviceable independently as a compact PA cabinet, thanks to the 35mm pole mount socket and M8 flying points.



Idea	luses
iuca	เนอซอ

Stage monitoring, FRFR speaker for guitar and bass processors, e-drum monitor and backline speaker.

Stock Code	178.690UK	178.692UK	178.695UK
Model	CM10A	CM12A	CM15A
Main driver	250mmØ (10") with concentric tweeter	300mmØ (12") with concentric tweeter	380mmØ (105") with concentric tweeter
Voice coil	50mmØ (2")	75mmØ (2.5")	75mmØ (2.5")
Magnet weight	1.13kg (40oz)	1.50kg (53oz)	1.50kg (53oz)
Output power : rms	250Wrms	300Wrms	350Wrms
Output power : peak	400W	600W	700W
Frequency response	65Hz - 20kHz	55Hz - 20kHz	45Hz - 20kHz
Sensitivity	95dB	96dB	97dB
Dimensions	355 x 350 x 275mm	445 x 410 x 335mm	528 x 504 x 382mm
Weight	9.87kg	12.10kg	15.00kg



Amplifier: construction	Class-D
Impedance	4Ω
HF driver	mmØ (1.75") Ti compression driver
Inputs Mic/Line (XLR/jac	ck), Line (XLR/jack/RCA), Bluetooth
Outputs Headphor	nes (6.35mm jack), Mix out (XLRM)
DSP settings	Normal, DJ. Voice, Live, Flat

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CM-SERIES PASSIVE WEDGE MONITORS

Passive

Passive wedge speaker in a durable, texture coated plywood cabinet with minimal footprint.

The main driver delivers punchy low frequencies with the help of 2 bass ports and a concentric titanium tweeter is mounted within the main driver for perfectly aligned, sparkling high frequencies. An arched powder-coated steel grille provides heavy duty protection from the rigours of stage performances and forms 2 side handle holes for easy portability. A pair of twist-lock SPK connectors are wired in parallel to accept input from an amplifier and enable connection onto a further passive speaker or monitor if required.

The compact size and high power handling means that this is a very capable unit for stage foldback but can equally serve as a compact PA speaker, thanks to its 35mm pole-mount socket and M8 flying points.



Stock Code	178.691UK	178.693UK	178.696UK
Model	CM10	CM12	CM15
Main driver	250mmØ (10")	300mmØ (12")	380mmØ (15")
Voice coil	50mmØ (2")	63mmØ (2.5")	63mmØ (2.5")
Magnet weight	1.13kg (40oz)	1.50kg (53oz)	1.50kg (53oz)
Power handling : rms	250Wrms	300Wrms	350Wrms
Power handling : peak	450W	600W	700W
Frequency response	65Hz - 20kHz	55Hz - 20kHz	45Hz - 20kHz
Sensitivity	95dB	96dB	97dB
Dimensions	355 x 350 x 275mm	445 x 410 x 335mm	528 x 504 x 382mm
Weight	9.87kg	10.80kg	13.30kg



Impedance	8Ω
HF driver	2 x SPK connectors (parallel pins 1±)
Inputs	44mmØ (1.75") titanium driver











OUEST-15A







150W



QUEST ACTIVE PA CABINETS @qtx WITH BLUETOOTH

Active PA cabinets with inbuilt amplifier in a moulded polypropylene enclosure. Inputs for microphone and line level input have independent volume settings, with connection options of jack, XLR, RCA or minijack. An inbuilt audio player with independent volume control can accept USB or SD media with mp3 tracks, or operate as an FM tuner or Bluetooth receiver. Output is governed by Treble and Bass tone controls and can be output via an XLR line output. The internal amplifier also has an output for a passive speaker to make a convenient 2-speaker PA system.

A comprehensive PA option for DJs, stage performers and presentations.

- Inbuilt class-AB amplifier
- · USB/SD media player with FM tuner & Bluetooth
- Durable moulded polypropylene cabinet
- · Fitted with rear wheels for easy portability
- 35mm pole mount socket for stand mounting

Ideal uses

Versatile cabinet for entertainers, quiz masters, karaoke hosts and musicians.

Stock Code	178.510UK	178.512UK	178.515UK
Model	QUEST-10A	QUEST-12A	QUEST-15A
Woofer	250mmØ (10")	300mmØ (12")	380mmØ (15")
Tweeter	25mmØ (1") Ti compression driver	35mmØ (1.35") Ti compression driver	35mmØ (1.35") Ti compression driver
Output power : rms	150W	180W	220W
Output power peak	600W	720W	880W
Sensitivity	94dB	96dB	97dB
Frequency response	55Hz - 19kHz	50Hz - 19kHz	45Hz - 19kHz
Dimensions	460 x 305 x 280mm	590 x 380 x 335mm	680 x 415 x 380mm
Weight	10.2kg	15.2kg	19.0kg



Reverse panel: 178.510UK





Power supply Amplifier: construction... Audio source USB/SD/FM/BT media player

















@qtx QUEST PASSIVE PA CABINETS

2-way PA speaker cabinets with a high-impact moulded polypropylene enclosures. Fitted with a high power main driver and a titanium diaphragm compression driver for high frequencies. Each cabinet has a 35mm pole mount socket, integral side and top handles and trolley wheels for easy portability.

A perfect satellite speaker option for QUEST active cabinets or for other PA systems that need full range sound in a sturdy, roadworthy format.

- · Perfect satellite cabinets for QUEST active speakers
- · Fitted with rear wheels for easy portability
- 35mm pole mount socket for stand mounting
- Twist-lock SPK sockets

Ideal uses

Used with the QUEST active speakers, to become a versatile satellite cabinet for entertainers, quiz masters, karaoke hosts and musicians.

Stock Code	178.511UK	178.513UK	178.516UK
Model	QUEST-10	QUEST-12	QUEST-15
Woofer	250mmØ (10")	300mmØ (12")	380mmØ (15")
Tweeter	25mmØ (1") Ti compression driver	35mmØ (1.35") Ti compression driver	35mmØ (1.35") Ti compression driver
Power handling : rms	180W	200W	220W
Power handling : max	360W	400W	440W
Sensitivity	94dB	96dB	97dB
Frequency response	55Hz - 19kHz	50Hz - 19kHz	45Hz - 19kHz
Dimensions	460 x 305 x 280mm	590 x 380 x 335mm	680 x 415 x 380mm
Weight	5.8kg	14.6kg	16.0kg



Reverse panel: 178.513ÚK



Construction High-impact moulded polypropylene



@qtx

QX SERIES ACTIVE MOULDED SPEAKERS WITH BLUETOOTH

Active PA speaker units in a contemporary styled moulded cabinet with integral carry handle and a constant directivity horn.

The built-in mixer section includes mic, line and Bluetooth connection. A powerful built-in amplifier completes the feature set of this flexible and very capable cabinet.



- · Individual microphone and line input sections
- · High output built-in amplifier

Power supply	.230Vac, 50Hz (Flg.8)
Inputs	Line (XLR, Jack)
Bluetooth version	2.1
SNR	87dB
THD	
Dispersion	
Impedance	4Ω





Stock Code	178.752UK	178.753UK
Model	QX8BT	QX10BT
Power max.	200W	300W
Power rms	100W	150W
SPL @ 1W/1m	94dB	97dB
LF driver	200mm (8")	250mm (10")
LF drive : coil size	35mmØ	52mmØ
HF driver	25mm Ti compression driver	25mm Ti compression driver
HF driver : coil size	25mmØ	25mmØ
Frequency response	55Hz - 20kHz	48Hz - 20kHz
Max. SPL	117dB	121dB
Crossover frequency	4kHz	4kHz
Dimensions	290 x 400 x 225mm	320 x 470 x 270mm
Weight	6.8kg	8kg

Ideal uses

Easily portable and lightweight cabinets for DJs, entertainers and music playback.



QXA SERIES ACTIVE MOULDED PA SPEAKERS

Active PA speaker units in a contemporary styled moulded ABS cabinet with integral carry handle and a constant directivity horn.

The built-in mixer amplifier section delivers high output to the driver units to develop high SPLs.

- Lightweight ported cabinet
- · Tone controls
- · 35mm internal top hat





Active

Stock Code	178.755UK	178.758UK
Model	QX12A	QX15A
Power max.	400W	500W
Power rms	200W	250W
SPL @ 1W/1m	101dB	103dB
LF driver	300mm (12")	380mm (15")
LF drive : coil size	52mmØ	65mmØ
HF driver	38mm Ti comp. driver	50mm Ti comp. driver
HF driver : coil size	25mmØ	35mmØ
Frequency response	45Hz - 20kHz	40Hz - 20kHz
Max. SPL	127dB	129dB
Crossover frequency	3.5kHz	3kHz
Dimensions	345 x 565 x 320mm	420 x 675 x 370mm
Weight	13.2kg	17.8kg

Power supply
InputsMic (combo), Line (RCA)
SNR
THD
Dispersion
Impedance

As a full range installed PA in leisure venues or for mobile DJs.

Passive

Compact, durable speaker cabinets designed for multi-purpose sound reinforcement.

The sturdy moulded enclosures feature flying points for mounting from suspension wires and a 35mm socket for pole mounting. Deep porting and efficient drivers enable these cabinets to accurately reproduce a balanced and evenly dispersed sound output.

Titanium compression driver

- SPK connectors
- Rigid steel grille and easy-carry handle
- Tuned ported cabinet for efficient bass output
- · 35mm internal pole-mounting







QX12



QX15

Stock Code	178.222UK	178.223UK
Model	QX12	QX15
Power rms	200W	250W
Power max.	400W	500W
Woofer	300mm (12")	380mm (15")
Frequency response	48Hz - 20kHz	45Hz - 20kHz
SPL @ 1W/1m	98dB	101dB
Dimensions	565 x 345 x 325mm	675 x 420 x 395mm
Weight	9.8kg	14.2kg

Ideal uses

Easily portable and lightweight cabinets for DJs, entertainers and music playback.

Impedance	
Pole mounting	 35mm integral top-hat
Connection	 2 x SPK



@qtx

QRK SERIES ACTIVE MOULDED PA SPEAKER BOXES

compression driver

Active

Compact injection moulded speaker cabinets with built-in amplifier and input section. Independent mic and line channels make this range ideal for DJs, vocalists and karaoke setups.

- Microphone and line inputs with volume controls
- Compact moulded enclosure with carry handle
- QR12K and QR15K models have additional echo effect and speaker output









QR8K QR10K QR12K QR15K











OR15K

Stock Code	178.310UK 178.311UK		178.313UK	178.316UK		
Model	QR8K	QR10K	QR12K	QR15K		
Power supply	220-240Vac, 5	50/60Hz (fig.8)	220-240Vac,	220-240Vac, 50/60Hz (IEC)		
Woofer	200mm (8")	250mm (10")	300mm (12")	380mm (15")		
Impedance	Ω8	Ω8	8Ω	Ω8		
Amplifier : output power : rms	40W	40W	80W	80W		
Amplifier : output power : max.	60W	60W	180W	180W		
Power handling : speaker max.	80W	200W	300W	400W		
Speaker : outputs	N/A N/A		8Ω min, 90W max.	8Ω min, 90W max.		
Frequency response	55Hz - 20kHz	48Hz - 20kHz	50Hz - 20kHz	45Hz - 20kHz		
Dimensions : W (front/rear) x H x D	290/150 x 400 x 220mm	320/180 x 470 x 260mm	350/180 x 570 x 300mm	430/250 x 680 x 360mm		
Weight	6.5kg	7.5kg	11.2kg	15.8kg		

Ideal uses

Easy to use and cost-effective option for DJs, fitness instructors and parties.



points and 35mm

@qtx

QR SERIES PASSIVE MOULDED PA SPEAKER BOXES

Compact and lightweight speaker cabinets designed for multi-purpose sound reinforcement.





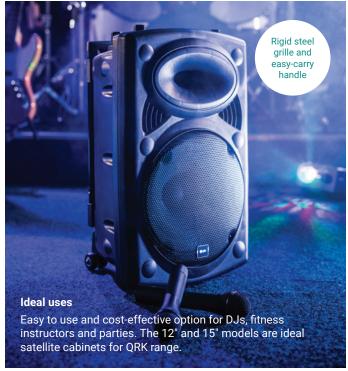


QR8 QR10 QR12 QR15

These shockproof moulded enclosures feature M8/M6 fixing points, allowing them to be arrayed in various combinations to suit most applications from small halls to large nightclubs.

- Titanium compression driver
- 35mm internal pole-mounting
- Lightweight moulded enclosure





Stock Code	178.210UK	178.211UK	178.212UK	178.213UK	
Model	QR8	QR10	QR12	QR15	
Connector	1 x SPK	2 x SPK	2 x SPK	2 x 4 wire SPK	
Power rms	100W	150W	200W	250W	
Power max.	200W	300W	400W	500W	
Impedance	Ω8	Ω8	Ω8	2Ω	
Woofer	200mm (8")	250mm (10")	300mm (12")	380mm (15")	
Frequency response	55Hz - 20kHz	50Hz - 20kHz	48Hz - 20kHz	45Hz - 20kHz	
SPL @ 1W/1m	93dB	95dB	98dB	101dB	
Dimensions : W (front/rear) x H x D	290/150 x 400 x 220mm	320/180 x 470 x 260mm	350/180 x 570 x 300mm	430/250 x 680 x 360mm	
Weight	4.9kg	6.4kg	9.8kg	14.2kg	





Stock Code	170.751UK	170.755UK
Model	QT15SA	QT18SA
Driver	380mm (15")	450mm (18")
Power supply	230Vac, 50Hz (IEC)	230Vac, 50Hz (IEC)
Power rms	150W	250W
Power handling : max	600W	1000W
Cut-off frequency	40 - 150Hz	40 - 150Hz
Connections	XLR line in, XLR line out	XLR line in, XLR line out
Dimensions	515 x 420 x 615mm	585 x 475 x 675mm
Weight	22kg	29kg





Integral 35mm pole mount



Stock Code	170.750UK	170.754UK
Model	QT15S	QT18S
Woofer	380mm (15")	450mm (18")
Power rms	150W	250W
Power max.	300W	500W
Frequency response	45 - 250Hz	40 - 180Hz
Impedance	08	Ω8
Connectors	SPK, jack & terminals	SPK, jack & terminals
SPL @ 1W/1m	94dB	103dB
Dimensions	510 x 460 x 405mm	640 x 440 x 555mm
Weight	18kg	24kg



and developing full power from the amplifier.



adastra

moulded cabinet.

BH-SERIES INDOOR/OUTDOOR BACKGROUND SPEAKERS

High quality IP44 weather resistant speakers with an extended low frequency driver and dome tweeter housed in an efficiently designed

Each speaker is supplied with a laterally adjustable wall mounting bracket that can also be set to various tilt positions for efficient directivity.

Designed for indoor or outdoor background music and public address applications.







Ideal uses

High quality music reproduction and announcement multi-speaker installations in bars, restaurants, cafés and outdoor canopies.









2-way, full-range sound production

Pan & tilt mounting brackets included























BH3 - W

BH4 - B

BH5 - W

BH6 - B

BH8 - W

Stock Code	100.916UK	100.917UK	100.918UK	100.919UK	100.920UK	100.921UK	100.922UK	100.923UK	100.924UK	100.925UK
Model	BH3-W	внз-в	BH4-W	BH4-B	BH5-W	ВН5-В	BH6-W	ВН6-В	BH8-W	BH8-B
Finish	White	Black	White	Black	White	Black	White	Black	White	Black
LF Driver	75mm	nØ (3")	100mr	nØ (4")	135mmØ (5.25")		165mmØ (6.5")		200mmØ (8")	
HF Driver	13mm	Ø (0.5")	13mmØ (0.5")		13mmØ (0.5")		25mmØ (1")		25mmØ (1")	
Sensitivity	86	dB	88dB		89dB		90dB		90dB	
Frequency response	110Hz	10Hz - 20kHz 100Hz - 20k		- 20kHz	80Hz -	20kHz	50Hz -	20kHz	30Hz -	20kHz
Power handling: max	60	60W 60W		100W		14	OW	16	0W	
Power handling: rms	30)W	30W		50W		70W		80W	
Dimensions (each)	164 x 107	x 102mm	195 x 125 x 125mm		255 x 163 x 160mm		290 x 195 x 190mm		378 x 244	x 240mm
Weight (each)	0.8	3kg	1.23kg		1.98kg		2.70kg		3.9	8kg



Stock Code	100.898UK	100.899UK	100.901UK	100.902UK	100.904UK	100.905UK	100.907UK	100.908UK	100.910UK	100.911UK
Model	BC3W	BC3B	BC4W	BC4B	BC5W	BC5B	BC6W	BC6B	BC8W	BC8B
Finish	White	Black	White	Black	White	Black	White	Black	White	Black
Woofer	75mm	nØ (3")	100mr	00mmø (4") 130mmø (5.25")		165mmØ (6.5")		200mmØ (8")		
Tweeter	25mmØ (1 dome t	") balanced tweeter	,	") balanced weeter	,	") balanced weeter		(1") silk weeter		(1") silk tweeter
Frequency response	120Hz	- 20kHz	110Hz	- 20kHz	100Hz	- 20kHz	80Hz -	20kHz	50Hz -	20kHz
Power rms	30W		35	5W	45	5W	60	W	9(WC
Power max.	60W		70	W	90	W	12	0W	18	0W
Sensitivity	88dB		88	dB	88	dB	89	dB	89)dB
Dimensions (each)	106 x 153 x 106mm 150 x 200 x 150mm		x 150mm	180 x 240	x 180mm	220 x 280	x 220mm	280 x 374	x 257mm	
Weight	84	.0g	1.2	5kg	2.0)kg	2.5	ikg	5.2	6kg
Weight (per set)	1.7	7kg	2.5	5kg	4.0)kg	5.1	4kg	10.	5kg





High performance 2-way stereo speakers system with built-in amplifier. Heavy duty vented design for high power and deep bass response, ideal for use as studio or DJ monitors. Supplied with mounting brackets and connecting leads.

- 13.3cm (5.25") bass driver and 2.5cm (1") Neodymium dome tweeter
- · Input via RCA phono sockets
- Mounting brackets included
- · One powered and one slave speaker



Perfect as part of a background music system, as a stereo computer speaker set, or to provide sound in smaller AV installations.

Power supply	220-240Vac, 50Hz (Fig 8)
Power rms	2 x 20W
Frequency response	
Input level	
Sensitivity	89dB
Dimensions	255 x 180 x 150mm
Weight	7kg

Stock Code	Model	Version
178.200UK	QR5B	5" Black
178.201UK	QR5W	5" White



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BC5A 5.25" ACTIVE STEREO SPEAKER SET

2-way active monitor speaker set comprising a powered unit with stereo amp module and a satellite passive unit. Designed for nearfield monitoring, home entertainment or as a small active background music system.

- Volume, treble and bass controls
- · Magnetically shielded
- · Power On/Off switch with LED indicator
- · Supplied with 4m speaker link cable
- 1.5m Fig.8 mains lead included



Ideal uses

Indoor installations for high quality stereo background music and announcements in bars, shops, leisure centres etc.

Power supply	230Vac, 50Hz (fig 8)
Woofer	133mmØ (5.25") PP cone
Tweeter	25mm balanced dome
Frequency response	100Hz - 20kHz
Power:rms	2 x 30W
Dispersion	150° (-3dB)
Sensitivity	88dB
Dimensions	240 x 180 x 155mm
Weight (per set)	4.6kg

Stock Code	Model	Version
170.165UK	BC5A-W	5" White
170.166UK	BC5A-B	5" Black



☐ adastra | BG5A ACTIVE STEREO SPEAKER SET 2 x 20W

Active stereo indoor background speaker set, comprising an active main unit and satellite speaker with connecting lead. Both main and satellite units have a moulded ABS cabinet with powder-coated steel grille and deliver up to 20W via a 5 inch full-range driver with smooth frequency response.

- · L+R RCA or stereo 3.5mm input
- Supplied with 12Vdc 3A in-line adaptor





Ideal uses

A cost-effective and stylish solution for background music and smaller PA applications.

Power supply. 12Vdc, 3A (in-line mains adaptor inc))
Power rms	1
DC input connection5.5 x 2.5mm DC jack	(
Mains inputFig.8 (into 12Vdc adaptor))
Drivers	,
Frequency response100Hz - 20kHz	7
Sensitivity @ 1W/1m85dB	3
Impedance8Ω (each)	
Input L+R RCA or 3.5mm stereo (line level)	
Controls On/off switch, volume rotary	
Dimensions 227.5 x 156 x 152.5mm each	1
Weight	J

Stock Code	Model	Version
170.161UK	BG5A-W	5.25" White







Active version of the BP-series weatherproof wall-mounted speaker, with an internal amplifier and hard-wired 4-core cable for signal and power input. Each speaker can be driven by any 12Vdc power supply with 2A or more current capacity (e.g. 153.754UK), and accepts a mono line level signal input.

- Requires 12Vdc 2A+ power supply
- IP54 for sheltered outdoor use
- 4-core hard-wired cable for power and signal input







Ideal uses

Indoor or sheltered outdoor areas requiring a single PA speaker, or to extend an existing background music/announcement system.

Power supply12Vdc, 2A or more (not included)
Input signal0.775Vrms (1.3Vmax)
Woofer 100mmØ (4") polypropylene cone
Tweeter25mmØ (1") balanced dome
Frequency response100Hz - 20kHz
IP rating IP54
Max power output
Dimensions
Weight (per set) 1.298kg

Stock Code	Model	Version	
952.824UK	BP4A-W	4" White	



KV SERIES PREMIUM adastra **CEILING SPEAKERS**





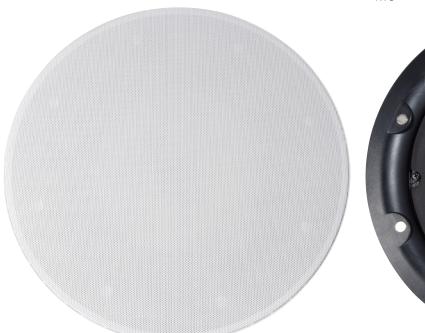
Premium quality ABS 2-way ceiling speakers with magnetic frameless grille for high quality music reproduction in a sleek design.

High energy glass-aramid main drivers are combined with a coaxial dome tweeter and coupled to a wave guide baffle for optimum sound dispersion. Each KV speaker is served by a full 2-way passive crossover network, providing an accurate and efficient frequency balance.

Designed without compromise to deliver maximum power and quality from this class of ceiling speaker.

- Full 2-way passive crossover
- · Magnetic low profile steel grille
- · Braced ABS basket with integral wave guide









Construction ABS basket & powder coated steel grille HF driver 25mmØ (1") ASV diaphragm

Ideal uses

High quality and powerful music playback in domestic or commercial environments where low profile ceiling installation is required.

Stock Code	125.105UK	125.106UK	125.108UK
Model	KV5	KV6	KV8
Power handling : max	40W	60W	80W
Power handling : rms	20W	30W	40W
Main driver	135mmØ (5.25")	165mmØ (6.5")	200mmØ (8")
Magnet weight	270g	355g	465g
SPL @ 1W/1m	89dB	90dB	90dB
Max. SPL	100dB	103dB	105dB
Frequency response	80Hz - 20kHz	50Hz - 20kHz	50Hz - 20kHz
Cut out	180mmØ	205mmØ	255mmØ
Mounting depth	80mm	95mm	110mm
Dimensions	80 x 206mmØ	94 x 232mmØ	110 x 281mmØ
Weight	1.054kg	1.312kg	1.543kg

adastra

SL SERIES SLIMLINE CEILING SPEAKERS





High-grade ceiling speakers featuring a hi-flex main driver for full range output with extended low frequency response.

Both 5.25" and 6.5" models add a mylar tweeter unit for accurate HF reproduction. Quick fit spring clamps or 'dog-ear' mounts enable easy installation, resulting in a minimalist profile for a discreet and understated sound system.

- Efficient 2-way crossover network
- Gold-plated spring terminals
- · Sleek, understated profile
- \bullet 3 'dog-ear' mounts for SL5 and SL6
- 2 spring clips for SL3
- 3 spring clips for SL4





SL6

Ideal uses

playback and voice announcements in leisure and hospitality venues.





Stock Code	952.545UK	952.546UK	952.547UK	952.548UK
Model	SL3	SL4	SL5	SL6
Woofer	75mmØ (3") PP cone	100mmØ (4") PP cone	130mmØ (5.25") PP cone	165mmØ (6.5") PP cone
Tweeter	N/A	N/A	12mmØ (0.5") mylar dome	12mmØ (0.5") mylar dome
Crossover frequency	N/A	N/A	4.5kHz	4.5kHz
Frequency response	200Hz - 20kHz	100Hz - 18kHz	50Hz - 20kHz	40Hz - 20kHz
Power rms	10W	20W	35W	40W
SPL @ 1W/1m	82dB	88dB	88dB	89dB
Cutout	84mmØ	134mmØ	178mmØ	204mmØ
Mounting depth	57mm	70mm	93mm	102mm
Dimensions	57 x 100mmØ	71 x 145mmØ	93 x 203mmØ	102 x 232mmØ
Weight	0.36kg	0.60kg	1.30kg	1.50kg

SL5



CD SERIES CEILING SPEAKERS WITH adastra **DIRECTIONAL TWEETER**



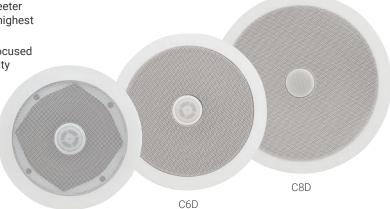


These easy fit ceiling speakers are ideal for main speakers, surround sound or remote speaker applications.

The two-way design includes a Ferrofluid cooled silk dome tweeter and Polypropylene woofer with rubber surround to deliver the highest level sonic performance.

The adjustable tweeter allows for the high frequencies to be focused in the direction of the listening area. This increases the flexibility when locating the speakers off-axis from the listeners.

- 2-way easy fit ceiling speakers
- Polypropylene woofer with rubber surround and Ferrofluid cooled silk dome tweeter
- · Adjustable directional tweeter
- · Spring-loaded terminal connections





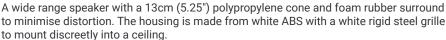
Ideal uses

High quality music and clear speech coverage for rooms with restricted ceiling installation space. The high frequency output from these speakers can be directed at an angle to deliver intelligible sound to specific areas.



Stock Code	952.528UK	952.534UK	952.543UK
Model	C5D	C6D	C8D
Woofer	130mm (5.25")	165mm (6.5")	200mm (8")
Tweeter	18mm (0.7")	18mm (0.7")	25mm (1")
Frequency response	85Hz - 20kHz	60Hz - 20kHz	45Hz - 20kHz
Power max.	80W	100W	120W
Power rms	Power rms 40W		60W
Sensitivity @ 1W/1m 85dB (±2dB)		85dB (±2dB)	87dB (±2dB)
Cutout	166mmØ	193mmØ	238mmØ
Mounting depth	72mm	79mm	90mm
Dimensions	83 x 202mmØ	93 x 227mmØ	101 x 271mmØ
Weight 850g		1.1kg	1.7kg





- 130mm (5.25") polypropylene wide range speaker
- Fitted with 'dog-ear' mounts for quick installation
- · Spring terminal connections







Ideal uses

General purpose full-range sound for indoor areas with suspended or false ceilings.

Frequency response100Hz - 12kHz
Power max
Power rms
Impedance
Cutout
Mounting depth54mm
SPL max
Dimensions
Weight

Stock Code Description

100.031UK 5" Ceiling Speaker 35W - White



🗇 adastra

C6S 6.5" DUAL VOICE COIL CEILING SPEAKER WITH DUAL TWEETERS

A ceiling mount speaker that provides both left and right stereo channels from a single point, whilst maintaining channel separation. The speaker has dual mylar dome tweeters combined with a dual voice coil, and a polypropylene woofer to deliver a full, rich sound.

· Stereo 2-way easy fit ceiling speaker with 'dog-ear' mounts

· White ABS frame with steel grille





Ideal uses

Stereo music playback in smaller areas or where speaker installation space is limited.

Tweeter2 x 13mmØ (0.5")
Frequency response
Power max
Power rms
Cutout
Impedance2 x 8Ω
Mounting depth
Sensitivity @ 1W/1m 82dB (±2dB)
Dimensions
Weight 1 4kg

Stock Code Description

952.537UK

6.5" Dual Tweeters



adastra

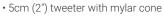
OD SERIES WATER RESISTANT SPEAKERS







A range of water resistant speakers for panel mounting, suitable for PA installations in swimming pools, bathrooms and outdoor areas.



• Spade terminal connections (6mm)

- · 2-way speakers
- Plastic enclosure
- · Built-in crossover
- · Includes fixing kit
- · Gasket included









Tweeter5	50mm (2")
Humidity max	95%
IP rating	IP35
Dispersion angle	140°
Temperature range	-20 - 85°C

Stock Code	125.030UK	125.032UK	125.063UK	125.050UK
Model	OD5-W4	OD5-W8	OD6-W8	OD6-B8
Colour	White	White	White	Black
Impedance	4Ω	Ω8	Ω8	Ω8
Speaker size	130mm (5")	130mm (5")	165mm (6.5")	165mm (6.5")
Frequency response	100Hz - 20kHz	100Hz - 20kHz	80Hz - 20kHz	80Hz - 20kHz
Power max.	80W	80W	100W	100W
Power rms	35W	35W	40W	40W
Magnet weight	184g (6.5 oz)	184g (6.5 oz)	221g (7.8 oz)	221g (7.8 oz)
Cutout	112mmØ	112mmØ	132mmØ	132mmØ
SPL @ 1W/1m	86dB	86dB	87dB	87dB
Mounting depth	56mm	56mm	65mm	65mm
Dimensions	72.5 x 148mmØ	72.5 x 148mmØ	84.5 x 180mmØ	84.5 x 180mmØ
Weight	565g	565g	745g	745g

BCS SERIES BLUETOOTH CEILING SPEAKER SETS

A ceiling speaker set with switchable Bluetooth connectivity, offering unrivalled simplicity in pairing with and playback from compatible devices.

The set includes an active speaker with Bluetooth receiver and a passive, slave speaker. The active speaker's RCA line input and output enable daisy-chaining of multiple sets.

Each speaker features low and high frequency drivers and flared baffles for a smooth, full-range response.

- · Switchable Bluetooth connectivity
- Line input and output
- Full-range 2-way coaxial speakers
- · Frameless magnetic grille
- In-line DC power supply included







Ideal uses

Indoor installations for high quality stereo background music and announcements in bars, shops, leisure centres etc.



Supplied as a pair (active + passive)







Stock Code	953.164UK	953.165UK
Power supply	In-line 12Vdc, 3A mains adaptor (included)	In-line 12Vdc, 5A mains adaptor (included)
Sensitivity	89dB	89dB
Output power : max.	2 x 20W	2 x 25W
Output power : rms	2 x 15W	2 x 20W
LF driver	135mmØ (5.25")	165mmØ (6.5")
Frequency response	80Hz - 20kHz	70Hz - 20kHz
Mounting depth	97mm (active), 77mm (passive)	100mm (active), 80mm (passive)
Cutout	180mmØ (each speaker)	202mmØ (each speaker)
Dimensions (each)	95 x 205mmØ (active), 75 x 205mmØ (passive)	98 x 234mmØ (active), 77 x 234mmØ (passive)
Weight (per set)	1.78kg	1.91kg



BHV-SERIES IP44 BACKGROUND SPEAKER 100V

High quality IP44 weather resistant 100V speaker with an extended low frequency driver and dome tweeter housed in an efficiently designed moulded cabinet.

Spring terminals and a rotary volume tapping switch are protected by a cover at the rear. Each speaker is supplied with a laterally adjustable wall mounting bracket that can also set to various tilt positions for efficient directivity.

Designed for indoor or outdoor background music and public address applications.









- 100V or 16Ω operation
- 2-way speaker system with crossover network
- · High quality sound reproduction
- Protective cover for tapping switch and spring terminals
- · Pan and tilt mounting brackets included









Ideal uses

High quality music reproduction and announcement multi-speaker installations for bars, restaurants, cafés and outdoor canopies.



Stock Code







952.610UK 952.611UK 952.612UK 952.613UK 952.614UK 952.615UK 952.616UK 952.617UK 952.618UK 952.619UK



BH4V-W BH4V-B BH8V-W BH8V-B Model BH3V-W BH3V-B BH5V-W BH5V-B BH6V-W BH6V-B White Black White Black White Black White Black White Black Colour 135mmØ (5.25") 200mmØ (8") LF Driver 75mmØ (3") 100mmØ (4") 165mmØ (6.5") 13mmØ (0.5") 25mmØ (1") 13mmØ (0.5") 13mmØ (0.5") 25mmØ (1") HF Driver Power handling: rms 30W 30W 50W 70W 80W Power handling: max 60W 60W 100W 140W 160W Sensitivity 86dB 88dB 89dB 90dB 90dB 110Hz - 20kHz 100Hz - 20kHz 80Hz - 20kHz 50Hz - 20kHz 30Hz - 20kHz Frequency response 8W, 6W, 4W, 20W, 10W, 5W, 30W, 20W, 10W, 40W, 30W, 20W, 10W 50W, 40W, 30W, 20W

Tappings $2W + 16\Omega$ $2.5W + 16\Omega$ 5W + 16Ω $+16\Omega$ + 16Ω Dimensions (each) 164 x 107 x 102mm 195 x 125 x 125mm 255 x 163 x 160mm 290 x 195 x 190mm 378 x 244 x 240mm Weight (each) 1.06kg 2.45kg 3.27kg 1.64kg 4.67kg

FC SERIES COMPACT BACKGROUND SPEAKER

100V Line







2-way compact speaker with weatherproof moulded cabinets, making them ideal for gardens, outdoor shelters, health club spa areas and marine applications.

- 2-way speaker system with crossover network
- Rotary selector switch for 100V line tappings or 8Ω operation
- Equalisation switch boosts higher frequencies when outside
- · Gold plated spring terminal connections
- Optional mounting by M6 screw sockets
- UV protected ASTM D4329
- · Mounting bracket included
- · Supplied singly





Stock Code	952.962UK	952.964UK	952.965UK	952.960UK	
Model	FC4V-W	FC4V-B	FC5V-W	FC5V-B	
Finish	White	Black	White	Black	
Woofer	9cm (3.5') PP cone	13cm (5.25") PP cone		
Frequency response	114Hz	- 20kHz	80Hz - 20kHz		
Power rms: 8Ω	40)W	50W		
Power max: 8Ω	80W		100W		
SPL @ 1W/1m	87dB		88dB		
Tappings	2.5/5/10/20W + 8Ω		5/10/20/	40W + 8Ω	
Dimensions (each)	199 x 149 x 112mm		245 x 185	x 180mm	
Weight (each)	1.3	6kg	2.7	7kg	





Ideal uses

Background music multi-speaker in indoor or sheltered outdoor areas, but equally useful as compact perimeter speakers in larger PA setups. Ideal for bars, clubs, gyms, and music venues.



"Adastra is always my first choice for 100V line sound applications alongside Citronic ... I am happy to support a quality brand that has been in existence since 1971."

Will Osbourne -Ozz Sound & Light

"Adastra is my first point of call for 100V line installation - reliable and great value for money for the client. The range offers a solution for most requirements and AVSL offer a great service for delivery and backup."

> Alan Thomas -Zelma Sound Services

"We at Calder Lighting and Sound have, for many years, used Adastra electronics and speakers for background music and PA in many installations. This includes care homes, restaurants and any venue where foreground music is not required, plus Citronic items where loud music is the feature.

Both brands represent excellent value for money and importantly, ready availability and fast delivery.

The quality of reproduction, and the reliability record of the many products which we have installed has been excellent."

Phil Cooper -Calder Lighting & Sound



BCV SERIES 100V INDOOR SPEAKER







A range of indoor speakers, with ABS enclosures and a sturdy metal grille.

Suitable for free-standing operation or wall mounting via adjustable fixing bracket.

The trapezoidal design allows for the enclosures to be mounted neatly into corners, making them ideal for most applications.

- Rotary selector switch for 100V line tappings or 8Ω operation
- 2 way speaker system with crossover network
- · Alternative M6 threaded mounting points
- Supplied singly



Indoor multi-speaker installations for high quality background music and announcements in bars, shops, leisure centres etc.















BC3V	BC4V	BC5V	BC6V

Stock Code	952.710UK	952.711UK	952.712UK	952.713UK	952.714UK	952.715UK	952.716UK	952.717UK		
Model	BC3V-W	BC3V-B	BC4V-W	BC4V-B	BC5V-W	BC5V-B	BC6V-W	BC6V-B		
Colour	White	Black	White	Black	White	Black	White	Black		
Woofer	75mm	nØ (3")	100mr	mØ (4")	135mmØ (5.25")		165mmØ (6.5")			
Tweeter	12mm (0.5") po	lymer HF driver	25mm (1") ba	alanced dome	25mm (1") ba	alanced dome	25mm (1") balanced dome			
Frequency response	120Hz	- 20kHz	110Hz - 20kHz		100Hz - 20kHz		90Hz - 20kHz			
Power max: 8Ω	60)W	70)W	90W		120W			
Power rms: 8Ω	30	30W		5W	4.	5W	60)W		
SPL @ 1W/1m	88	dB	88dB		B 88dB		89dB			
Tappings	6W, 3W, 1	.5W + 8Ω	20W, 10W, 5W, 2.5W + 8Ω		20W, 10W, 5W, 2.5W + 8Ω		20W, 10W, 5W, 2.5W + 8 Ω 30W, 20W, 10W, 5W + 8 Ω		40W, 20W, 1	0W, 5W + 8Ω
Impedance: 100V	1.6k, 3.3	3k, 6.6kΩ	500, 1k, 2k, 4kΩ		333, 500, 1k, 2kΩ		250, 500), 1k, 2kΩ		
Dimensions	106 x 153	3 x 98mm	150 x 195	150 x 195 x 150mm 180 x 235 x 17		180 x 235 x 175mm		x 210mm		
Weight	90	0g	1.6	3kg	2.3	8kg	3.0	8kg		

BP SERIES 100V WEATHERPROOF SPEAKER









A range of indoor/outdoor speakers, with ABS enclosures and a sturdy metal grille.

Suitable for wall mounting via adjustable fixing bracket.

Weatherproof design makes these speakers ideal for outdoor music and public address applications.

- Rotary selector switch for 100V line tappings or 8Ω operation
- 2 way speaker system with crossover network
- Alternative M6 threaded mounting points
- Supplied singly





Ideal uses

Indoor or outdoor multi-speaker installations where weatherproof protection is critical. Ideal for outdoor dining areas, forecourts, gardens and visitor centres.















BP5V BP6V

Stock Code	952.810UK	952.811UK	952.812UK	952.813UK	952.814UK	952.815UK	952.816UK	952.817UK	
Model	BP3V-W	BP3V-B	BP4V-W	BP4V-B	BP5V-W	BP5V-B	BP6V-W	BP6V-B	
Colour	White	Black	White	Black	White	Black	White	Black	
Woofer		75mmØ (3") polypropylene cone		100mmØ (4") polypropylene cone		130mmØ (5.25") polypropylene cone		165mmØ (6.5") polypropylene cone	
Tweeter	12mm (0.5") po	lymer HF driver	25mm (1") ba	alanced dome	25mm (1") balanced dome		25mm (1") balanced dome		
Frequency response	120Hz	- 20kHz	110Hz - 20kHz		100Hz - 20kHz		90Hz - 20kHz		
Power rms: 8Ω	30	30W		35W		5W	60W		
Power max: 8Ω	60	60W		70W)W	12	0W	
SPL @ 1W/1m	87	dB	88dB		89dB		89	dB	
Tappings	6W, 3W, 1	.5W + 8Ω	20W, 10W, 5	20W, 10W, 5W, 2.5W + 8Ω 30W, 20W, 10W, 5W + 8		0W, 5W + 8Ω	40W, 20W, 10W, 5W + 8Ω		
Impedance: 100V	1.6k, 3.3	3k, 6.6kΩ	500, 1k	, 2k, 4kΩ	333, 500, 1k, 2kΩ		250, 500), 1k, 2kΩ	
Dimensions	106 x 153	3 x 98mm	150 x 195 x 150mm 180 x 235 x 175mm 220		180 x 235 x 175mm		220 x 280	x 210mm	
Weight	90	0g	1.63kg		2.38kg		3.0	8kg	



COMPACT BACKGROUND SPEAKERS 2.5" WHITE







A pair of background speakers in a compact moulded enclosure for $100\dot{V}$ or 8Ω operation.

Ideal for surround sound and discreet installations in combination with a sub cabinet.

· Adjustable mounting brackets supplied





Ideal uses

Low profile indoor music installations, ideally coupled with sub-woofers for full frequency output. Ideal for waiting rooms, hallways, washrooms and perimeter areas.

Stock Code	Description
952.820UK	C25VW 2.5inch Compact Background Loudspeakers White



Driver 65mmØ (2.5") reinforced paper cone
Frequency response: -10dB150Hz - 22kHz
mpedance8Ω
Power max.: 8Ω
Power rms : 8Ω
Power rms: 100V line 6W
Sensitivity @ 1W/1m
Dimensions (each) 89 x 111 x 90mm
Weight (each)

adastra

B30V 100V LINE BACKGROUND SPEAKERS

A powerful 3-way speaker set for surround and monitoring applications. Fitted with a rotary switch for 4 x 100V line tappings or 8Ω operation.





Supplied in pairs with mounting brackets for horizontal or vertical use	
3-way speaker design with bass reflex	
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cription
V Line Speakers 4" 30W Black Pa
V Line Speakers 4" 30W White Pa

Ideal uses

Indoor multi-speaker installations for background music and announcements in public and commercial buildings.

Woofer 100mm (4") PP cone
Mid driver 50mmØ (2") PP cone
Tweeter
Power handling: max 60W
Impedance8Ω
Impedance: 100V333, 500, 1k, 2kΩ
Tappings
Sensitivity
Frequency response120Hz-20kHz
Dimensions (each) 136 x 240 x 155mm
Weight (per set)

Stock Code

952.887UK

952.888UK

LX SERIES INDOOR/OUTDOOR 100V WALL-MOUNTED SPEAKER







Lightweight PA speaker with moulded ABS cabinet and fitted with 2-axis wall-mounting brackets.

A convenient and cost-effective solution for background music and voice announcements in indoor or sheltered outdoor environments.

- Super light weight for easy installation
- Integral 2-axis wall-mounting bracket
- 100V or 8Ω operation
- Supplied singly





Stock Code	952.954UK	952.956UK
Model	LX5T-W	LX6T-W
Power rms : 8Ω	20W	30W
100V line tappings	10W, 20W	15W, 30W
Frequency response	75Hz - 20kHz	70Hz - 20kHz
SPL @ 1W/1m	90dB	91dB
Max. SPL	102dB	105dB
Main driver	135mmØ (5.25") PP cone	165mmØ (6.5") PP cone
HF driver	19mmØ (0.75") mylar dome	19mmØ (0.75") mylar dome
Weight	1.344kg	1.738kg
Dimensions	243 x 160 x 117mm	280 x 185 x 136mm



Ideal uses

General purpose sound coverage for indoor and sheltered outdoor areas. Lightweight construction facilitates easy fixing to partition walls and lighter architectural structures.



BM SERIES BACKGROUND 100V WALL-MOUNTED SPEAKER





Indoor wall speaker with moulded polypropylene cabinets and powder-coated steel grilles.

Supplied with a steel bracket for mounting to an appropriate wall or ceiling surface.

Designed for general purpose indoor PA and background music systems.

- 100V or 8Ω operation
- 4 x 100V tappings
- Supplied with adjustable wall-mount bracket
- Supplied singly







Ideal uses

General purpose indoor multi-speaker installations for public and commercial buildings, schools and leisure facilities.

Material	.PP cabinet with powder coated steel grille
Input	4mm binding posts (+/-)
Tweeter	

Stock Code	952.502UK	952.504UK	952.506UK
Model	BM4V-W	BM5V-W	BM6V-W
Colour	White	White	White
Woofer	100mm (4") paper cone	130mm (5.25") paper cone	165mm (6.5") paper cone
Power rms : 8Ω	20W	30W	40W
Tappings	2.5W, 5W, 10W, 20W & 8Ω	3.75W, 7.5W, 15W, 30W & 8Ω	5W, 10W, 20W, 40W & 8Ω
Dimensions	242 x 150 x 150mm	275 x 178 x 173mm	320 x 225 x 220mm
Weight	1.873kg	2.532kg	3.084kg



FS SERIES HIGH PERFORMANCE FOREGROUND SPEAKER









High quality 2-way speaker for indoor or outdoor use.

The moulded speaker cabinet makes them ideal for outdoor events, swimming pools, garden areas and marine or boat use.

- Rotary selector switch for 100V line tappings or 8Ω operation
- 2 way speaker system with crossover network
- Optional mounting by M6 screw sockets
- Indoor/outdoor equalisation switch
- UV protected ASTM D4329
- Supplied singly





Stock Code	Description
952.961UK	FSV-W 100V Line - White
952.963UK	FSV-B 100V Line - Black

Woofer
Tweeter
Frequency response110Hz - 20kHz
Power max. : 8Ω
Power rms : 8Ω 65W
SPL @ 1W/1m86dB
Dispersion angle
Tappings40W, 20W, 10W, 5W + 8Ω
Impedance : $100V250$, 500 , $1k$, $2k\Omega$
Dimensions
Weight 3.06kg

Ideal uses

Foreground speakers for slightly higher power music and voice announcements in retail outlets, bars and outdoor/humid areas.





WSP SERIES adastra **SOUND PROJECTOR**









Weatherproof sound projector with injection-moulded body and coated steel grille.

Suitable for indoor or outdoor music and speech applications.

The hard-wired input cable has 4-cores to enable connection for different power tappings.

If necessary, the transformer may be bypassed internally to give an 8Ω load.

· Weatherproof ABS enclosure







Ideal uses

Predominantly for outdoor and exposed areas that may not be suitable for other background speakers, such as rail platforms, garage forecourts, parade grounds and alongside CCTV installations.

Housing material	ABS
	Concentric 12mm (0.5") mylar dome
	IPX5
Cable · length	350mm





Stock Code	952.940UK	952.941UK	952.942UK	952.943UK
Model	WSP10-W	WSP10-W	WSP25-W	WSP25-B
Frequency response	130Hz - 17kHz	130Hz - 17kHz	100Hz - 17kHz	100Hz - 17kHz
SPL @ 1W/1m	90dB	90dB	92dB	92dB
Main driver	135mmØ (5.25") polypropylene cone	135mmØ (5.25") polypropylene cone	165mmØ (6.5") polypropylene cone	165mmØ (6.5") polypropylene cone
Power max : 8Ω	10W	10W	25W	25W
Tappings	2.5W, 5W, 10W (100V line)	2.5W, 5W, 10W (100V line)	5W, 10W, 20W (100V line)	5W, 10W, 20W (100V line)
Colour	White	Black	White	Black
Dimensions	225 x 136mmØ	225 x 136mmØ	245 x 177mmØ	245 x 177mmØ
Weight	1.304kg	1.304kg	2.020kg	2.020kg

SC SERIES 100V LINE INDOOR COLUMN SPEAKER







Slimline column speaker suitable for indoor applications, especially where discretion is a necessity.

Made from extruded aluminium with a white protective finish, fitted with a white metal grille and white plastic end caps.

Fitted with high quality speakers providing crisp, clear sound reproduction and a 100V line transformer.

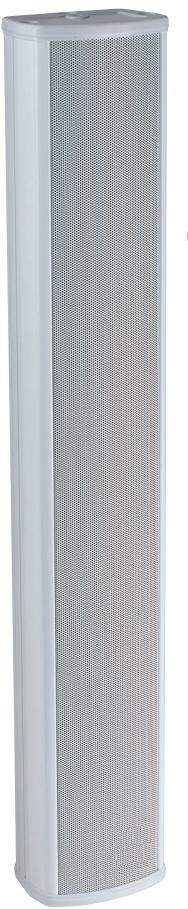
- Fitted with 900mm of connecting cable
- Adjustable volume tappings

Ideal uses

Indoor voice and music reinforcement for theatres, houses of worship, municipal buildings and areas with limited space for installation.



Stock Code	952.241UK	952.243UK
Model	SC16V	SC32V
Drivers	4 x 63mmØ (2.5")	8 x 63mmØ (2.5")
Frequency response : - 10dB	200Hz - 16kHz	
Dispersion angle	160° (transverse plane)	
Power handling : rms	16W	32W
Power handling : max	32W	64W
Impedance (nominal)	208	4Ω
Impedance: 100V	833, 1.6k, 3.3k,6.6kΩ	500, 1k, 2k, 4kΩ
Tappings	12W, 6W, 3W, 1.5W & 8Ω	20W, 10W, 5W, 2.5W & 4Ω
Cable length	900mm	
SPL @ 1W/1m	91dB	93dB
Dimensions	105 x 410 x 90mm	105 x 700 x 90mm
Weight	2.3kg	3.8kg









FIRE DOME 100V CEILING SPEAKER

100V ceiling speaker with a rear dome housing to provide an effective barrier against fire.

The dome can be removed from the speaker unit for convenient installation into a ceiling cavity, and is fitted with a spring loaded mechanism for the speaker unit to pull into position for a neat flush fit.

- · EN54-24 certified
- · Supplied with flush mount fire dome
- 4 x 100V volume tappings

Ideal uses

Designed for use in EN54-24 certified fire alert systems or indoor areas requiring voice announcements. Most commonly used in public buildings and outdoor areas where fire and emergency evacuation requirements are critical.

Driver
Frequency response
100V line tappings 0.75W, 1.5W, 3W, 6W
Cut-out dimensions
Dimensions
Weight



Fire-resistant cable to 95°C







Stock Code	Description
952.205UK	Fire Dome EN54 Ceiling Speaker 5.25in 6W

adastra

F40V OUTDOOR FIRE RATED COLUMN SPEAKER IP66 EN54-24

100V column speaker with a heavy-duty die-cast aluminium alloy housing & grille and fully rotatable rear wall-mount bracket.

Water-resistant to IP66 for outdoor use and certified to EN54-24 for compliance with fire voice evacuation systems.

Designed to provide uncompromised sound quality in PA systems that are relied upon for emergency and evacuation alerts.

- · Integral fully rotatable mounting bracket
- 100V, 70V or 8Ω operation

Fire-resistant cable to 95°C

Ideal uses

Designed for critical voice announcements in emergency situations in public and commercial buildings that require EN54-24 compliance for fire-rated systems. Also useful where regular SC column speakers are used but slightly more power is needed.

	Powder coated aluminium alloy housing and grille EN54-24 certified
	40W
Tappings	5W, 10W, 20W, 40W (100V) & 8 Ohms
	96dB
	150Hz - 18kHz
	4 x 75mmØ (3") woofers
	1 x 63mmØ (2.5") tweeter
Connection	Hard-wired fire resistant cable via IP66 gland
Circuit protection	Thermal fuse
	500 x 175 x 97mm
Weight	3.87kg

Stock Code	Description
952.244UK	F40V Column Speaker 100V 40W IP66 EN54

FH SERIES EN54-24 FIRE RATED HORN SPEAKER







Moulded ABS weatherproof horn speaker with EN54-24 fire rating.

Hard-wired with a fire-resistant cable and junction box, fitted with a ceramic screw terminal block and thermal fuse. Surface mounting via a powder-coated steel adjustable U-bracket.

Designed for voice announcements and alerts in commercial PA installations.

- 5VB fireproof ABS material
- 100V, 70V or 8Ω operation
- Ceramic terminals and thermal fuse









Construction	5VB fire-rated ABS housing, powder-coated steel
IP rating	IP66
Fire rating	EN54-24 certified
Connection	. Hard-wired fire-resistant cable, ceramic terminal block
Circuit protection	Thermal fuse

Stock Code	952.246UK	952.247UK
Model	FH15V	FH30V
Power rms : 8Ω	15W	30W
Tappings	1.9W, 3.8W, 7.5W, 15W (100V) & 8Ω	3.8W, 7.5W, 15W, 30W (100V) & 8Ω
Frequency response	300Hz - 8kHz	300Hz - 6.5kHz
SPL @ 1W/1m	105dB	113dB
Weight	1.53kg	2.26kg
Dimensions	250 x 220 x 162mm	300 x 282 x 203mm



Ideal uses

Designed for use in EN54-24 certified fire alert systems or any indoor/outdoor area requiring voice announcements.

Most commonly used in public buildings and outdoor areas where fire and emergency evacuation requirements are critical.



KV-T SERIES PREMIUM 100V CEILING SPEAKER







Premium quality ABS 2-way ceiling speaker with magnetic frameless grille for high quality music reproduction in a sleek design.

High energy glass-aramid main drivers are combined with a coaxial dome tweeter and coupled to a wave guide baffle for optimum sound dispersion. Each KV-T speaker is fitted with a 100V transformer with selectable volume tappings. High performance ceiling speakers to integrate with 100V voice and background music systems.

- 3 x 100V volume tappings via 4-core cable
- 8Ω optional (bypass transfomer)
- · Magnetic low profile steel grille

Ideal uses

High quality distributed music playback and voice announcements in leisure and hospitality venues.







Construction	. ABS baske	t & powder	r coated	l steel gril	le
HF driver		25mmØ (1") ASV	diaphragi	n

Stock Code	952.280UK	952.281UK	952.282UK
Model	KV5T	KV6T	KV8T
Impedance	500, 1k, $2k\Omega$ or 8Ω	333, 666, $1.3k\Omega$ or 8Ω	250, 500, 1.3k Ω or 8 Ω
Tappings	5W, 10W, 20W & 8Ω (40W)	7.5W, 15W, 30W & 8Ω (60W)	10W, 20W, 40W & 8Ω (80W)
Magnet weight	270g	355g	465g
SPL @ 1W/1m	89dB	90dB	90dB
Max. SPL	100dB	103dB	105dB
Frequency response	80Hz - 20kHz	50Hz - 20kHz	50Hz - 20kHz
Cutout	180mmØ	205mmØ	255mmØ
Mounting depth	80mm	95mm	110mm
Dimensions	80 x 206mmØ	94 x 232mmØ	110 x 281mmØ
Weight	1.15kg	1.25kg	1.85kg

LPV 2 WAY LOW PROFILE 100V LINE CEILING SPEAKER







2-way ceiling speaker with flared baffle and a low profile magnetic grille. The main driver with concentric directional tweeter is operated via a rotary control with 5 x 100V volume tappings and an 8Ω option. Mount into suspended or false ceilings using the 4 'dog-ear' mounts to achieve a discreet, high quality sound installation.

- Rotary selector switch for 100V line tappings or 8Ω
- Fitted with 'dog-ear' mounts for fixing to suspended or false ceilings
- Grille can be painted to match decor





Discreet, low profile installation

Discreet, low profile installation

Ideal uses

High quality and powerful music playback in domestic or commercial environments where low profile ceiling installation is required.



Stock Code	952.260UK	952.261UK	952.262UK
Model	LP5V	LP6V	LP8V
Woofer	133mmØ (5.25")	165mmØ (6.5")	200mmØ (8")
Tweeter	38mmØ (1.5")	38mmØ (1.5")	44mmØ (1.75")
Frequency response	85Hz - 20kHz	70Hz - 20kHz	60Hz - 20kHz
Power max. : 8Ω	80W	100W	120W
Power rms : 8Ω	40W	50W	60W
Power rms : 100V line	20W	20W	50W
Cutout	176mmØ	202mmØ	245mmØ
Mounting depth	84mm	99mm	104mm
SPL @ 1W/1m	84dB (±2dB)	87dB (±2dB)	89dB (±2dB)
Tappings	2.5, 5, 10, 15, 20W & 8Ω	2.5, 5, 10, 15, 20W & 8Ω	10, 20, 30, 40, 50W & 8Ω
Dimensions	86 x 203mmØ	102 x 232mmØ	108 x 281mmØ
Weight	1.23kg	1.31kg	1.98kg



CC SERIES adastra **2 WAY 100V CEILING SPEAKER**







2-way quick fit ceiling speaker with PP mica bass driver and directional dome tweeter giving an excellent frequency response, all housed in a white polymer frame with metal grille.

- · Rotary selector switch for 100V line tappings or 8Ω
- Fitted with 'dog-ear' mounts for fixing to ceiling tiles 1-20mm in thickness

Ideal uses

Voice and music distribution for rooms with suspended ceilings, such as offices, restaurants, conference rooms and corridors.







Stock Code	952.184UK	952.153UK	952.155UK
Model	CC5V	CC6V	CC8V
Woofer	133mmØ (5.25")	165mmØ (6.5")	200mmØ (8")
Tweeter	38mmØ (1.5")	38mmØ (1.5")	44mmØ (1.75")
Frequency response	85Hz - 20kHz	70Hz - 20kHz	60Hz - 20kHz
Power max. : 8Ω	80W	100W	120W
Power rms : 8Ω	50W	50W	60W
Power rms: 100V line	20W	20W	50W
Cutout	166mmØ	193mmØ	238mmØ
Mounting depth	84mm	90mm	95mm
SPL @ 1W/1m	84dB (±2dB)	87dB (±2dB)	89dB (±2dB)
Tappings	2.5, 5, 10, 15, 20W & 8Ω	2.5, 5, 10, 15, 20W & 8Ω	10, 20, 30, 40, 50W & 8Ω
Dimensions	88 x 202mmØ	100 x 227mmØ	102 x 271mmØ
Weight	1.15kg	1.25kg	1.85kg

EC56V METAL QUICK FIT 100V CEILING SPEAKER







Metal framed ceiling speakers with a quick-fit design, suitable for mounting into almost any material.

All metal, flush fit grille fitted with quality speaker and 100V line transformer tapped at 1.5W, 3W and 6W.

- · Easy quick-fit mechanism
- · Slimline flush fitting grille
- Tappings @ 1.5W, 3W, 6W



Ideal uses

General purpose sound coverage for public and industrial buildings for voice announcements and background music.

Driver
Frequency response
Power rms: 100V line
Cutout
SPL @ 1W/1m
Mounting depth57mm
Dimensions
Weight





Stock Code	Description
952.168UK	100V Ceiling Speaker 5.25" 6W White
952.178UK	100V Ceiling Speaker 5.25" 6W Black

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EC36V 3" METAL BATHROOM 100V CEILING SPEAKER

Miniature ceiling speaker with metal frame and spring retainers for flush-mounting into ceilings or walls.

Fitted with a 100V transformer with tappings for 3W or 6W output and a 3" paper cone which is treated with a water-resistant coating to enable installation in wet areas, such as washrooms or food preparation areas.

Driver	75mmØ (3") coated paper cone
Frequency response	120Hz - 20kHz
Sensitivity	87dB
Cut-out dimensions	95mmØ
Mounting depth	
Dimensions	70 x 100mmØ
Weight	

Ideal uses

General purpose sound coverage for ancillary spaces, such as corridors and walkways and including humid utility areas and washrooms.

















PS SERIES PENDANT SPEAKER - WIDE ANGLE







Wide dispersion spheroid 2-way pendant speaker for use with high ceilings where regular ceiling speakers would be positioned too high to be efficient.

Each has a rotary switch on top for selecting 100V line tappings and 8Ω operation.

- Supplied with 4.5m cable and cable hook for hanging
- Selector for 4 x 100V line tappings + 8Ω



Ideal uses

Multi-point speaker coverage for buildings with high vaulted or suspended lattice ceilings. Ideal for supermarkets, hotels, and areas with high stairwells.



Stock Code	952.426UK	952.427UK	952.429UK	952.430UK
Model	PS50-W	PS50-B	PS65-W	PS65-B
Colour	White	Black	White	Black
Speaker size	125m	m (5")	165mm (6.5")	
Power rms @ 8Ω	20)W	30W	
Frequency response	50Hz - 20kHz		40Hz - 20kHz	
Impedance : 100V	500, 1k, 2k, 4kΩ		333, 666, 1.3k, 2.6kΩ	
Tappings	20W, 10W, 5W,2.5W + 8Ω		30W, 15W, 7.5W, 3.75W + 8Ω	
SPL @ 1W/1m	89dB		88	dB
Dimensions	180 x 245mmØ		195 x 2	70mmØ
Weight	2.366kg		2.91	l 6kg

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PH15 WATERPROOF ABS HORN SPEAKER



adastra

AH15 COMPACT ACTIVE WEATHERPROOF HORN SPEAKER

Compact format active horn speaker with built-in

Constructed from high impact ABS material with IP66

protection for reliable operation in all environments.

amplifier for indoor or outdoor use.



Compact waterproof horn speaker constructed from high impact ABS plastic.

Fitted with a high efficiency 15W compression driver for security announcements and public address in indoor or outdoor environments.

Perfect

support for

- Compact and lightweight ABS housing
- Adjustable stainless steel bracket
- · Hard-wired 70cm speaker lead



Stock Code 952.238UK

PH15 Waterproof ABS Horn Speaker

• Inbuilt amplifier circuit

- Power from 12Vdc 1.2A (not supplied)
- · Power and line level input on a single cable
- · Suitable for CCTV voice alerts





Stock Code	Description
952 103UK	AH15 Active Weatherproof Horn Speake

🗇 adastra

FRH50 FULL RANGE HORN SPEAKER

ABS full range horn speaker with 6.5" reverse mounted LF driver and front mounted 1" dome tweeter housed in an IP65 rated UV stabilised enclosure.

Unlike standard outdoor horn speakers, this powerful unit has a full range output and is therefore suitable for background music as well as public address.

- 6 volume tappings for 100V operation
- Low impedance tapping for 8Ω operation

Ideal uses

Full-range music playback and voice distribution in exposed outdoor areas such as festivals. markets, parade grounds and visitor centres.



952.067UK FRH50 Full Range Horn Speaker

Angle adjustable mounting



Power rating: rms.....

















RH SERIES RECTANGULAR HORN SPEAKER 100V

PA horn speaker with 100V transformer offering several different power settings. The housing is moulded from high impact ABS material to offer maximum protection against physical or weather damage.

Ideal uses

Exposed areas which require wide coverage for voice announcements and alerts, such as sports fields, festivals, transport terminals and outdoor events.

Stock Code	952.099UK	952.249UK
Model	RH15V	RH40V
Power rms	15W	40W
Power max	23W	60W
Frequency response	275Hz - 7kHz (±3dB)	180Hz - 7kHz (±3dB)
100V line tappings	2.5 / 5 / 10 / 15W	5 / 10 / 20 / 30 / 40W
Impedance	4k / 2k / 1k / 670Ω	2k / 1k / 500 / 330 / 250Ω
SPL @ 1W/1m	106dB	113dB
SPL @ rated power	118dB	129dB
Dimensions	312 x 255 x 152mm	450 x 405 x 202mm
Weight	1.48kg	3.33kg

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AH25 ACTIVE WEATHERPROOF HORN SPEAKER 25W

Active horn speaker with adjustable bracket for indoor or outdoor use. Low voltage power and line level audio are connected via a single 4-core cable for convenience.

Designed for voice alerts in CCTV and security systems or as a self-contained add-on for existing public address installations.

Ideal uses

Standalone or additional voice alert coverage for outdoor and industrial areas, such as forecourts, assembly points, work yards, and CCTV installations.





- Power from 12Vdc 2A (not supplied)
- · Power and line level input on a single cable
- Recommended power supply: 660.451UK

.... 12Vdc, 2A (not included) Construction . . ABS moulded body, metal bracket Connection....Hard-wired cable (power + line in) Output power: max..... Dimensions 295 x 255 x 150mm Weight.....

952.102UK AH25 Active Weatherproof Horn Speaker 25W

T 0161 749 8180

E sales@avslgroup.com

HD SERIES HEAVY DUTY 100V HORN SPEAKER

Heavy duty round horn speaker for voice alerts and public address in outdoor or indoor areas.

Tested to withstand the harshest elemental conditions and suitable for industrial installations, this speaker offers reliable and consistent performance in almost any environment.

• Tested to extreme temperatures (-55°C to +70°C)

Ideal uses

Voice and sound alerts in adverse weather conditions and areas with extreme temperatures, including airfields, boatyards, storage sheds and other exposed areas.

Construction	.Aluminium flare, ABS reflex and rear cover
Driver	. Fibreglass diaphragm compression driver
Impedance (nominal)	8Ω (transformer bypassed)
Operating temperature range	55°C to +70°C
Frequency response	400Hz - 5kHz
Colour	RAL7042

Stock Code	952.270UK	952.271UK	952.272UK
Model	HD20V	HD30V	HD50V
Tappings	7.5W, 15W, 20W, COM	5W, 10W, 30W, COM	12.5W, 25W, 50W, COM
SPL @ 1W/1m	102dB	103dB	105dB
Dimensions	280 x 240mmØ	340 x 290mmØ	362 x 343mmØ
Weight	1.993kg	2.449kg	2.607kg





MH SERIES ROUND HORN SPEAKER 100V

PA horn speaker with 100V transformer offering several different power settings.

The housing is moulded from high impact ABS material to offer maximum protection against physical or weather damage.

Reflex loading and a conical flared aperture ensures efficient and directed sound delivery over large areas.



Ideal uses

Sound alerts and voice announcement coverage in medium to large exposed outdoor zones and industrial environments.



Stock Code	952.265UK	952.266UK	
Model	MH15V	MH30V	
Power handling : rms	15W	30W	
100V line tappings	2.5W, 5W, 10W, 15W	5W, 10W, 15W, 20W, 30W	
Frequency response : ±3dB	275Hz - 7kHz	180Hz - 7kHz	
Impedance	$4k$ / $2k$ / $1k$ / 670Ω	$2k$ / $1k$ / 670Ω / 500Ω / 330Ω	
SPL @ 1W/1m	106dB	111dB	
Dimensions	295 x 230mmØ	315 x 310mmØ	
Weight	1.44kg	1.77kg	



EH SERIES RECTANGULAR HORN SPEAKER







Rectangular shaped 100V line PA horn speaker ideal for general purpose and standard industrial installations.

All models are moulded from durable ABS in an ivory colour and fitted with a high performance 100V line matching transformer and 350mm of 2 core double insulated connecting cable.

· Rotary volume tapping switch





O adastra



Distributed voice announcements and security alerts for industrial and public areas that maybe exposed to the elements.

IP rating	IP56
Cable: length	350mm



Stock Code	952.25/UK	952.258UK	
Model	EH15V	EH30V	
Power rms	15W	30W	
Frequency response	500Hz - 7kHz	350Hz - 5kHz	
SPL @ 1W/1m	100dB	108dB	
Impedance	670, 1.3k, 330, 670, 1k, 2 2.6k, 8Ω 3.3k, 10kΩ		
Tappings	15W, 7.5W, 3.75W and 8Ω	30W, 15W, 10W, 5W, 3W, 1W	
Dimensions	233 x 220 x 158mm 236 x 205 x 18		
Weight	1.4kg	1.8kg	

adastra

CH15 LOW IMPEDANCE HORN 8" 15W

A low impedance round PA horn for general purpose and contract industrial installations.

Fitted with sturdy steel adjustable mounting brackets and 120mm of good quality two core speaker cable.

Ideal uses

Voice announcements and alerts from standard low impedance amplifiers for warehouses, garage forecourts, transport platforms and other exposed areas.

Power rms
Frequency response 300Hz - 8kHz
SPL @ 1W/1m 100dB
Impedance
IP ratingIP33
Cable: length
Dimensions
Weight 850g



Stock Code	Description	
952.237UK	Low impedance horn, 8Ω, 15W rms	

₩ citronic

CLASS-H HYBRID POWER AMPLIFIERS

Lightweight power amplifiers in a 19" rack-mountable housing for generating high sound pressure levels in medium to large sound reinforcement systems.

H-series amplifiers employ a new hybrid class-H architecture, which combines the streamlined efficiency of a digitally controlled power section design with the power delivery and stability of a professional class-H output stage.

- · Hybrid class-H circuit design
- Digitally controlled and monitored power section
- · Backlit LCD status display
- Full internal thermal and overload protection
- Stable down to 2Ω (4Ω bridged)







120Hz

low-pass



H2400







H3200







Power supply Amplifier: construction	
ProtectionShort/oper	n circuit, thermal, RF, DC fault,
	on/off mute, active inrush
Frequency response	20Hz-20KHz ±0.5dB
Crossover Switchable full range	or fixed 120Hz low-pass filter
THD +N	
S/N ratio	95dB
Damping factor	>700
Input sensitivity	1.0V - 1.4V - 2.0V switchable
Input impedance20KΩ (I	balanced),10KΩ (unbalanced)

Stock Code	172.117UK	172.125UK	172.132UK
Model	H1600	H2400	H3200
Fuse	T6AL 250V	T8AL 250V	T10AL 250V
Power rms @ 8Ω	2 x 450W	2 x 600W	2 x 800W
Power rms @ 4Ω	2 x 650W	2 x 900W	2 x 1200W
Power rms @ 2Ω	2 x 800W	2 x 1200W	2 x 1600W
Bridge power @ 8Ω	1200W	1800W	2400W
Bridge power @ 8Ω	1600W	2400W	3200W
Weight	6.8kg	7.0kg	8.9kg
Dimensions	483 x 361 x 44 mm	483 x 361 x 44 mm	483 x 361 x 88 mm



D-SERIES CLASS-D POWER AMPLIFIER



Stereo power amplifier in a lightweight 1U rack-mountable housing.

Class-D circuit architecture efficiently converts power into impactful audio for driving medium to large speaker cabinets.

Custom cool guide technology ensures consistent and reliable operation and an inbuilt limiter circuit engages at peak output to prevent speaker overload.

- Cool and efficient operation even at high output
- Compact and lightweight 1U rack format



D300





D600





D1000





Power supply	220-240Vac, 50/60Hz (IEC)
Modes	Stereo, Parallel (mono), Bridge (mono)
Input sensitivity	0.775V - 1.0V - 1.44V switchable
Low-cut filter	75Hz switchable
Input connectionsL+I	R XLR female (L+R XLR male through)
Output connections L+R	SPK connectors (+1 for bridge mode)
Dimensions	482 x 245 x 44mm

Stock Code	172.103UK	172.106UK	172.110UK
Model	D300	D600	D1000
Fuse	T6.3A (20 x 5mm)	T8A (20 x 5mm)	T10A (20 x 5mm)
Power rms @ 4Ω	2 x 150W	2 x 300W	2 x 500W
Power rms @ 8Ω	2 x 75W	2 x 150W	2 x 250W
Bridge power @ 8Ω	1 x 300W	1 x 600W	1 x 1000W
Weight	3.50kg	3.77kg	3.93kg

d citronic

PLX SERIES POWER AMPLIFIERS



19" rackmount 2U power amplifiers with dual fan cooling and class H architecture for safe, reliable power delivery. Balanced inputs via XLR sockets, speaker outputs on 2 SPK connectors or 4mm binding posts.

High power output stable down to 2Ω load per side can also be bridged mono to $4\Omega.$ Switchable ground lift, bridge mode and clip limiter.

- Bridge mode for high power mono operation
- Output stable down to 2Ω







Power supply 230Vac, 50Hz (IEC) Controls Level channel 1, level channel 2,
ground, mode, clip limiter
Input impedance
Frequency response
Total harmonic distortion 0.05%
Slew rate
Damping factor
ProtectionShort-circuit, overload,
D.C. and thermal protect
Dimensions

Stock Code	172.214UK	172.216UK	172.218UK
Model	PLX2000	PLX2800	PLX3600
Fuse	F8A (6 x 32mm)	F12A (6 x 32mm)	F15A (6 x 32mm)
Power rms : 2Ω	2 x 1000W	2 x 1400W	2 x 1800W
Power rms : 4Ω	2 x 700W	2 x 1050W	2 x 1350W
Power rms : 8Ω	2 x 400W	2 x 600W	2 x 800W
Power rms bridge : 4Ω	1700W	2300W	2900W
Power rms bridge : 8Ω	1250W	1750W	2300W
Weight	22.5kg	25kg	26kg





de citronic

P44800 **STEREO & SUB POWER AMPLIFIER**

2.1 power amplifier with 2 channels for mid-top cabinets and a single high power sub output with integral active crossover. Designed as a cost effective and efficient solution for bi-amplified sound systems where subs and top cabinets are run together from this single amplifier.





- · Mono summed sub output (can be full range)
- · Active crossover with variable frequency



Power supply	240Vac, 50Hz (IEC)
Input impedance (balanced/unbalanced)	40kΩ / 20kΩ
Controls	3 x channel level + crossover frequency
Connections	3 x XLRF, 3 x jack, 3 x SPK
Cut-off frequency	50 - 250Hz (12dB/oct)
Damping factor	>250 (20-400Hz @ 8Ω
Slew rate	6.5V/us
Fuse rating	F12A

Power rms @ 8Ω
Power rms @ 4Ω
Frequency response
THD +N
Signal to noise ratio
Low-cut filter
Dimensions
Weight

172.248UK P44800 amp 2 x 400W + 800W sub



QP SERIES QUAD POWER AMPLIFIERS

A range of quad power amplifiers with 4 fully independent channels and individual volume controls. Fully balanced line inputs and parallel outputs allow signal daisy-chaining to further amplifiers.









- · Fully balanced signal path
- Stable down to 2Ω



Stock Code	172.241UK	172.243UK
Model	QP1600	QP2320
Fuse rating	F8A	F12A
Power rms @ 8Ω	4 x 200W	4 x 300W
Power rms @ 4Ω	4 x 300W 4 x 4	4 x 450W
Power rms @ 2Ω	4 x 400W	4 x 580W
Weight	22kg	23.5kg

Power supply
Input : line
Output: line4 x XLRM (parallel from inputs)
Input impedance
Frequency response
THD
Slew rate
S/N ratio
Controls4 x channel gain
Speaker: outputs
Circuit protection
Dimensions 483 x 439 x 88mm

⊚qtx

Q SERIES STEREO POWER AMPLIFIERS

Stereo workhorse power amplifiers with multiple input and output connection options. Designed for accurate and reliable service for venues, DJs and performers.





Stock Code	172.051UK	172.052UK	172.054UK	172.055UK
Model	Q240	Q480	Q600	Q1000
Fuse rating	T2A (240V) / T4A (110V)	T5A (240V) / T10A (110V)	T5A (240V) / T10A (110V)	T5A (240V) / T10A (110V)
Power max : 4Ω	2 x 120W	2 x 240W	2 x 300W	2 x 500W
Power rms : 4Ω	2 x 60W	2 x 120W	2 x 150W	2 x 250W
Power rms : 8Ω	2 x 40W	2 x 80W	2 x 100W	2 x 160W
Dimensions	482 x 240 x 88mm	482 x 300 x 88mm	482 x 300 x 88mm	482 x 380 x 88mm
Weight	5.2kg	6.45kg	7.35kg	9kg





- SPK, 6.3mm jack or 4mm post outputs
- Fan cooled
- 19" rack-mountable (2U)



Power supply
Input sensitivity
THD<0.5%
Output connectors

@qtx

QA SERIES POWER AMPLIFIERS

Professional dual channel power amplifiers delivering high quality, dependable performance at an affordable price. Design of these workhorse amplifiers focuses on high power delivery without over-complicated features.





Stock Code	172.020UK	172.025UK
Model	QA400	QA1000
Fuse rating	T5A (240V) / T10A (110V)	T5A (240V) / T10A (110V)
Power max : 4Ω	2 x 200W	2 x 500W
Power rms : 4Ω	2 x 100W	2 x 250W
Power rms : 8Ω	2 x 70W	2 x 170W
Dimensions	88 x 482 x 270mm	88 x 482 x 340mm
Weight	6.8kg	9.1kg





- High power delivery
- Overheat/overload protection
- ${\mbox{\footnotesize{$\cdot$}}}$ Balanced and unbalanced inputs
- 2U 19" rack mountable



Power supply110/240Vac, 50/60Hz (IEC)
THD
SNR90dB
Inputs Combo (6.3mm jack + XLR) and RCA
Outputs SPK, 6.3mm jack and 4mm binding posts



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A22 COMPACT STEREO PA AMPLIFIER







Digital stereo PA amplifier with integral media player in a compact housing.

Class-D amplifier section can deliver up to 2 x 55W max. output for background music with a microphone input for announcements or alerts. Playback can be controlled from the front panel or by the supplied I.R. remote control.

Combine with 2 or 4 speaker units for a truly space-saving sound system with comprehensive and easy-to-use functions.

- · Compact and easy-to-use control panel
- · Bluetooth receiver
- FM tuner
- · USB/microSD mp3 player
- · Supplied with I.R. remote control
- · Mic input with separate volume control



Stock Code	Description
953.422UK	A22 Compact Stereo PA Amplifier

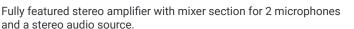




Output impedance Output power rms @ 80 2 x Output power rms @ 40 2 x Inputs: line	

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A2 STEREO PA AMPLIFIER 2 x 200W



An inbuilt media player section offers playback of mp3 audio tracks from USB drive or SD card and also has a Bluetooth receiver and FM radio tuner.

A rotary switch selects between 2 rear stereo inputs, a front 3.5mm stereo input or the built-in media player.

- FM radio tuner with external aerial connection
- · Bluetooth receiver



Ideal uses

Designed to offer installers a flexible solution for P.A. and music playback in bars, restaurants and function rooms.

Stock Code	Description
953.402UK	A2 Stereo PA Amplifier 2 x 200W

Power supply
Fuse
Output power rms @ 4Ω 2 x 200W
Output power rms @ 8Ω 2 x 100W
Amplifier: construction Class D
Frequency response 20Hz - 20kHz ±0.5dB
Microphone inputs 2 x 6.3mm jack (mono)
Line inputsLine 1: L+R (6.3mm jack/RCA), Line 2: L+R (RCA)
Input sensitivity: line 0.775Vrms
Input sensitivity: aux 0.480Vrms
Input impedance20k Ω (balanced), 10k Ω (unbalanced)

Bluetooth°





Audio source . USB/SD mp3 playback, FM tuner, BT receiver Input controls Aux, Media, Line1, Line2, Mic1, Mic2, Talkover Line output. Speaker outputs 4mm binding posts (2 channels) Antenna connection F type (FM tuner) Output controls Source select, Bass, Treble, Ch1, Ch2 Dynamic range92dB Protection. Thermal, over-current, over-voltage, short-circuit

A4 DUAL STEREO PA AMPLIFIER 4 x 200W





Fully featured PA amplifier with 2 independent stereo zone outputs and mixer section for 2 microphones and a stereo audio source.

An inbuilt media player section offers playback of mp3 audio tracks from USB drive or SD card. It also has a Bluetooth receiver and FM radio tuner.

2 pairs of speaker connections on the rear panel are via 4mm binding posts, which can drive up to $2 \times 8\Omega$ speakers on each of the 4 channels to deliver up to 4×200 W.

- Independent stereo playback to 2 separate zones
- Media player with USB/SD playback





Ideal uses

Designed to offer installers a comprehensive dual zone PA for bars, restaurants and function rooms.

Stock Code	Description
953.404UK	A4 Dual Stereo Amplifier 4 x 200W

Power supply
Fuse
Output power rms @ 4Ω
Output power rms @ 8Ω4 x 100W
Amplifier: construction
Frequency response 20Hz - 20kHz ±0.5dB
Microphone inputs
Line inputs Line 1: L+R (6.3mm jack/RCA), Line 2: L+R (RCA)
Input sensitivity: line
Input sensitivity: aux
Input impedance $20k\Omega$ (balanced), $10k\Omega$ (unbalanced)

Audio source USB/SD mp3 playback, FM tuner, BT receiver
Input controls Aux, Media, Line1, Line2, Mic1, Mic2, Talkover
Line output4 x RCA
Speaker outputs 4mm binding posts (2 channels)
Antenna connection
Output 2 xsource select, 2 xBass, 2 xTreble, Ch1, Ch2, Ch3, Ch4
Dynamic range
THD +N<0.1%
Protection Thermal, over-current, over-voltage, short-circuit
Dimensions
Weight

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A SERIES MULTI ZONE STEREO AMPLIFIERS

Multi-zone amplifiers with 2 microphone inputs and a switchable stereo input for each zone.

An inbuilt media player section offers playback of mp3 audio tracks from USB drive or SD card and also has a B/T wireless receiver and FM radio tuner.

Designed for installations requiring high quality stereo sound in multiple rooms or listening areas.

- · Available with 3 or 4 independent stereo outputs
- · Media player with USB/SD playback
- Bluetooth wireless receiver





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Power supply
FuseF5A, 250V
Amplifier: construction Class D
Frequency response 20Hz - 20kHz ±0.5dB
Microphone inputs 2 x 6.3mm jack (mono)
Line inputs Line 1: L+R (6.3mm jack/RCA), Line 2:
L+R (RCA)
Input sensitivity: line 0.775Vrms
Auxiliary input

Input sensitivity: aux 0.480Vrms
Input impedance $20k\Omega$ (bal), $10k\Omega$ (unbal)
Audio source USB/SD mp3, FM tuner, B/T receiver
B/T wireless version
Input controls Aux, Media, Line1+2, Mic1+2, Talkover
Antenna connection F type (FM tuner)
Protection Thermal, over-current, over-voltage,
short-circuit
Dimensions

Stock Code	953.406UK	953.408UK
Model	A6	A8
Line output	6 x RCA	8 x RCA
Output power rms @ 4Ω	6 x 200W	8 x 200W
Output power rms @ 8Ω	6 x 100W	8 x 100W
Speaker outputs	3 x 4-terminal Euroblock	4 x 4-terminal Euroblock
Output controls	3 x source select, Ch1 - Ch6 level	4 x source select, Ch1 - Ch8 level
Weight	8.26kg	8.96kg



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MM3260 RACKMOUNT 1U MIXER-AMP WITH USB/FM/BLUETOOTH - 2 x 60W

Media player with USB

playback and FM tunei

Media

player with USB playback

and DAB+/FM

tuner



Bluetooth°

Rack-mountable 1U mixer-amp with built-in media player and Bluetooth receiver. 3 mono inputs connect via XLR mic or line input (switchable). Each of these inputs has switchable +20V phantom power for use with condenser mics or D.I. boxes and channel 1 has a variable priority function.

Perfect for local area background music and announcements or can be connected to further amplifiers for larger installations.



MM3260 Mixer-Amp 1U 2 x 60W

Power supply 100-240Vac, 50/60Hz (IEC) Fuse
Output power: 4Ω
Inputs: mic/line3 x XLR (bal/unbal)
Inputs: aux 2 x L+R RCA
Input: line 3.5mm jack to media player
Audio source Bluetooth receiver, USB & FM player
Line outputL+R XLR, Record out (RCA)
Speaker outputs L+R screw terminal (Euroblock)

Controls . . Media, 3 x Mic/Line, 2 x Aux, Treble, Bass, Emergency control 24V contacts mute all except ch1 Rear panel controls . . . Priority muting level, mic/line and phantom DIP switches Input impedance $2.2k\dot{\Omega}$ (mic/line), $10k\Omega$ (aux) Signal to noise ratio mic 55dB - aux/line 60dB Weight 1.96kg

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953.029UK

MM240 RACKMOUNT 1U MIXER-AMP WITH USB/DAB+/FM/BLUETOOTH - 2 x 120W

Rack-mountable 1U mixer-amp featuring a built-in media player with DAB+ and Bluetooth receiver. 3 mono inputs connect via XLR microphone or line input (switchable).

Each of these inputs has switchable +20V phantom power for use with condenser microphones or D.I. boxes and channel 1 has a variable priority function.

Connect 2 or 4 speakers for a complete music and voice installation or mobile PA system for functions, conferences and fitness classes.



Power supply 1 Fuse	
Output power : 4Ω	
Inputs: mic/line	3 x XLR (bal/unbal)
Inputs:aux	2 x L+R RCA
Input: line	
Audio source . DAB+/FM tur	
Line output	
Speaker outputs	L+R SPK connector

Controls . . Media, 3 x Mic/Line, 2 x Aux, Treble, Bass, Master level Emergency control 24V contacts mute all except ch1 Rear panel controls . . . Priority muting level, mic/line and phantom DIP switches Input impedance 2.2kΩ (mic/line), 10kΩ (aux) Signal to noise ratio Weight 1.96kg



A200 COMPACT MIXER-AMP 2X100W

Digital stereo PA amplifier with integral media player and a class-D amplifier section delivering up to 2 x 100W max. output for background music with a microphone input for announcements or alerts.

The A200 can deliver power that belies its compact dimensions, capable of powering larger background speakers up to medium-sized PA speakers.



953.425UK A200 Compact Mixer-Amp 2x100W Supplied with 4 rotatable mounting brackets









Bluetooth°



Inputs: line

230Vac, 50Hz (IEC) Power supply. Speaker: impedance 4 - 8 Ohms (each channel) Output power: 8 Ohms

2 x 35W rms / 2 x 55W class-D (@ 1kHz 10% THD) Output power: 4 Ohms

2 x 55W rms / 2 x 100W max. (@ 1kHz 10% THD)

.Aux 1 (3.5mm), Aux 2 (L+R RCA), Aux 3 (L+R RCA) Input: mic... 6.3mm jack Controls ... Mic Volume, Treble, Bass, Music Volume Antenna connection ... F-type (FM tuner)
Dimensions ... 215 x 180 x 43mm Weight.....1.015kg

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S260-WIFI INTERNET STREAMING AMPLIFIER







Bluetooth°

@adastra

Class-D miniature amplifier delivering up to $2 \times 60 \text{W}$ output with Bluetooth and WiFi streaming capability.

Controlled from an Android or iOS smart phone, the S260-WIFI is compatible with freely available apps to stream music and podcasts directly from a WiFi network.

Provides a versatile 'hands off' background music solution for continuous playback of music from internet services or a choice of other sources for bars, cafes, restaurants, reception areas and house parties.

- Free WiiM Legacy Player app for Android or iOS
- 2 x 60W class-D amplifier
- · Bluetooth receiver
- USB/microSD player
- · Stereo AUX line input



Stock Code Description

103.126UK S260-WIFI Multi-Streaming Amplifier 2 x 60W





Output impedance	24Vdc, 3A (in-line adaptor included)
Wireless connection	



S460-WIFI INTERNET MULTI STREAMING AMPLIFIER

Class-D dual stereo amplifier delivering up to 4 x 60W output with Bluetooth and internet streaming capability.

Controlled from an Android or iOS smart phone, the S460-WIFI is compatible with freely available apps to stream music and podcasts directly from a WiFi or wired RJ45 network connection.

Provides a versatile background music streaming solution for continuous playback of music from internet services or a choice of other sources for bars, cafes, restaurants, reception areas and house parties.

- Free WiiM Legacy Player app for Android or iOS
- 2 individual 2 x 60W amplifiers
- Bluetooth connectivity
- USB audio player
- Internal power supply
- · Built-in WiFi receiver







contro

WiFi

streaming

with smart phone

contro









Stock Code Description

103.146UK S460-WIFI Multi-Streaming Amplifier 4 x 60W



@ qtx

KAD-2 DIGITAL STEREO AMPLIFIER

This compact digital amplifier has four selectable inputs, two microphone inputs and is capable of delivering up to 55W max. per side.

Mic volume, tone and echo effects are adjustable through rotary controls.

Master Volume, Treble and Bass rotaries control tone and overall output. A multi-purpose amplifier suitable for both domestic and commercial use.

- A high output power of 55W max. per side
- 3.5mm stereo line input on the front panel
- · 3 stereo line inputs on RCA
- 2 x 6.3mm microphone inputs
- · Spring clip speaker output terminals





$\begin{array}{cccccccccccccccccccccccccccccccccccc$
Stock Code Description

KAD-2 Digital stereo amplifier

@qtx

KAD-2BT DIGITAL STEREO AMPLIFIER WITH BLUETOOTH

This compact digital amplifier has three selectable stereo inputs, two microphone inputs and is capable of delivering up to 55W max. per side.

Mic volume, tone and echo effects are adjustable through rotary controls. Master Volume, Treble and Bass rotaries control tone and overall output.

Also features built-in media player, Bluetooth connectivity and FM receiver.

- 3.5mm stereo line input on the front panel
- Efficient Class D digital amplifier
- 2 stereo line inputs on RCA
- 2 x 6.3mm microphone inputs
- · Spring clip speaker output terminals





Bluetooth°

103.120UK

Power supply. 230Vac, 50Hz (IEC) Output impedance 4 - 8Ω Input sensitivity: line 380mV Input sensitivity: mic (unbalanced) 15mV Output power: 8Ω 2 x 25W rms / 2 x 40W max. (EIAJ Standard @ 1kHz 10% THD) Output power: 4Ω 2 x 35W rms / 2 x 55W max. (EIAJ Standard @ 1kHz 10% THD) Finish Black	
Finish. Black Dimensions 200 x 200 x 65mm Weight 1.6kg	

Stock Code	Description
103.122UK	KAD-2BT Digital stereo amplifier with Bluetooth

IWA IN-WALL AMPLIFIERS WITH BLUETOOTH



Stereo amplifier units for background music and public address in a minimalist housing for installation into cavity walls and ceilings.

For discreet and trouble-free installation without any need for table-top or cabinet installation, these amplifiers can be combined with many different speaker types to provide the ideal sound system for any small to medium space or deployed in numbers to create a wide area sound installation.

Optical digital audio input

- Fig.8 mains power input
- Bluetooth on/off defeat switch
- 3.5mm stereo AUX input and output
- Onboard master volume control
- · Bluetooth with unique serial ID









Stock Code	953.081UK	953.083UK	953.085UK
Model	IWA215B	IWA230B	IWA415B
Output power rms : 4Ω	2 x 15W	2 x 30W	4 x 15W

Power Supply 100-24	UVac, 50/60HZ (IIg.8)
Bluetooth version	5.0
Minimum impedance	4Ω per output
Line input 3.5mm stereo aux 8	& optical digital audio
Line output	3.5mm stereo jack
Dimensions	122 x 89 x 33mm
Weight	150g



WA-215 IN-WALL AMPLIFIER & CEILING SPEAKER SET

Complete installation set comprising a WA-215 wall amplifier with inbuilt media player and Bluetooth, and a pair of 165mm (6.5") 15W ceiling speakers with 10m speaker cable.

Provides a full background music system for discreet installation in the home or commercial premises.

- Touch operated control panel
- Audio playback from USB or microSD
- · Inbuilt FM tuner
- · IR remote control





WA-215 WALL MOUNT AMPLIFIER & MEDIA PLAYER

Compact amplifier built into a touch operated single gang wall plate with inbuilt media player and Bluetooth connectivity.















Power supply100-24	0Vac, 50/60Hz (Euroblock terminal)
Rated output power	2 x 15W @ 8Ω
Minimum impedance	8Ω (each output)
Cutout	170mmØ (each speaker)
SPL	98dB (1W, 1m)
Mounting depth4	47mm (amplifier), 80mm (speakers)
THD	<0.03% @ 1kHz, 1W
SNR	>98dB
Frequency response	100Hz - 15kHz (speakers)
Audio format	mp3, wma, wav
Dimensions 76 x 188mmØ (s	peaker), 86 x 86 x 50mm (amplifier)
Weight	00g (each speaker), 152g (amplifier)

Stock Code	Description
953.137UK	WA-215 In-Wall Amplifier & Ceiling Speaker Set



RM-SERIES 100V MIXER-AMPLIFIER WITH DAB+/USB/SD/BLUETOOTH





5-channel 19" rack-mountable mixer-amplifier, tailored to commercial sound installations to power 100V line speakers or standard speakers down to a 4 0hm load. Input options include XLR (with switchable phantom power), mic/line jack, and RCA line.

Features an inbuilt DAB+/FM radio tuner, front-mounted SD/USB ports, and Bluetooth connectivity, all controlled via an integrated media player for hassle-free playback.

A switchable 'voiceover' feature automatically lowers the background music volume when a signal is detected via mic input 1, and rear panel 24V contacts can mute all except mic input 1 when triggered.





Switchable 'voiceover' feature

Unique serial Bluetooth ID numbers













Controls	. Mic1, mic/line2+3, line4+5, bass, treble, master volume
Equaliser: bass	
Equaliser: treble	
Rear panel switches	
Phantom power	+20V (mic 1 XLR, switchable)
Audio source	DAB+/FM tuner, USB/SD player, Bluetooth receiver
Emergency control	24V contacts - mute all except Mic.1 when triggered
Bluetooth version	
THD	<1.0%

Stock Code	953.223UK	953.224UK	953.225UK	953.226UK
Model	RM60D	RM120D	RM240D	RM360D
Fuse	T2A	T3.15A	T5A	T5A
Power : output	60W	120W	240W	360W
Dimensions	433 x 320 x 88mm	433 x 320 x 88mm	433 x 320 x 88mm	433 x 410 x 88mm
Weight	4.98kg	6.36kg	7.37kg	9.14kg



"I've been using Citronic and Adastra products for many years now due to their unrivalled quality and reliability, both offer very good value for money in a market place that is price driven."

David Hunter -Pegasus Sound & Light



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RM1202 2-ZONE MIXER-AMPLIFIER WITH USB/SD/FM/BLUETOOTH





Mixer-amplifier with 2 separate 120W outputs to 100V or 4/8Ω speakers. Inputs for mic, 2 x mic/line and 2 line inputs with an integral USB/SD/FM player and Bluetooth receiver can be enabled independently to either of the 2 zones.

Mic 1 channel has a variable override and switchable phantom power for use with condenser microphones. Designed for installations where independent paging and audio to 2 separate zones is needed.

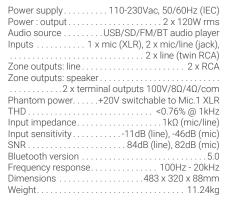




- · Can be configured as a stereo 100V amplifier
- · Switchable +20V phantom power
- · Switchable priority for channel 1
- · 5 input channels

Stock Code	Description
953.163UK	RM1202 Mixer-Amp 2 x 120W + USB/SD/FM/BT





Integral USB/ SD/FM audio player



RM406 100V MIXER AMPLIFIER 6 x 40W WITH USB/SD/FM/BLUETOOTH



Each zone can be monitored from the front panel via a headphone output with volume control. 3 mic/line inputs, 1 AUX input and an integral USB/SD/FM player with Bluetooth receiver can be matrix switched to any of the 6 zones independently.

Designed for multi-room systems requiring different audio sources.





Bluetooth°



+20V phantom power



- · 6 independent output zones
- · 3 mic/line and 1 auxiliary input
- · Mic priority and chime functions

Stock Code	Description
953.160UK	RM406 Mixer-Amp 100V 6 x 40W + USB/SD/FM/BT



Power supply170-264Vac, 50Hz (IEC)
Power output 6 x 40W rms
Amplifier Class D + transformer outputs
Audio source USB/SD/FM/BT audio player
Inputs 3 x mic/line (XLR/jack), auxiliary 2 x RCA
Zone outputs: line 6 x RCA (mono)
Phantom power 6 x terminal outputs
100V / 8Ω / 4Ω / Com
Monitor outputs +20V switchable to each XLR
6.3mm stereo phones, 2 x RCA line
Mute+24V relay contacts
THD < 0.76% @ 1kHz
Input impedance1k Ω (mic/line)
Input sensitivity11dB (line), -46dB (mic)
SNR
Bluetooth version
Frequency response 100Hz - 24kHz
Dimensions 433 x 89 x 302mm
Weight11kg

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RMC120 5 CHANNEL 100V LINE MIXER AMPLIFIER WITH CD/USB/SD/FM





100V line mixer-amplifier with integral sound source. 5 input channels include a balanced XLR microphone input with switchable phantom power and Vox override, 2 mic/line jack inputs and 2 RCA line inputs.

A built-in CD player provides audio playback alongside a USB/SD media player with an integral FM radio tuner. Bass & Treble EQ and Master volume control the overall output, which can power either low impedance or 100V line speakers.



- USB/SD/FM audio player
- External D.C. power option

Stock Code	Description
953.141UK	RMC120 mixer-amp 120W with CD/USB/SD/FM





Power supply110/240Vac, 50/60Hz (IEC)
DC power
Power: output120Wrms
Output:signal2 x RCA
Inputs Mic XLR, 2 x mic/line jack, 2 x RCA line
Input sensitivity: mic 1 (balanced)53dBV
Input impedance : mic 1
Input sensitivity: line (unbalanced)15dBV
(-18.5dBV line 5)
Input impedance : inputs 2-5 $1k\Omega$
Controls Mic1, mic/line2+3, line4+5 (USB), bass,
treble, master volume
Audio source Integral CD player & USB/SD/FM
Equalizer: bass
Equalizer: treble 10kHz ±10dB
Rear panel switches Phantom, Vox, Mic/Line (2 + 3)
Outputs : speaker $100V / 8\Omega / COM$ terminals
Phantom power +20V (MIC 1 input)
THD<1.0%
Dimensions
Weight9kg

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RM244V 100V MIXER AMPLIFIER **WITH 4-ZONE PAGING**

240W mixer-amplifier with 3 mic/line inputs, 1 AUX input and a built-in media player. Connections for mic/line inputs are jack or XLR and channel 1 input has a variable mute for priority override.

24V contacts can be connected to a fire alarm panel for emergency evacuation if required. The media section can provide playback from Bluetooth, USB/SD media or an FM tuner.



· Send/return loop for connection to audio processors or amplifiers

Stock Code	Description
953.244UK	RM244V Mixer-amp with 4-zone paging











Power supply	. 110/230Vac, 50/60Hz (IEC)
Output power: rms	240W (shared across
	4 zones @ 100V)
Inputs 3 x mic/li	ine (jack/XLR), 1 x aux (RCA)
	47dBV
	10dBV
	1kΩ
	2 x RJ45
	r optional CS-4 call stations)
	Pre out, amp in (RCA)
	I, Ch2, Ch3, Media & Aux vol.
	4 x zone volumes & mutes
	100Hz ±10dB
	10kHz ±10dB
	+20V (switchable inputs 1-3)
	player, FM tuner & Bluetooth
	24V screw terminals
	<2% @ 1kHz (rated power)
	ort circuit, overload, overheat
	00V (modular terminal block)
	10.4kg



RM4460 ZONING 100V MIXER-AMP 4 X 60W





1U 19" rack-mountable quad amplifier with 4 input channels and 4 independent speaker outputs.

An internal media player can play audio files from a USB pen drive, tune to FM radio stations or connect via Bluetooth to a smartphone for wireless playback of stored audio tracks.

A paging mic input has switchable Vox function to override other channels.

An optional CS4 call station may be added if specific area paging is needed, providing a fully independent and flexible zoning system for background music, recorded information and announcements.







Power supply	100/240V20 50/60Hz (IEC)
Fuse rating	
Inputs Paging r	
Input connections 3 x XLR, 1 x RCA/sc	
Output connections 4 x 100V (+,	
Call station input	
Fire alarm contacts	24V screw terminals
Output power:rms	4 x 60W (100V or 4 ohm)
Input sensitivity: mic	
Input impedance: mic	
Input sensitivity: line	
Input impedance : line	
Input sensitivity: call station.	
Input impedance : call station	
Equaliser: troble	
Equaliser: treble	
THD +N	
Protection	
Dimensions	
Weight	
-	· ·

Stock Code	Description
953.446UK	RM4460 Zoning 100V Mixer-amplifier 4 x 60W
700.4400K	NVI-1-00 Zoning 100 V Wince amplifier 4 X 00 VV



RMS-SERIES MULTI ZONE 100V AMPLIFIER





Multi-channel 100V slave amplifier with independent outputs for 100V or 4-16 Ohm speakers.

Each amplifier channel has its own independent line input, which can be switched to a global auxiliary, providing the option of the same input to several of the amplifier channels if required.

A paging microphone input is provided for voice alerts and a 24V mute terminal can be connected to an alarm panel for emergency evacuation override. The RMS-series amplifiers can be applied as high power slave units or equally as a fully independent zoning system for a multi-room installation.

Independent inputs and optional global **AUX** input



- Paging microphone input with vox override
- Switchable +20V phantom power for paging microphone
- 24V contacts for emergency muting





Power supply	
	Balanced XLR (rear panel)
Mic controls	Gain, Bass, Treble & Vox (rear panel)
Auviliant innut	LIDDOA

Output controls	Level, Bass, Treble & Ch/Aux switch
Phantom power	+20V switchable (paging mic)
Emergency control	24V mute contacts (Euroblock terminal)

Stock Code	953.152UK	953.154UK
Model	RMS605	RMS1202
Fuse	T2AL	T3.15AL
Channel inputs	5 x L+R RCA or balanced terminal	2 x L+R RCA or balanced terminal
Power rms : 100V line	5 x 60W	2 x 120W
Power rms : 4Ω	5 x 60W	2 x 120W
Output connection	15 x 100V or 4 Ohm (Euroblock terminal)	2 x 100V or 4 Ohm (Euroblock terminal)
Auxilliary output	N/A	L+R RCA
Weight	8.17kg	5.04kg
Dimensions	482 x 330 x 42mm	482 x 252 x 42mm



RS SERIES adastra **100V LINE SLAVE AMPLIFIER**





High power 100V line slave amplifier in a 2U rack-mountable housing.

Slave inputs can be connected from Adastra RM series mixer amplifiers and slave outputs onto further RS slaves.

Master volume control governs output level to either low impedance or 100V speakers.





• RCA slave inputs and outputs · Peak and signal LEDs

· Supplied with rack-mount ears

Our friendly, professional team are available to take your call from 8.00am - 5.30pm (Monday to Friday).

0161 749 8180

Select Option 1

Email: sales@avslgroup.com or online at: www.avsl.com



RS 360 SLAVE AMPLIFIER

Power supply	 110/240Vac, 50/60Hz (IEC)
Input	 RCA slave in
Output : signal	 2 x RCA
Outputs : speaker	
Controls	 Master volume
THD	<1.0%

Stock Code	953.120UK	953.121UK	953.122UK	953.123UK
Model	RS120	RS240	RS360	RS480
DC power	24Vdc (screw terminals)		N/A	
Power : output	120Wrms	240Wrms	360Wrms	480Wrms
Dimensions	433 x 320 x 89mm		433 x 345	5 x 89mm
Weight	8.88kg	10.06kg	11.6kg	13.50kg

UM SERIES ULTRA COMPACT MIXER-AMPLIFIER 100V

100V mixer-amplifier with USB audio player, FM tuner and BT wireless receiver in an ultra compact housing. Microphone input, line input and USB/FM/BT sections are governed by front panel volume controls and a master volume.

Mono output to either 100V line or 8Ω speaker load is connected via screw terminals on the rear panel.

Designed as a versatile solution for small to medium PA installations.



- · Ultra compact form factor
- · Efficient class D amplifier design
- Internal USB/FM/BT audio player





269 x 210 x 44mm

2.47kg

300 x 210 x 44mm

3.02kg



Power supply
Amplifier: construction Class D + transformer output
Audio source Internal USB/FM/BT player
Inputs 1 x mic (6.3mm), 1 x line (2 x RCA), 1 x aux (3.5mm)
Line output
Speaker outputs Screw terminals - 100V / 8Ω / Com
DC power
Mute24V relay contacts
THD
Input impedance
Input sensitivity
SNR
Frequency response



Dimensions Weight

UA SERIES COMPACT MIXER-AMPLIFIER 100V

100V mixer-amplifier with a 5-input mixer in a half width 1U housing.

249 x 210 x 44mm

2.35kg

3 switchable mic/line inputs, an RCA line input and a 3.5mm AUX input are governed by front panel volume controls and a Master output control. Mono output to either 100V line or 8Ω speaker load is connected via a removable screw terminal connector on the rear panel.

Supplied with rack-mounting hardware which can be configured to mount a single unit against a wall or under a worktop.

- 5 input channels
- 24V fire alarm mute contacts
- 100V line or 8Ω operation



Stock Code	953.183UK	953.186UK	953.189UK
Model	UA30	UA60	UA90
Output power : rms	30W	60W	90W
Dimensions	249 x 210 x 44mm	269 x 210 x 44mm	300 x 210 x 44mm
Weight	2.35kg	2.47kg	2.99kg



rower supply(ILC)
Amplifier: construction Class D + transformer output
InputsMic/line (combo), 2 x mic/line (6.3mm), line (RCA), aux (3.5mm)
Phantom power+20V CH1 (XLR or rear terminals)
Line output 2 x RCA (mono)
Speaker outputs Euroblock terminals: 100V / 8Ω / Com
Mute
THD
Input impedance
Input sensitivity10dB (line), -45dB (mic)
SNR
Frequency response



170-264\/ac 50Hz (IEC)



US SERIES 🗇 adastra **COMPACT SLAVE AMPLIFIER 100V**

100V slave amplifier built into a half width 1U housing.

In addition to RCA line input and output, the US amplifiers have a 100V input on removable screw terminals, which enables the amplifier to be connected in parallel with existing 100V speakers to extend the system.

Supplied with rack-mounting hardware which can be configured to mount a single unit against a wall or under a worktop.



- · Supplied with hardware for rack-mounting 2 units
- 100V input for connection in parallel with existing 100V speakers
- 100V line or 8Ω operation



Stock Code	953.196UK	953.199UK
Model	US60	US90
Output power : rms	60W	90W
Dimensions	269 x 210 x 44mm	330 x 210 x 44mm
Weight	2.30kg	2.40kg



Power supply
nputs Line (RCA), 100V (Euroblock +/-)
ine output
Speaker output Euroblock terminals: 100V / 8Ω / Com
Mute
「HD <0.4% @ 1kHz
nput impedance1kΩ
nput sensitivity10dB (line)
8NR
Frequency response

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DM SERIES COMPACT MIXER-AMPLIFIER 100V

100V line mixer-amp with digital amplifier in a compact housing.

An onboard audio player accepts USB media for digital audio or can be tuned to FM radio stations. In Bluetooth mode, a smart phone or tablet may be paired for wireless audio playback. Mono output to either 100V line or 4-16Ω speaker load is connected via spring terminals on the rear panel.

All-in-one solution for small sound installations.





Stock Code	953.108UK	953.109UK	953.118UK
Model	DM25	DM40	DM60
Output power : rms	25W	40W	60W
Weight	1.34kg	1.74kg	1.96kg



- · Bluetooth connectivity
- 100V line or 4-16 Ω operation



Power supply	
and Bluetooth rec	
Bluetooth version	. 2.1
Controls Treble, Bass, MP3, Aux	, Mic
Microphone: inputs 6.3mm jack (unbalan	iced)
Line input 2 x RCA (summed to m	ono)
Line output2 x	RCA
Speaker: outputsCOM, 100V and 4-	16 Ω
(spring termin	nals)
Antenna connection Spring term	ninal
Dimensions 280 x 205 x 67	7mm

SA-SERIES SECURE WALL AMPLIFIER WITH UHF MIC AND MEDIA PLAYER 100V

Bluetooth°

Public address mixer-amplifier built into a surface-mount secure box.

A powerful output that can drive either 100V line or low impedance speakers from binding post terminals inside the cabinet. The system includes a handheld UHF microphone with an inbuilt receiver and 2 switchable wired mic/line inputs are

provided on combo XLR/jack sockets. An internal media player enables playback of audio tracks from USB/SD player, FM tuner or Bluetooth pairing. A complete solution for buildings where security

- UHF wireless handheld mic included
- · USB/SD media player
- · Secure lockable cabinet



Stock Code	953.149UK	953.150UK
Model	SA120	SA240
Output power : rms	120W	240W
Fuse	F1AL (20x5mm)	F2AL (20x5mm)
Weight	8.70kg	9.25kg





ወ adastra

LA-SERIES INDUCTION LOOP AMPLIFIER

1U **2U**

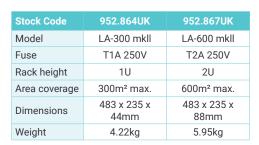
An induction amplifier for driving a cable loop around a room to provide assisted listening for hearing aid users.

Front panel controls are adjusted using a screwdriver including level controls for the 3 mic/line channels, bass, treble and loop current.

Designed to provide hearing assistance in public and commercial buildings.

- · Suitable for most standard hearing aids
- · Mic/line level switch for each input
- · Tamper proof channel volume, bass & treble and loop current level controls
- Adjustable metal loss correction
- · Alarm contacts for built-in siren
- Priority switchable for channel 1
- · Peak current LED indication

Phantom power switch for each input











Power supply........... 110/240Vac, 50/60Hz (IEC) Frequency response......50Hz - 5kHz (±3dB) Input sensitivity: line -6dBu/6kΩ Input sensitivity: mic...... -56dBu/2k0 THD.....<1%

adastra

LR2 INDUCTION LOOP RECEIVER

A compact, battery powered belt-clip receiver for testing and setting up induction loop systems.

- · Volume control and lo-cut switch to adjust sound quality
- · Can be used along with an induction loop system to create an unobtrusive audio tour guide for art galleries, museums etc

Power supply.........9Vdc (PP3 battery included) Controls Volume, lo-cut switch Connection...... 3.5mm headphone jack Headphone impedance 320 nominal Dimensions 60 x 117 x 32mm

952.855UK LR2 induction loop receiver





"With an extensive range of install products available on a next-day basis, AVSL is top of my list of suppliers, and with great brands like Citronic and Adastra to choose from, what's not to like?'

"The after-sales service is excellent... 10/10."

Mike Stead - Phase One

"Confidence and performance is key to any audio installation

For us, Adastra is a versatile trusted product with a proven track record at the right price point."

Martin Pearman Scratch Music & Install Ltd

"A great range of affordable products to suit every customers budget."

"The install products are VERY reliable, as long as you specify the right product for the right job. I installed an Adastra amp in a venue eight years ago and it is still going strong!

AVSL is a fantastic company to deal with overall as they always provide great customer support with a thorough knowledge of the product range.

The staff are very friendly and easy to deal with across all departments from the accounts department to sales and technical department.'

Peter Smith - PSL Distribution



QX SERIES PORTABLE POWERED PA UNIT WITH BLUETOOTH

A self-contained PA system with pull and carry handles for easy portability, and a host of connectivity options including Bluetooth.

The unit is supplied with 2 VHF wireless microphones, and features 2 further mic inputs, one which doubles as a guitar input.

The AUX input is ideal for phones, tablets, laptops and mp3 players; and the RCA in/out adds DJ connectivity and expansion/recording

SD and USB media, an integrated FM radio tuner, and paired Bluetooth devices can be controlled via the internal media player with IR remote control.

A switchable VCV 'voiceover' function automatically lowers the volume of background music when a mic signal is received. Powered by mains or internal rechargeable battery (up to 8 hours), and pole/stand mountable.



- 2 x VHF wireless mics included
- Inbuilt media player and FM radio tuner, with Bluetooth/SD/USB inputs and IR remote
- Mains or internal rechargeable battery power (up to 8 hours)
- · Mic, guitar, line-level AUX (mp3) and RCA inputs
- · Active inbuilt amplifier
- · VCV 'voiceover' feature; lowers music for vocals
- Echo effect for microphones
- 35mm stand/pole mount













Power supply
Wireless microphone frequencies
Amplifier: output
Battery life
Controls Volume, Bass, Treble, Echo, Mic vol, VHF vol, Contour, VCV, Bluetooth
Inputs
Bluetooth version
Dispersion

Stock Code	178.853UK	178.856UK
Model	QX12PA	QX15PA
Main driver	300mm (12")	380mm (15")
Dimensions	565 x 345 x 325mm	675 x 420 x 395mm
Weight	12.8kg	18.1kg



@ qtx

QXPA-PLUS PORTABLE PA WITH UHF, USB/SD/FM & BLUETOOTH







Complete portable PA unit in a QX-series cabinet.

Built-in amplifier operating from mains or internal rechargeable battery powering a main driver and compression driven horn unit. 2 x UHF handheld wireless microphones are included with the receiver built into the rear panel along with 2 further mic inputs, auxiliary line input and Bluetooth receiver.

Internal audio source is provided by an integral USB/SD/FM media player. A moulded handle and pole mount are included and a retractable trolley handle and rear wheels provide easy portability.





- 2 x UHF handheld wireless microphones
- Inbuilt media player and FM radio tuner, with Bluetooth/SD/USB inputs and IR remote
- Mic, guitar, line-level AUX (mp3) and RCA inputs
- · Slip cover included



Power supply
Amplifier: output
Battery life
Controls Volume, Bass, Treble, Echo, Mic vol, UHF vol, Contour, VCV
Inputs 2 wired mic (jack) and aux (RCA & 3.5mm)
Bluetooth version
Dispersion
Wireless microphone frequencies

Stock Code	178.854UK	178.857UK
Model	QX12PA-PLUS	QX15PA-PLUS
Wireless frequencies	863.8MHz + 864.8MHz	863.8MHz + 864.8MHz
Main driver	300mm (12")	380mm (15")
Dimensions	565 x 345 x 325mm	675 x 420 x 395mm
Weight	12.8kg	18.1kg

Bluetooth°









A compact, trolley-style wheeled portable PA unit with a top-mounted retractable pull handle.

Versatile input options include a VHF wireless neckband microphone (178.840UK).

2 x VHF wireless microphones (178.843UK & 178.846UK), 2 further mic inputs (one can also be used for guitar), mini jack (for phones, tablets, laptops and mp3 players), and RCA in/out (ideal for DJs).

An internal media player works directly from an SD card or USB memory stick, and a switchable VCV 'voiceover' feature automatically lowers the volume of background music when the mic/s are used.

- Mains or internal rechargeable battery power (up to 8 hours)
- · Mic, guitar, line-level AUX (mp3) and RCA inputs
- Pull/carry handles and wheels for easy transit
- Switchable VCV 'voiceover' feature; lowers music for vocals
- Echo effect for microphones
- 35mm stand/pole mount









Stock Code	Description	
178.840UK	QR10PA Portable PA 10 inch + 1 x neckband mic	
178.843UK	QR12PA Portable PA 12 inch + 2 x wireless mics	
178.846UK	QR15PA Portable PA 15 inch + 2 x wireless mics	

QR10PA

Power supply Internal battery or 12/15Vdc @3A mains adaptor (supplied) Main driver
Power handling : rms
Amplifier: output
Battery life
Controls Mic volume, Echo, Bass, Treble, Volume & VHF mic volume, VCV
Inputs
Batteries : beltpack transmitter
Carrier frequency
Dimensions
Weight

QR12PA/QR15PA

Power supply220-240Vac, 50/60Hz (IEC) / external 12Vdc / internal battery
Power consumption max
HF driver
Battery life
Controls Volume, Bass, Treble, Echo, Mic volume, VCV & VHF mic levels
Inputs 2 wired mic (jack) and aux (RCA & 3.5mm)
Wireless microphone frequencies
Amplifier: output

QR12PA/QR15PA COMPARATIVE SPEC

Stock Code	Main Driver	Power handling : rms	Frequency response	Dimensions	Weight
178.843UK	300mm	200W	48Hz - 20kHz	570 x 350 x 310mm	14.0kg
178.846UK	380mm	250W	45Hz - 20kHz	685 x 440 x 380mm	18.4kg



QRPA PORTABLE PA WITH BLUETOOTH @qtx







Compact portable PA unit based on the QR speaker cabinet.

Built-in amplifier operating from mains or internal rechargeable battery powering a main driver and compression driven horn unit.

2 x VHF handheld wireless microphones are included (1 supplied with 8" and 10" versions) with the receiver built into the mixer/amp section at the rear along with a further two wired mic inputs, auxiliary line input and integral USB/SD/FM media player with record function.

A Bluetooth receiver is also built into the media player to enable pairing with a smartphone or tablet for wireless audio playback.

A retractable trolley handle and rear wheels provide easy portability.

- Echo effect for microphones
- · Mic, guitar, line-level AUX (mp3) and RCA inputs
- · Pull/carry handles and wheels for easy transit
- Switchable VCV 'voiceover' feature; lowers music for vocals
- Echo effect for microphones
- 35mm stand/pole mount













QR15PABT

QR12PABT

QR10PABT

QR8PABT

Bluetooth version

Stock Code	178.838UK	178.839UK	178.847UK	178.848UK
Model	QR8PABT	QR10PABT	QR12PABT	QR15PABT
Power supply	Internal battery or 12/15Vdc @ 3A mains adaptor (supplied)	Internal battery or 12/15Vdc @ 3A mains adaptor (supplied)	220-240Vac 50Hz (IEC) or 12/15Vdc @ 3A or internal battery	220-240Vac 50Hz (IEC) or 12/15Vdc @ 3A or internal battery
Main driver	200mmØ (8")	250mmØ (10")	300mmØ (12")	380mmØ (15")
Dimensions	290 x 400 x 230mm	320 x 470 x 270mm	570 x 350 x 310mm	685 x 440 x 380mm
Weight	9.1kg	10.1kg	14.0kg	18.4kg

@ qtx

BUSKER PA WITH VHF MICS & MEDIA PLAYER

Complete portable PA unit in a sturdy cabinet with front mounted control panel.

The built-in amplifier operates from mains or internal rechargeable battery to power a main driver and compression driven horn unit. Handheld VHF microphones are included (1 with BUSKER-10 or 2 with BUSKER-12/15) with 2 further wired mic inputs at the rear, auxiliary line input, musical instrument input and Bluetooth receiver.

Internal audio source is provided by an integral USB/SD/FM media player. The cabinet is fitted with a carrying handle, 35mm pole mount, and a retractable trolley handle and rear wheels provide easy portability.









- VHF handheld microphones included
- · Echo effect for microphones
- Integral USB/SD/FM media player
- Built-in trolley facility with retractable handle
- Switchable Microphone 'voice-over' Function









BUSKER-12 BUSKER-12

BUSKER-15

Power supply
$Impedance: loudspeaker \\ 4\Omega$
HF driver: type
Battery life
Recharge time
Controls: front panel VHF mic volume(s), Media volume, Media transport controls
Controls: rear panel Guitar volume, Echo, Wired mic volume, Bass, Treble, Master
Inputs 2 wired mic (jack), instrument (jack), aux (RCA & 3.5mm)
Line output
Bluetooth version



Stock Code	178.864UK	178.866UK	178.868UK
Model	BUSKER-10	BUSKER-12	BUSKER-15
Battery	12V 4.5Ah rechargeable sealed lead-acid)	12V 7Ah rechargeable sealed lead-acid	12V 7Ah rechargeable sealed lead-acid
Main driver	250mmØ (10")	300mmØ (12")	380mmØ (15")
SPL @ 1W/1m	92dB	94dB	96dB
Mic Frequencies	174.1MHz	174.1MHz + 175.0MHz	174.1MHz + 175.0MH
Dimensions	525 x 330 x 290mm	590 x 375 x 325mm	720 x 470 x 450mm
Weight	9.45kg	12.00kg	14.50kg





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DELTA-200 PERFORMANCE PORTABLE PA UNIT









The DELTA-200 is a fully featured portable PA unit in a rugged, injection-moulded combo-style enclosure. In addition, the DELTA-200 system is also supplied with 2 x UHF wireless microphones and contains an inbuilt dual receiver with independent controls.

A media player section has options for mp3 playback from a USB pen drive or SD card, an FM radio tuner and a Bluetooth receiver for pairing with a smartphone or tablet.

The integral 200W amplifier section delivers enough power and bass response for music performances and public address to medium sized audiences. Mains or battery operation and a trolley mechanism for portability give the DELTA-200 freedom and flexibility to provide sound coverage almost anywhere.

- Echo effect for mics & instruments
- 2 x UHF handheld microphones included
- Built-in holsters for handheld transmitters
- Integral USB/SD/FM media player with record function







Battery. Battery life HF driver. LF driver Output power: rms. S/N ratio. Construction Wireless microphone frequencies. Frequency response: mic. Bluetooth version SD/USB format. Audio format Recording mode Dimensions	
Dimensions	

Stock Code	Description
178.812UK	DELTA-200 Performance Portable PA Unit





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PORTABLE DESKTOP PA WITH BLUETOOTH







Self-contained PA unit with a compact moulded cabinet in a desktop format. Built-in USB/SD/FM player with Bluetooth receiver and dual handheld VHF microphone system make this a comprehensive solution for tasks as diverse as classroom activities, meetings and singing rehearsal. Offering mains or internal rechargeable battery operation in a compact size enables this unique product to be used practically anywhere.

- Mains/rechargeable operation
- · Built-in Bluetooth receiver
- Echo effect for microphones
- 2 x VHF handheld microphones included
- Integral USB/SD/FM media player with record function
- Powerful 50W output









Power supply .110/240Vac, 50/60Hz (fig 8), 12Vdc or internal battery Battery
HF driver
LF driver
Power: output
SNR
Construction Injection-moulded polypropylene
Power supply: handheld transmitters 3Vdc (2 x AA battery) each
Wireless microphone frequencies 174.1MHz + 175.0MHz
Frequency response: mic
SD/USB formatFAT 32 (32GB max)
Bluetooth version4.2
Dimensions
Weight

Stock Code	Description
178.808UK	DELTA-50 Portable PA



HANDHELD PA SYSTEM WITH **NECKBAND MIC AND BLUETOOTH**

The H25B is a fully integrated PA unit in an ergonomic ABS handheld housing. Power can be supplied from mains or the internal rechargeable battery to deliver up to 25W output.

Hands-free vocal address is made easy and convenient with the supplied VHF wireless neckband system.

Built-in Bluetooth receiver and USB media player provide background music playback options, including an FM radio tuner function.

Applications include demonstrations, speech reinforcement in educational scenarios and mobile public address.

- Mains or battery operation
- VHF neckband microphone system
- · Internal USB audio player



Output power: max. Carrier frequency VHF operating distance. Audio source Battery life (hours): voice Battery life (hours): signal. Frequency response. S/N ratio SPL max. Batteries: beltpack transmitter VHF tuning stability Dimensions: VHF beltpack. Weight: VHF beltpack	230Vac, 50Hz or internal rechargeable battery 25W 174.1MHz 35m (max) USB player, FM tuner, Bluetooth receiver 7 hours max 2 hours max 100Hz - 12kHz >75dB 80dB 80dB 9Vdc PP3 0.005% quartz crystal locked 205 x 68 x 25mm (ex. antenna) 76g (no battery)
Dimensions: main unit	

Stock Code	Description
952.412UK	H25B Handheld PA with Neckband Mic, USB, FM & Bluetooth

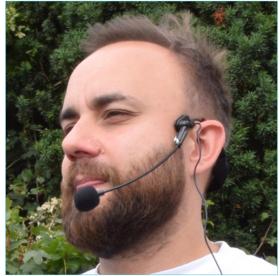












⊚ qtx

PAV PORTABLE PA SET WITH UHF MICS, BLUETOOTH & DVD

Portable PA set comprising a main active unit and passive satellite speaker.

The main unit has a media player with options for playback from USB stick, SD card, Bluetooth or a slot fed disc player for CD and DVD.

A pair of UHF handheld microphones are included in addition to 2 inputs for wired microphones with a built-in echo effect for vocalists and a VCV control enables mic priority over music.

Operated from mains power or the internal rechargeable battery, the main unit also powers the passive satellite cabinet. Line input, output and composite video output offer easy connection to other equipment for expanded AV systems.

A comprehensive multi-functional system for leisure, teaching and performances.



	4Ω
Controls	Mic Vol, Echo, Treble, Bass, Volume, UHF A & B Vol, Contour, Bluetooth, VCV
Battery life	Up to 8 hours
Inputs	2 wired mic (jack) and aux (3.5mm jack or 2 RCA)
Bluetooth version	2.1
Carrier frequencies	
Output connections	
Audio source	Media player with CD/DVD, USB/SD and Bluetooth
Video format	VCD, DVD, CD+G and mp5 format
Batteries · handheld transmitters	2 x AA (each)

Stock Code	178.859UK	178.869UK
Model	PAV8	PAV10
Battery	12V, 4.5Ah	12V, 7.2Ah
Power supply	15Vdc, 3A mains adaptor (supplied)	15Vdc, 4A mains adaptor (supplied)
Amplifier : output	50W main unit, 50W satellite	100W main unit, 100W satellite
Main driver	200mmØ (8") main unit and satellite	250mmØ (10") main unit and satellite
Dimensions	440 x 290 x 275mm (each cabinet)	465 x 310 x 300mm (each cabinet)
Weight : main unit	8.74kg	10.5kg
Weight : satellite speaker	5.5kg	6.6kg









- 2 speaker stereo portable set
- Mains or rechargeable operation
- · Video playback from DVD
- Playback of CD+G and compressed karaoke files
- IR remote control for playback
- · Internal Bluetooth receiver
- Stacking trolley with telescopic handle
- 35mm top hat fitting on each speaker



Rear panel: 178.859UK



2-WAY COUNTER TOP INTERCOM

Intercom for conversation through a glass partition comprising a desktop speaker unit with gooseneck microphone and an extension speakerphone unit, which can be positioned horizontally or vertically in the client area.

Independent level controls for the main unit and client speakerphone provide tailored adjustment to overcome the ambient noise level, with muting and anti-feedback circuitry to make two-way conversation clear and intelligible.

An additional output is provided for recording both sides of the conversation. Applications include ticket booths, bank counters, petrol stations and receptions.

- · Desktop main speaker unit with gooseneck microphone
- · Glass or counter mount client speakerphone
- · Hands-free operation
- · Volume control and signal indicator for each microphone
- 1.6m connection lead
- Supplied with 9Vdc power adaptor



.....1 .6m (hard-wired to speakerphone) Lead length Dimensions: main unit ... 158 x 87 x 46mm Dimensions: microphone 285 x 113mmØ (fixed to main unit) Dimensions : client speakerphone 91 x 77 x 23mm Weight: main unit 347g (inc. microphone) Weight: client speakerphone 87g (inc. lead)

952.828UK Through Glass Microphone Intercom





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COM41 DYNAMIC PAGING MICROPHONE

Dynamic microphone with flexible stem terminated to an XLR plug.

The microphone may be connected directly to an XLR channel input or mounted onto the supplied die-cast base section with latching on/off switch for paging.

Item is supplied with an XLR-XLR cable for connection to mixer or mixer-amplifier in a public address system.

- · Dynamic capsule can operate without phantom power
- · Desktop base unit with latching on/off switch
- · Supplied with 3m balanced XLR-XLR lead









Polar pattern Cardioid
Capsule Dynamic (moving coil)
Frequency response
Sensitivity53.2dB ±3dB (0dB=1VPa at 1kHz)
Output impedance ≤600Ω
Connection XLR (gooseneck + base unit)
Weight 942g (microphone + base unit)
Dimensions 430 x 136 x 107mm (microphone + base unit)

Stock Code 952.341UK COM41 Dynamic Paging Microphone

COM230 PAGING STATION WITH 2-ZONE AMPLIFIER

Desktop paging station with gooseneck microphone, mounted via XLR into a base unit with a built-in dual amplifier.

Each amplifier output has screw terminal speaker connections and can power a single 8Ω speaker or two 8Ω speakers wired in parallel (4Ω minimum load each output). Can be operated as a stereo Left + Right amplifier or as 2 separate zones. An AUX input on 3.5mm jack can accept a stereo line input for background music with its own volume control and is present on both channels permanently.

A separate volume control governs the microphone level and there is a pre-set override that temporarily mutes the AUX input when announcements are being made. The paging process involves selecting one or both output channels via the buttons on the top panel and then pressing the 'Page' button, which gives the option of paging just a single area or all areas where the speakers are installed. A simple and easy-to-use solution when space is limited.

- · Independent volume controls for AUX and MIC
- · Independent paging to each speaker output









Includes active paging station base, gooseneck condenser



16Vdc, 4A power adaptor (included)
2 x 15W
XLR
Stereo 3.5mm jack
Screw terminals (removeable Euroblock)
450 x 140 x 100mm (assembled)
552g

Stock Code	Description
953.230UK	COM230 Paging Station with 2 x 30W Amplifier





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CS-5 CALL STATION FOR RZ45 AUDIO MATRIX

A paging microphone with call station base, to be used with the RZ45 audio matrix to create a comprehensive paging system.

Zone assign buttons enable intuitive calling to any combination of up to 5 zones, with the Page button simultaneously muting audio playback in those areas for clear vocal announcements.

There is a choice of 8 paging chimes, and an AUX audio input for pre-recorded messages and alerts.

Includes an RJ45 patch cable to connect the mic and audio matrix, conveniently passing signal and power via one CAT5 lead.

- · For use with the RZ45 audio matrix (953.045UK sold separately)
- · Assignable to individual or multiple zones
- 8 selectable chime settings
- · 3.5mm AUX input
- Up to 1km remote wiring over CAT5
- Supplied with 1m RJ45 patch lead





Power supply 24Vdc, 500mA from	om RJ45 or optional adaptor
Max. connection length	. 100m (CAT5 cable) or 1km
	with optional 24Vdc adaptor
Capsule	
Polar pattern	
Controls Aux/Mic/Chime levels, chime DIP s	switches, zone/page buttons
ConnectorsXLR, RJ45 to RZ45, 24Ve	dc power jack, 3.5mm aux in
Frequency response: -3dB	150Hz - 22kHz
Input level	Mic: -46dBV, Aux: -10dBV
Input impedance	Mic: 600Ω, Aux: 50kΩ
Output level	10dBV
Output impedance : balanced	600Ω
S/N ratio	60dB (all channels selected)
Interface	RS-485 control
Zone assign	5 zones, any combination
Dimensions	
Weight	670g

Stock Code	Description
953.049UK	CS-5 Call Station for RZ45 Matrix

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COM47 CONFERENCE/PAGING MICROPHONE WITH BASE

A gooseneck microphone with base for conference or paging applications.

Connection to the base is via XLR and provides power to the condenser microphone capsule either from 2 x AAA batteries in the base or from external phantom power.

- · High quality back-electret condenser microphone
- · Gooseneck assembly for convenient positioning
- · Electronic latching paging switch on base unit
- XLR XLR lead supplied







Power supply	. 2 x AAA batteries or external phantom 9-52Vdc
Capsule	Back-electret condenser
Polar pattern	Cardioid (unidirectional)
Base: dimensions	115 x 139 x 50mm
Microphone: dimensions	435 x 21mmØ
Weight	560g

Stock Code	Description
952.352UK	Conference/paging microphone with LED collar

adastra

COM46 CONFERENCE MICROPHONE WITH BASE

A flexible stem microphone with base for conferences or meetings.

Connection to the base is via XLR and provides power to the condenser mic capsule either from 2 x AAA batteries in the base or from external phantom power.

- · High quality back-electret condenser microphone
- Electronic latching paging switch on base unit
- · Battery or phantom power
- · Supplied with 5m XLR lead







Power supply 2 x AAA batteries or external phantom 9-52Vdc
Capsule Back-electret condenser
Polar pattern
Base : dimensions
Microphone: dimensions
Weight

Stock Code	Description
952.353UK	Conference microphone - slimline

CS4 CALL STATION FOR RM244V & RM4460 MIXER AMPLIFIER

Paging microphone with call station base for use with the RM244V or RM4460 mixer-amps.

Connected via RJ45 for both signal and power to simplify wiring. Zone assign buttons enable calling to one or all zones.

Pressing the page button mutes all audio playback and plays one of 8 selectable chimes, opening the microphone to the selected zone(s). Pressing the reset button mutes the microphone and resumes background music playback to all zones.

- For use with the RM244V (953.244UK) or RM4460 (953.446UK) amplifiers
- Assignable to individual or all 4 zones
- · 8 selectable chime settings
- 3.5mm AUX input
- Up to 1km remote wiring over CAT5
- Supplied with 1m RJ45 patch lead





Stock Code	Description
953.146UK	CS4 Call Station for RM244V and RM4460



Our professional team are on hand to take your call from 8.00am - 5.30pm (Monday to Friday).

0161 749 8180



Stock Code Description

952.360UK COM60 Paging Mic + Chime





citronic

RU210-H TUNEABLE DUAL UHF HANDHELD MICROPHONE SYSTEM







Dual channel PLL tuneable UHF wireless system with 2 handheld transmitters. The receiver unit is compatible with standard 19" racks using the included rack ears and front mounting antenna accessories.

The RF carrier frequency is selected on the receiver and synchronised to the transmitter via infra-red at the touch of a button.

Up to 2 RU210 systems can be operated together on the EU licence-free band.

- · Pilot tone & mute circuit for stable signal
- · Rack-mounting accessories included





Stock Code	Description
171.970UK	RU210-H Dual Multi-UHF Handheld System

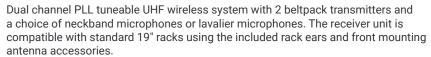


Power supply
(mains adaptor included)
Batteries 4 x AA (2 per transmitter - included)
Carrier frequencies
(81 selectable frequencies)
Signal to noise ratio
THD<0.5% @ 1KHz
Frequency response50Hz-18KHz ±1 dB

Image rejection
Output impedance2.2kΩ
Output level
200mV (unbalanced)
Dimensions: receiver 44 x 409 x 190mm
Weight: receiver
Dimensions: transmitter
Weight: transmitter



RU210-N TUNEABLE DUAL UHF BELTPACK MICROPHONE SYSTEM



The RF carrier frequency is selected on the receiver and synchronised to the transmitter via infra-red at the touch of a button. Up to 2 RU210 systems can be operated together on the EU licence-free band.









Power supply
(mains adaptor included)
Batteries 4 x AA (2 per transmitter - included)
Carrier frequencies
(81 selectable frequencies)
Signal to noise ratio>105dB
THD
Frequency response50Hz-18KHz ±1 dB
Image rejection
Output impedance2.2kΩ
Output level
Dimensions: receiver
Weight: receiver
Dimensions: transmitter
110 x 67 x 24mm (ex antenna)
Weight: transmitter
3

Stock Code	Description
171.971UK	RU210-N Dual Multi-UHF Neckband/Lavalier System

∳⊪ citronic

RU105-H TUNEABLE UHF HANDHELD MICROPHONE SYSTEM

Single channel PLL tuneable UHF wireless system with a handheld transmitter. The receiver unit is compatible with standard 19" racks using the included rack ears and front mounting antenna accessories. The RF carrier frequency is selected on the receiver and synchronised to the transmitter via infra-red at the touch of a button. Up to 4 RU105 systems can be operated together on the EU licence-free band.

- · Pilot tone & mute circuit for stable signal
- · Licence-free operation in UK & EU

Stock Code	Description
171.972UK	RU105-H Multi-UHF Handheld System









Power supply	12-18Vdc, 350mA .(mains adaptor included)
Batteries 2 x AA	(for transmitter - included)
	863 - 865MHz
	(81 selectable frequencies)
	>105dB
THD	< 0.5% @ 1KHz
Frequency response	50Hz-18KHz ±1 dB
Image rejection	>85dB
Output impedance	2.2kΩ
	400mV (balanced),
	200mV (unbalanced)
	44 x 198 x 190mm
	710g
	265 x 49mmØ
Weight: transmitter	330g (no battery)



RU105-N TUNEABLE UHF BELTPACK MICROPHONE SYSTEM

Single channel PLL tuneable UHF wireless system with beltpack transmitter and a choice of neckband microphones or lavalier microphones.

The receiver unit is compatible with standard 19" racks using the included rack ears and front mounting antenna accessories.

The RF carrier frequency is selected on the receiver and synchronised to the transmitter via infra-red at the touch of a button.

Up to 4 RU105 systems can be operated together on the EU licence-free band.

- Pilot tone & mute circuit for stable signal
- Licence-free operation in UK & EU
- Rack-mounting accessories included











Power supply	12-18Vdc, 350mA
	(mains adaptor included)
Batteries 2 x AA (1	or transmitter - included)
Carrier frequency	863 - 865MHz
	1 selectable frequencies)
Signal to noise ratio	
THD	<0.5% @ 1KHz
Frequency response	50Hz-18KHz ±1 dB
Image rejection	
Output impedance	2.2kΩ
Output level	400mV (balanced),
	200mV (unbalanced)
Dimensions: receiver	44 x 198 x 190mm
Weight: receiver	710g
Dimensions: transmitter	
Weight: transmitter	

Stock Code	Description
171.973UK	RU105-N Multi-UHF Neckband/Lavelier System



RUHH-PLL HANDHELD UHF TRANSMITTER FOR RU105 & RU210

UHF handheld transmitter compatible with Citronic wireless systems. The carrier frequency can be programmed via I.R. sync signal from the Citronic wireless receiver unit.

- \bullet Pilot tone for RU105 and RU210 compatibility
- High quality dynamic capsule
- · Backlit LCD display

Power supply	3Vdc (2 x AA batteries)
Operating frequencies	863.1 to 864.9MHz
Dimensions	265 x 49mmØ
Weight	

Stock Code	Description
171.985UK	Handheld Mic for RU105 & RU210





de citronic

RUBP-PLL BELTPACK UHF TRANSMITTER FOR RU105 & RU210

UHF beltpack transmitter compatible with Citronic wireless systems. The carrier frequency can be programmed via I.R. sync signal from the Citronic wireless receiver unit.

• Pilot tone for RU105 and RU210 compatibility

Power supply. 3Vdc (2 x AA batteries)
Carrier frequencies 863.1 - 864.9MHz
Connector. Threaded 3.5mm mono jack
. (for lavalier or headset)
Dimensions 205 x 68 x 25mm
Weight. 76g (no batteries)

Stock Code	Description
171.986UK	Beltpack Mic for RU105 & RU210





Chord

NU4 QUAD UHF WIRELESS MICROPHONE SYSTEMS









864.30MHz 863.42MHz 863.10MHz

UHF wireless system with 4 independent channels.

The receiver is 19" rack-mountable and features 4 separate XLR outputs or a mixed jack output. Available in sets with 4 handheld or 4 beltpack transmitters (with a choice of neckband or lavalier microphone for each beltpack) or a combo set with 2 of each. Suitable for vocal groups, theatres and presentations.











Power supply	12-18Vdc 500mA adaptor (supplied)
Carrier frequencies	Red 864.8, Green 864.3, Blue 863.42,
	Yellow 863.1 (all in MHz)
Wireless range	Up to 60m
Batteries	8 x AA (included)
Dimensions: receiver	482 x 225 x 44mm (inc. rack ears)
AAZ 1 L L L L L L L L L L L L L L L L L L	0.01

Stock Code	171.843UK	171.844UK	171.845UK
Model	NU4-H	NU4-N	NU4-C
Dims : handheld trans.	andheld trans. 243 x 48mm		243 x 48mm
Weight : handheld trans.	238g (no battery)	N/A	238g (no battery)
Dims : beltpack trans.	N/A	205 x 68 x 25mm	205 x 68 x 25mm
Weight : beltpack trans.	N/A	76g (no battery)	76g (no battery)
Dims : neckband mic.	N/A	180 x 140 x 60mm	180 x 140 x 60mm
Weight : neckband mic.	N/A	20g	20g
Dims : lavalier mic.	N/A	27 x 12mm	27 x 12mm
Weight : lavalier mic.	N/A	20g	20g



SU20 COMPACT DUAL UHF MICROPHONE SETS









Dual UHF wireless microphone system with a compact receiver, supplied with hardware for mounting 1 or 2 units into a 1U 19" rack space.

BNC cables and detachable antennas are provided for rear or front mounting as required. Each transmitter is powered by 2 x AA batteries and the beltpack version is supplied with both neckband and lavalier microphones. Output is provided individually on balanced XLR connectors or mixed to a single 6.3mm jack socket. Providing all the functionality of a dual UHF system in a compact half-rack format.













Power supply	. 14Vdc 350mA (adaptor supplied)
Antenna connection	BNC
Batteries	4 x AA (2 per transmitter) included
Range	60m
Microphone: polar pattern	Cardioid
Output connections 2 x balance	d XLR, 1 x unbalanced 6.3mm jack
Output impedance	2.2kΩ

Output level	400mV (balanced), 200mV (unbalanced)
Frequency response	50Hz - 18kHz (±3dB)
S/N ratio	>80dB
THD	<0.5% @ 1kHz
Dimensions: receiver	203 x 187 x 42mm
Weight: receiver	

Stock Code	171.907UK	171.908UK	171.909UK	171.917 UK	171.918UK
Model	SU20-H-RG	SU20-H-BY	SU20-C	SU20-B-RG	SU20-B-BY
Dims : handheld trans.	250 x 47mm	250 x 47mm	250 x 47mm	N/A	N/A
Weight: handheld trans.	231g (no battery)	231g (no battery)	231g (no battery)	N/A	N/A
Dims : beltpack trans.	N/A	N/A	110 x 676 x 24mm	110 x 676 x 24mm	110 x 676 x 24mm
Weight : beltpack trans.	N/A	N/A	74g (no battery)	74g (no battery)	74g (no battery)
Carrier frequencies	863.42MHz (Red) + 864.3MHz (Green)	864.8MHz (Blue) + 863.1MHz (Yellow)	863.42MHz (Red) + 864.3MHz (Green)	863.42MHz (Red) + 864.3MHz (Green)	864.8MHz (Blue) + 863.1MHz (Yellow)





NU20 DUAL UHF WIRELESS MICROPHONE SYSTEMS







Dual wireless microphone system with UHF receiver and 2 handheld or beltpack transmitters. The receiver unit is compatible with standard 19" racks using the included rack ears and front mounting antenna accessories.









Power supply 14Vdc 350mA (adaptor included)
Carrier frequencies
Wireless range Up to 60m
Batteries 4 x AA (2 per transmitter
S/N ratio>80dE
THD
Output impedance
Output level 400mV (balanced), 200mV (unbalanced
Frequency response: ±3dB 50Hz-18KHz
Dimensions: receiver
Weight: receiver1.37kg

Stock Code	171.924UK	171.926UK	
Model	NU20-H	NU20-N	
Dims : handheld transmitter	243 x 48mm	N/A	
Weight : handheld transmitter	238g (no battery)	N/A	
Dims : beltpack transmitter	N/A	205 x 68 x 25mm	
Weight : beltpack transmitter	N/A	76g (no battery)	

Chord

NU1-H UHF WIRELESS HANDHELD MICROPHONE SYSTEM

Wireless microphone system with fixed UHF handheld transmitter and half rack-width receiver. The receiver unit is compatible with standard 19" racks using the included rack ears and front mounting antenna accessories.

- Pilot tone and mute circuit for stable signal
- · Licence-free operation in UK & EU
- · Rack-mounting accessories included

Stock Code	Description
171.981UK	NU1 Handheld UHF System









Power supply	
(mai	ns adaptor included)
Batteries 2 x AA (for tr	ansmitter - included)
Signal to noise ratio	>105dB
THD	
Frequency response	. 50Hz-18KHz ±1 dB
Image rejection	>85dB
Output impedance	2.2kΩ
Output level	. 400mV (balanced),
Dimensions: receiver	. 44 x 198 x 190mm
Weight: receiver	710g
Dimensions: transmitter	243 x 48mmØ
Weight: transmitter	238g (no battery)



NU1-N UHF WIRELESS BELTPACK MICROPHONE SYSTEM

Wireless microphone system with fixed UHF beltpack transmitter and half rack-width receiver.

Supplied with a choice of neckband or lavalier microphones. The receiver unit is compatible with standard 19" racks using the included rack ears and front mounting antenna accessories.

- Pilot tone & mute circuit for stable signal
- Licence-free operation in UK & EU
- Rack-mounting accessories included

Stock Code	Version
171.983UK	863.1MHz
171.984UK	864.1MHz











Power supply	12-18Vdc, 350mA
	. (mains adaptor included)
	(for transmitter - included)
Signal to noise ratio	>105dB
THD	<0.5% @ 1kHz
Frequency response	50Hz-18KHz ±1 dB
Image rejection	>85dB
Output impedance	2.2kΩ
Output level 400mV (ba	alanced), 200mV (unbalanced)
Dimensions: receiver	44 x 198 x 190mm
Weight: receiver	710g
Dimensions: transmitter.	205 x 68 x 25mm
Weight: transmitter	76g (no battery)



HANDHELD TRANSMITTER FOR NU1 SYSTEMS

UHF handheld transmitter compatible with Chord UHF wireless systems.

Available in 2 different carrier frequency versions with pilot tone for compatibility with NU1 systems.

Power supply	3Vdc (2 x AA hatteries)
Dimensions	
Weight	238g (no batteries)

Stock Code	Description
171.988UK	Handheld Mic 863.1MHz for NU1
171.991UK	Handheld Mic 864.1MHz for NU1



Chord

BELTPACK TRANSMITTER FOR NU1 SYSTEMS

UHF beltpack transmitter compatible with Chord UHF wireless systems.

Available in 2 different carrier frequency versions with pilot tone for compatibility with NU1 systems.

Power supply
Dimensions
Weight
ConnectorThreaded 3.5mm mono jack
(for lavalier or headset)

Stock Code	Description
171.994UK	Beltpack 863.1MHz for NU1
171.997UK	Beltpack 864.1MHz for NU1





@qtx

VN1 NECKBAND MICROPHONE VHF WIRELESS SYSTEM





A VHF wireless microphone system with a half-width 1U receiver, 1 beltpack transmitter and a neckband headset microphone.

- Up to 50m range
- Batteries and 6.3mm jack lead supplied
- · Licence-free operation in the UK
- · ABS case included





THD<0.2%
Dimensions: beltpack transmitter 205 x 68 x 25mm
Dimensions: receiver
Weight: beltpack transmitter 76g (no battery)
Weight: receiver



Stock Code	Description
171.837UK	VHF wireless neckband microphone system - 174.5MHz

@qtx

A VHF wireless microphone system with a half-width 1U receiver, a beltpack transmitter, and a lavalier tie-clip microphone.

VL1 LAVALIER MICROPHONE

- Up to 50m range
- Batteries and 6.3mm jack lead supplied
- · Licence-free operation in the UK
- · ABS case included



Power supply: receiver	10Vac 250mA (supplied)	Dimensions : beltp
Battery: beltpack transmit	tter9V, PP3 (supplied)	
Output connections	XLR, 6.3mm jack	Dimensions: rece
S/N ratio	>85dB	Weight: beltpack:
THD	< 0.2%	Weight: receiver.

tpack transmitter..... 205 x 68 x 25mm (ex. antenna)45 x 210 x 180mm transmitter 76g (no battery) 573g



50m





VH2 DUAL HANDHELD MICROPHONE **VHF WIRELESS SYSTEM**

A dual channel VHF wireless microphone system with a half-width 1U receiver and 2 handheld transmitters.

- Up to 50m range
- Supplied with batteries and 6.3mm jack lead
- · Licence-free operation in the UK
- · Note: Maximum of 2 VHF frequencies can be operated in combination
- · ABS case included



THD<0.2%
Dimensions: handheld transmitter270 x 45mmØ
Dimensions: receiver
Weight: handheld transmitter 190g (no battery)
Weight: receiver 573g









Stock Code	Description
171.816UK	VHF dual handheld wireless system - 173.8 + 174.8MHz
171.817UK	VHF dual handheld wireless system - 174.1 + 175.0MHz

citronic

DM50S NEODYMIUM DYNAMIC VOCAL MICROPHONE

A high output dynamic vocal microphone with sliding lockable switch. Built around a neodymium magnet capsule for excellent sensitivity and feedback rejection.

- Rugged construction for reliable stage use
- · Supplied with jack lead and microphone holder

Capsule Dynamic (Neodymium magnet)
Output impedance 600Ω ±20% @ 1KHz
Sensitivity60dB ±3dB (1kHz)
Frequency response70Hz - 15kHz
Polar pattern Cardioid
ConnectionXLRM
Dimensions
Weight

Stock Code	Description
173.865UK	DM50S Neodymium Vocal Mic



⊚qtx

DYNAMIC MICROPHONES

Handheld dynamic microphone with a durable plastic body and steel mesh windshield. Suitable for vocals and general PA or recording applications.

• Supplied with XLRF to 6.3mm jack lead

Frequency response 80Hz-14kH Polar pattern Cardioi Sensitivity -68dB (±3dB Impedance 600Ω (±30% Connection XLRN Connection cable XLRF, 6.3mm mono jac
Lead length 3.0n
Dimensions
Weight

	Stock Code	Description
	173.853UK	DM11B Dynamic Mic - Black
Ī	173.856UK	DM11S Dynamic Mic - Silver





DM02 DYNAMIC VOCAL MICROPHONE

Professional handheld dynamic microphone for stage and studio use.

Voiced to suit both male and female vocals and with a wide bandwidth and dynamic range for instrument applications.

- · Supplied with mic holder and carry case
- · Presence boost for vocal intelligibility

Connector	XLRM
Max. SPL	144dB
Output impedance	
Sensitivity53dB ±3dB (0d	B=1V/Pa @ 1kHz)
Polar pattern	Hypercardioid
Frequency response	
Dimensions	175 x 50mmØ
Weight	230g

Stock Code	Description
173.607UK	DM02 professional Vocal Mic





DM15 DYNAMIC MICROPHONE

Handheld vocal microphone with precision-machined metal body and resilient dynamic capsule.

Features a built-in on/off switch, ideal for vocal and karaoke applications.

- · Dynamic, unidirectional
- Supplied with a 4.0m XLR to 6.3mm mono jack lead (unbalanced)

Frequency response	40Hz - 17kHz
Polar pattern	Cardioid
Impedance	600Ω
Lead length	4.0m
Sensitivity	55dB
Dimensions	. 170 x 50mmØ
Weight	303g

Stoc	k Code	Description
173.	461UK	DM15 Dynamic Microphone





DMC03 DYNAMIC MICROPHONE

Dynamic microphone with rugged all-metal construction. Unidirectional capsule suitable for vocals and recording applications.

- · On/Off slide switch
- Supplied with 5m XLRF to 6.3mm mono jack lead
- Supplied with microphone holder and thread adaptor

Frequency response50Hz-15kHz
Sensitivity74dB (±3dB)
Impedance
ConnectionXLRM
Dimensions
Weight 310g

St	ock Code	Description	
17	73.863UK	DMC-03 Dynamic Microphone	



| DM18 VOCALIST | MICROPHONE

Handheld vocal microphone with precision-machined metal body and high quality dynamic capsule.

Features a built-in On/Off switch, ideal for vocal and karaoke applications.

• Supplied with a 4.0m XLR to 6.3mm mono jack lead (unbalanced)

Frequency response40Hz-17kHz
Polar pattern Cardioid
Impedance
Lead length 4.0m
Sensitivity55dB
Dimensions
Weight 330g

Stock Code	Description
173.468UK	DM18 Vocalist Microphone





AT6 RACK-MOUNT 100V ATTENUATOR + A/B SOURCE SWITCH 6 x 30W

10 19" rack mountable

Connect an AT6 to one or two 100V amplifiers to provide a 6-zone volume and source solution for multi-room installations.

Housed in a 1U rackmount enclosure, the AT6 has six output channels, which can feed up to 30W to one or more 100V speakers. Each channel has a rotary volume switch, on/off switch and an A/B source switch. 24V terminals can be connected to an emergency control panel for global muting.

A completely passive and cost-effective add-on to convert single output amplifiers into a flexible zoning system.

- Rotary output volume switch for each zone
- Passive operation, no power supply required









Power handling		30W max. per output zo	one
Channel controls.	11 position volun	ne attenuator, A/B source switch, On/Off swi	tch
		24V mute termin	
Connections	IN A + B, C	OUT 1-6, 24V MUTE (Euroblock screw termina	als)
Dimensions		482 x 160 x 43n	nm
Weight		2.39	}kg

Stock Code	Description
952.476UK	AT6 Volume Attenuator + A/B Switcher 100V 6 x 30W

ወ adastra

VR SERIES 100V VOLUME CONTROLS - RELAY FITTED

A range of high quality attenuators supplied complete with plastic surface mount back box.

full volume when triggered from a fire alarm panel.

The stylish ABS faceplate is fitted with a matching plastic knob. Each attenuator is fitted with a 24V relay to enable bypass to



- Attenuation in 10 steps: 8 x 3dB and 2 x 6dB steps
- 24V relay fitted for remote attenuator bypass



Stock Code	952.461UK	952.464UK	952.467UK	952.470UK
Power	12W	24W	36W	50W
Weight	228g	230g	232g	234g

Att	tenuation	3dB per graduation
Fre	equency response	35Hz - 20kHz
Re	lay	24V, 50mA
Dir	mensions	x 75mm (inc. back box)
Mc	ounting depth	47mm



AUDIO MIXERS | LIVE

In citronic

CSX-18 SERIES LIVE MIXING CONSOLE

DSP EFFECTS

Fully featured live mixing console with 14 mono mic/line inputs on XLR/jack and 2 stereo line jack inputs.

All channels have gain, 3-band EQ, switchable pre/post AUX output, FX send, Pan, PFL switch and 60mm channel faders. Phantom power is switchable to all XLR inputs for condenser microphones and active DI boxes. An inbuilt media player can accept a USB memory stick for playback of stored audio tracks and can also record the mix output for documenting rehearsals or performances.

Low noise and clean audio path with enough features and routing options for live performances, conferences and theatre productions.

- Integral USB player/recorder with BT receiver
- 24-bit DSP effects with 16 programs
- 14 mono balanced XLR/jack inputs
- · 2 stereo jack inputs













DSP effects processor24-b Output connections	
Power consumption max	
Fuse	T3AL @ 230V / T6AL @ 115V
Input level	+24dBu (mic/line), +20dBu (stereo line) max.
Phantom power	+48V globally switched to XLR inputs
EQ: high	12kHz ±15dB (shelving)
	2.5kHz ±15dB (band pass)
2-track	L+R RCA, 4kΩ, -2dBu

Stock Code	Description
170.885UK	CSX-18 Live Mixer with USB/BT Player + DSP Effects

EQ master bands 63, 160 , 500, 1k, 2.5k, 6.3k, 16k (all in Hz) Output level +26dBu (XLR), +20dBu (TRS jack) max.
Output: masterXLR balanced, ?75 Ohm, +4 dBu, Max.+22 dBu
REC output L+R RCA, <75 Ohm, -2dBu
Headphone impedance
Frequency response
Channel crosstalk>82dB
CMRR
Noise rms: 22Hz-22kHz EIN -122dBu, Residual output <-90dBu, Main/Aux mix
<-82dBu
Dimensions
Weight



de citronic

CSL SERIES COMPACT MIXING CONSOLES WITH DSP

Compact mixing consoles with balanced mic/line inputs and 2 stereo inputs, each with 3-band EQ and AUX send. A 16 program DSP section with tap tempo can provide vocal effects and a 7-band graphic EQ facilitates global tone control.

Designed primarily for venues and stage applications, these models offer a compact and comprehensive solution for mobile PA, bars and special events.

- 24-bit 16 program DSP effects
- 48V phantom power for XLR inputs
- IEC mains powered
- · Balanced main outputs





CSL-8











CSL-10





CSL-14





Power supply	230Vac, 50Hz (IEC)	EQ: high	12kHz ±15dB shelving
Phantom power	+48V (XLR inputs)	EQ: mid	2.5kHz ±15dB band pass
Power consumption	25W	EQ: low	80Hz ±15dB shelving
Fuse	T1AL	Input impedance: mic (balanced)	2kΩ
Input level	+24dBu	Input impedance: line (balanced)	10kΩ
Output level: line	+26dBu	Sensitivity: mic	60 to +14dBu
Frequency response	20Hz-30kHz (0.5dB)	Sensitivity: line	40 to +14dBu
CMRR	>74dB (mic 1kHz)	2-track	2 x RCA in & out (-2dBu)
THD +N	< 0.01% (channel to main out)	Effects	16 program DSP (24-bit sigma-delta, 40kHz)
Crosstalk	>85dB (fader mute), >82dB (channel)	Output impedance	<75Ω
Noise rms: 22Hz-22kHz	122dBu (EIN), -82dBu (mix)	Headphone output	6.3mm jack, 30-600Ω

Stock Code	170.851UK	170.853UK	170.855UK
Model	CSL-8	CSL-10	CSL-14
Mic/Line inputs	4 x balanced XLRF/TRS jack	6 x balanced XLRF/TRS jack	10 x balanced XLRF/TRS jack
Dimensions	310 x 320 x 107mm	360 x 320 x 107mm	475 x 320 x 107mm
Weight	3.0kg	3.5kg	4.5kg

AUDIO MIXERS | LIVE

₩ citronic

CSP SERIES COMPACT POWERED MIXERS WITH DSP

Powered mixer with balanced mic/line inputs and 2 stereo inputs, each with 3-band EQ and AUX send. A 16 program DSP section with tap tempo can provide vocal effects and a 7-band graphic EQ facilitates global tone control.

The built-in stereo amplifier delivers ample power to drive 2 or 4 speakers for coverage in medium sized venues, offering a compact and comprehensive solution for mobile PA, bars and special events.

- 24-bit 16 program DSP effects
- 48V phantom power for XLR inputs
- Internal stereo power amplifier
- Balanced main outputs





CSP-408



DSP Effects



3-band EQ per channel



CSP-410







CSP-714







 Power supply.
 .230Vac 50Hz (IEC)

 Input level.
 .+24dBu

 Output level: line.
 .+26dBu

 Frequency response.
 .20Hz-30kHz (0.5dB)

 CMRR
 .>74dB (mic 1kHz)

 THD +N.
 <0.01% (channel to main out)</td>

 Crosstalk
 .85dB (fader mute), 82dB (channel)

 Noise rms: 22Hz-22kHz
 -122dBu (EIN), -82dBu (mix)

 EQ: high.
 .12kHz ±15dB shelving

 EQ: mid
 .2.5kHz ±15dB band pass

Stock Code	170.841UK	170.843UK	170.845UK
Model	CSP-408	CSP-410	CSP-714
Power consumption	600W	600W	1000W
Fuse	T10A (5 x 20mm, 250V)	T10A (5 x 20mm, 250V)	T15A (5 x 20mm, 250V)
Output power @ 4Ω	2 x 200Wrms	2 x 200Wrms	2 x 350Wrms
Output power @ 8Ω	2 x 130Wrms	2 x 130Wrms	2 x 230Wrms
Inputs : mic/line	4 x balanced XLRF/TRS jack	6 x balanced XLRF/TRS jack	10 x balanced XLRF/TRS jack
Dimensions	315 x 322 x 153mm	369 x 322 x 153mm	477 x 322 x 153mm
Weight	6.80kg	7.35kg	10.40kg



de citronic COMPACT MIXERS WITH USB / BLUETOOTH

Compact format audio mixer with 2, 4 or 6 mono input channels and a stereo line input.

Each mono channel has a combo XLR/jack input with individually switchable mic/ instrument impedance and +48V phantom power for the XLR. Input channels have High/Low EQ and Pan controls and mono channels also have Effects level to vary the amount of internal digital delay effect added for vocals or instruments.

An internal player/recorder with backlit display can accept a USB memory stick containing compressed audio files in various formats or alternatively connect to a smartphone via Bluetooth for wireless link.

- · Integral USB multi-format audio player
- BT wireless connectivity
- Digital delay effect for vocals or instruments
- · Built in record function
- · Supplied with DC power adaptor







CSM-4







power





CSM-8





Input impedance : line Bluetooth version Frequency response 20Hz THD +N Dynamic range Crosstalk : stereo Output Left + Righ	2.1 + EDR - 20kHz (±0.5B) <0.03% @ 1kHz 102dB 92dB ht balanced XLR
Output impedance	

Stock Code	170.871UK	170.872UK	170.873UK
Model	CSM-4	CSM-6	CSM-8
Mic/Line inputs	2 x combo XLR/jack + stereo jack	4 x combo XLR/jack + stereo jack	6 x combo XLR/jack + stereo jack
Dimensions	166 x 165 x 66mm	220 x 165 x 66mm	274 x 165 x 66mm
Weight	0.89kg	1.17kg	1.45kg

de citronic

CSD SERIES COMPACT MIXERS WITH BLUETOOTH WIRELESS AND DSP EFFECTS

Compact format audio mixer with 2, 4 or 6 mono input channels and a stereo line input. Each mono channel has a combo XLR/jack input with individually switchable mic/instrument impedance and +48V phantom power for the XLR. Input channels have High/Low EQ and Pan controls. The Bluetooth pairing button enables wireless connection to a smartphone or tablet for playback.

All CSD mixers feature a 16 program DSP effects section with digital reverbs, delays and modulation effects for vocals and instruments. Output is delivered on a pair of balanced XLR connectors and offers very low noise operation for high quality studio or live performances.

- · Bluetooth pairing for smartphone or tablet
- · 16 program, 24-bit DSP effects engine
- · Supplied with DC power adaptor







CSD-4











CSD-6







CSD-8







Effects	. 16 program DSP (24-bit sigma-delta, 40kHz)
Power supply	5Vdc 1A (adaptor included)
Output	Left + Right balanced XLR
Audio source	Bluetooth receiver
Bluetooth version	2.1 + EDR
Power consumption max	5W
EQ: low	±15dB @ 80Hz
EQ: high	±15dB @ 12kHz
Phantom power	-48V individually switchable (XLR inputs only)

Input impedance : mic
Input impedance : instrument
Input impedance : line
Frequency response
THD +N
Dynamic range
Crosstalk: stereo
Output impedance
Max. output level

Stock Code	170.875UK	170.876UK	170.877UK
Model	CSD-4	CSD-6	CSD-8
Mic/Line inputs	2 x combo XLR/jack + stereo jack	4 x combo XLR/jack + stereo jack	6 x combo XLR/jack + stereo jack
Dimensions	sions 171 x 166 x 66mm 224 x 166 x 66m		274 x 166 x 66mm
Weight	0.92kg	1.19kg	1.46kg



M citronic

CDM8:4 USB 4 CHANNEL 19" DJ MIXER

This 14 input, 4 channel professional DJ mixer is ideal for mobile use and installations.

Each channel has 3 band EQ with individual volume control that can be assigned to either side of the crossfader or cue mix fader.

It features USB IN/OUT for playback or recording, and there are 3 x microphone inputs, great for karaoke and DJ set-ups.

- 2 x phono, 6 x line, 2 x USB IN/OUT, 1 x 3.5mm jack and 3 x microphone inputs
- 12Vdc BNC output for console light
- DJ mic + 2 vocal mic inputs for karaoke
- · Hi/Lo EQ for each mic channel
- · 45mm rail glide replaceable crossfader with defeat and assign channels
- · Remote fader starts on stereo channels
- · 3.5mm input option for patching in an mp3 player
- · Internal digital delay or FX loop for vocal mics
- · Individual gain controls on each music channel





Equaliser: bass-30 +10dB @ 100Hz Equaliser: midrange. -30 +10dB @ 800Hz30 +10dB @ 9kHz Equaliser: treble. Signal to noise ratio: line....>87dB

Signal to noise ratio: mic	dB
Signal to noise ratio: phono73	dΒ
Headphone output	2Ω
Dimensions	1U)
Weight	ikg

172.776UK CDM8:4 USB 14 - Input 19" Rack DJ Mixer

citronic

CDM10:4 MK5 **4 CHANNEL USB MIXER**

A classic mixer the Citronic CDM10:4 has always been the choice of the working DJ, with a simple layout that is packed with all the features you need.

The MKV version comes with connectivity through USB and an additional auxiliary input on the top panel for external sound sources such as mp3 player.

- 2 dedicated balanced mic channels with 3-band EQ
- · Mic override facility for DJ mics
- 2 auxiliary mics on channels 1 and 2
- · 8 CD/line inputs (2 switchable to phono)
- Top panel 3.5mm AUX input for mp3 player
- · 2 USB input/outputs for channels 3 and 4
- · Fully assignable VCA crossfader
- · Punch buttons
- · Hotswap channel faders
- · Individual gain control per channel
- 3-band EQ with total kill
- · Fully assignable send and return
- 10-bar LED monitor display
- · 12V BNC light socket (light not supplied)
- · Booth output
- · Balanced XLR and unbalanced RCA outputs
- · Rotatable back panel for convenient installation
- 19" (6U) rack mountable





... 220-230Vac, 50/60Hz (IEC) Power supply Fuse rating T250mA (240V) / T500mA (110V) Cutout . . 440 x 250mm Equaliser: bass.....+12dB, -26dB @ 100Hz Equaliser: midrange.....+12dB, -26dB @ 800Hz Equaliser: treble +12dB, -26dB @ 9kHz

Input: mic	kΩ
Input: phono	kΩ
Signal to noise ratio: line>87	dΒ
Signal to noise ratio: mic	dΒ
Signal to noise ratio: phono	dΒ
Dimensions 483 x 266 x 80mm (6	JU)
Weight	kg

Stock Code	Description
171.135UK	CDM10:4 4 Channel USB Mixer

In citronic

U-PAD COMPACT MIXER WITH USB INTERFACE

Compact audio mixer with 2 mono inputs and a stereo line input. Both mono channels have a combo XLR/jack input with individually switchable mic/instrument impedance and +48V phantom power for the XLR connector.

Analogue output is delivered on a pair of balanced XLR connectors and digitally to the USB for recording.

When powered from a laptop USB port, the U-PAD offers high quality recording capability in any environment, even on location.

- · High quality digital stereo input and output via USB
- · Studio quality balanced analogue inputs & outputs
- Individually switchable +48V phantom power
- · Supplied with USB lead for power and PC/Mac connection



Power supply	5.5Vdc (USB)
USB computer interface	Duplex stereo in/out AD/DA
Output	Left + Right balanced XLR (analogue)
Phantom power	+48V individually switchable (XLR inputs only)
Gain	14 to +40dB
EQ: low	±15dB @ 80Hz
EQ: high	±15dB @ 12kHz

Stock Code	Description
170.879UK	U-PAD Compact Mixer with USB Interface



Frequency response	20Hz - 20kHz (±0.5B)
Sampling format	24-bit, 96kHz max.
THD +N	< 0.03% @ 1kHz
Dynamic range	
Crosstalk: stereo	92dB
Output impedance	120 Ohms
Dimensions	171 x 166 x 66mm
Weight	900g

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PRO-2MK II DJ MIXER 2 CHANNEL

The PRO-2 MKII is a two-channel mixer with a solid build quality and an uncluttered layout. It has high quality faders, sturdy rotaries and includes a dedicated microphone input with two-band EQ and level control.

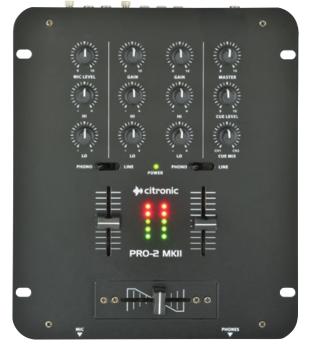
The monitor section features a rotary control to switch between channels 1 and 2 allowing the user to have a mix of both channels at the same time through the headphones.

- 2 channel, 5 input mixer 2 phono, 2 line, 1 mic
- 2 band music EQ with up to 35dB cut per channel
- Dedicated mic channel with 2 band EQ
- · Easy glide replaceable crossfader
- Headphone cue mix
- 3-bar LED monitor



Power supply	
Headphone output	32Ω, 1.8V (>5dB)
Input: line	
Input:phono	48dB, 47kΩ (±2dB)
Input: DJ Mic	53dB, 6kΩ (±1dB)
Output : master	RCA 0dB, 470Ω (±2dB)
Output : headphone	3dB/33Ω +5dB, ±2dB
Frequency response: line	20Hz-20kHz ±2dB
Frequency response: mic	20Hz-20kHz +2, -3dB
Frequency response: phono	50Hz-20kHz ±1dB (RIAA)
EQ line: hi	+10/-30dB +2/-2dB @ 10kHz
EQ line: low	+10/-30dB +2/-2dB @ 100Hz
EQ mic: high	+12/-12dB +2/-2dB @ 10kHz
EQ mic: low	+12/-12dB +2/-2dB @ 100Hz
THD	>0.2%
Dimensions	228 x 265 x 87mm (6U)
Weight	2 8kg

Stock Code	Description
172.752UK	Pro-2 MKII DJ Mixer 2-Channel







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AS-4 AUDIO SOURCE WITH DAB+, FM, USB, AUX AND BLUETOOTH



AS-4 is a 1U rack-mountable sound source with DAB+ tuner for digital radio reception and FM analogue radio tuner built in. In addition, the AS-4 has a USB audio player for mp3 tracks and a front mounted AUX input for wired connection to an mp3 or CD player.

The AS-4 is an ideal playback solution, offering a wide selection of background music channels to suit any location or event.



- · DAB+ digital radio tuner
- · FM analogue radio tuner
- · USB audio player
- · Bluetooth receiver
- Supplied with I.R. remote control





Stock Code	Description
952.984UK	AS-4 Audio Source with DAB+, FM, USB, AUX and BT

Power supply.....100-240Vac, 50/60Hz (fig.8) DAB frequency range 174 - 240MHz . 87.5 - 108MHz USB port USB 1.0/1.1/2.0 up to 32GB, FAT16/32 Antenna connection . . RF coax (FM/DAB+ aerial) Display Backlit LCD for track info, frequency, DAB+ DLS, B/T pairing

Auxiliary input 3.5mm stereo jack Headphone output 3.5mm stereo jack

Line output. S/N ratio 60dB Remote: battery 2 x AAA (not supplied) Frequency response 20Hz - 20kHz Weight.



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AS-6 AUDIO SOURCE MULTI-FORMAT PLAYER

AS-6 is a 1U rack-mountable audio source with 6 different playback modes all in a single, compact unit. Modes include a slot-feed CD player, USB player, SD card player, FM tuner, DAB/DAB+ tuner and Bluetooth receiver.

A compact magnetic spring antenna is provided for FM and DAB+ reception which connects to an F socket on the AS-6 rear panel, or alternatively connect this socket to a roof mounted aerial for best possible reception.

A comprehensive solution for playback in any sound system installation requiring background music and other continuous program material.

- · Bluetooth receiver
- USB/SD audio player
- · DAB/DAB+/FM tuner
- · Supplied with handheld remote control
- · Supplied with magnetic DAB/FM antenna









AS-6 Audio Source Multi-Format Player

230Vac, 50Hz (IEC) F1AL 250V (5 x 20mm) Power consumption..... Outputs..... L+R RCA (line level)CD, USB, SD, FM, DAB, Bluetooth . 20Hz - 20kHz (CD), Frequency response. . 40Hz - 16kHz (USB/SD/DAB/FM/BT)

THD. 0.03% (CD), 0.05% (USB/SD), 0.10% (DAB/FM) SNR≥75dB (CD/USB/SD), ≥65dB (FM) Tuning range 87.5 - 108MHz (FM), 160MHz - 240MHz (DAB/DAB+)

952.986UK

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ML622 1U MIC/LINE RACK MIXER

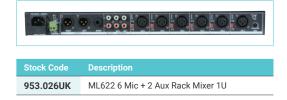


Rack-mountable 1U mixer with 6 mic/line inputs and 2 auxiliary inputs. Each mic/line channel has switchable phantom power and input level. Output connections are stereo XLR, mono jack or REC output on RCA with master bass and treble tone controls.

Designed as a master or expansion mixer for installed sound systems and conferences.







	Frequency response : mic 20Hz - 18kHz Frequency response : line
	Frequency response : aux 10Hz - 23kHz
1 dse 1 TAL 250V (TTAITS) OF 1 500TTA (24VdC)	requericy response aux Toriz - zoki iz
Phantom power +20Vdc (switchable)	Input sensitivity: mic45dBV
Inputs: mic/line 6 x balanced XLR	Input sensitivity: aux/line10dBV
Inputs: aux	Signal to noise ratio: mic
OutputsL+R XLR, mono 6.3mm jack, L+R RCA (REC)	Signal to noise ratio: aux/line60dB
Controls 6 x Mic/Line level, 2 x Aux level, Treble,	THD
Bass, Master	Dimensions
Input impedance 3.3k Ω (mic/line), 10k Ω (aux)	Weight

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ML432 1U MIC/LINE RACK MIXER



Rack-mountable 1U mixer with 4 mic inputs and 3 auxiliary inputs. Mic channel 1 has 20V phantom power and adjustable voice-over muting of auxiliary channels. An additional priority input can be connected to a line level input or an external 100V line PA system for emergency paging. Output connections are stereo jack with master bass and treble tone controls. Designed as a master or extension mixer for installed sound systems.





- 4 balanced microphone inputs
- +20V phantom power on priority mic input
- · 3 stereo AUX line inputs
- Can tap from an existing 100V PA system
- 24Vdc power option

Stock Code	Description
953.024UK	ML432 mic/line rack mixer



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www.avsl.com

Power supply	100-240Vac, 50/60Hz (IEC) or 24Vdc (terminals)
Fuse	T1AL 250V (mains) or F500mA (24Vdc)
	+20Vdc (mic1 XLR input only)
	4 x balanced 6.3mm jack (+XLR for mic1)
Inputs:aux	3 x L+R RCA
Inputs : priority	Line level (6.3mm jack), 100V (terminals)
Outputs	Left + Right 6.3mm jack (unbalanced)
Controls	4 x Mic level, 3 x Aux level, Treble, Bass, L+R output
Rear panel controls	Aux muting level, priority input level
Input impedance	2.2kΩ (mic/line), 10kΩ (aux)
Frequency response: mic	130Hz - 21kHz
	120Hz - 26kHz
	50Hz - 35kHz
	50dBV
	19dBV
	12dBV
9	54dB
Weight	1.43kg





1U rack-mountable audio matrix with 4 selectable inputs to 5 output zones.

An inbuilt media player section features playback from USB media, 3.5mm AUX input or Bluetooth. A TR86 touch operated remote wall plate is included to control source and output level for one of the zones. Additional TR86 wall plates may be added up to the full 5 zones as required. Outputs to zones can be monitored via an assignable 3.5mm stereo headphone output.

The RZ45 forms the command centre for installations ranging from basic remote control to a fully specified multi-room audio matrix.

- · Remote wiring via standard network type cable
- 4 selectable input sources or local audio to any zone
- · Supplied with one touch remote wall plate (expandable up to 5)





Fuse	. 100-240Vac, 50/60Hz (IEC lead included)
Inputs	USB/Bluetooth media player . Paging mic. (XLR) + 3 x stereo line (RCA) tivity41dBV12.5dBV
	ivity
Emergency control 24V EMG input: sensitivity. Signal to noise ratio: mic Signal to noise ratio: line Outputs. Output impedance: line. THD +N. Monitor outputs. Sphantom power. Remote control connections frequency response: ±3000 Attenuation.	mute contacts and emergency audio input
vveignt	1.76kg

Stock Code	Description
953.045UK	RZ45 Remote Zone Audio Matrix

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TR86 TOUCH REMOTE WALL PLATE **FOR RZ45 AUDIO MATRIX**

Remote control for the RZ45 audio matrix system built into a single gang 86 x 86mm wall plate.

The illuminated acrylic touch-operated surface selects between 3 stereo audio sources or the inbuilt media player on the RZ45, and controls the output level to its zone.

Up to five TR86 remote panels may be used with a single RZ45 unit controlling up to five independent zones.

- · Illuminated with colour coded indicators
- · Easy installation via RJ45 connection

Danier annali	04)/ / D745
Power supply	24Vdc (from RZ45 or externally)
Connection	8P8C (RJ45)
Terminals	Local +24V, Ground, Local line input
Controls	.Sources 1-4 (USB), Local, Mute, Level +/-
Mounting depth	
Dimensions	
Weight	







Stock Code	Description
953.050UK	TR86 Touch Wall Remote for RZ45 Audio Matrix

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Z5M ZONING MIXER



2 input, 5 zone mixer with individual volumes for both inputs and a mono switch for each zone. All inputs and outputs are stereo via balanced XLR connectors.

Acts as the central mix and control in an installation serving up to 5 separate stereo speaker zones.





- · 2 inputs to 5 zones
- · Mono selectable for each zone
- Fully balanced XLR connections

Stock Code	Description
953.019UK	Z5M zoning mixer

Power supply 115/230Vac 50/60Hz (IEC)
Inputs Line 1 L+R, Line 2 L+R, balanced XLRF
Outputs Zone 1 to 5 L+R, balanced XLRM
Input impedance
Output impedance

20Hz - 25kHz, +0/-1dB
>100dB
<;0.005%
483 x 175 x 44mm
2.2kg

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Z44R MULTI-PURPOSE 1U MIXER





1U live/zoning rack mixer with 2 mic/line inputs and 2 stereo line inputs feeding 4 stereo outputs. Mic channels feed to all outputs, whereas the stereo channels are switchable to any required zone.

Mic channels feed to all outputs, whereas the stereo channels are switchable to any required zone Applications vary from additional vocal mixing for DJ set-ups to multi-room zoning for venues and many other scenarios.





- 3-band EQ for mic channels
- 2-band EQ for stereo channels
- Lo-cut rumble filter for mic channels
- Switchable 48V phantom power
- Foot-switchable internal DSP reverb or ext. FX

Stock Code	Description
953.020UK	Z44R - live/zone mixer with DSP reverb - 1U rack

Power supply	230Vac, 50Hz (IEC)
Mic/line channel inputs	Ch 1 front combo and rear jack, Ch 2 combo (rear)
Mic/line channel controls	Level, Lo-cut, Gain, FX and Lo/Mid/Hi EQ faders
Line 3 + 4 stereo inputs	Input A (L+R) 6.3mm jack / Input B (L+R) RCA
Line 3 + 4 stereo controls	Level, In A/B and Lo/Hi EQ faders
Output connections	Outputs 1-3 (L+R) RCA, Output 4 (L+R) 6.3mm jack
Output controls	Level, Line 3 on/off, Line 4 on/off
	Reverb time, Depth (onboard or external level)
Indicators (LED)	Power, 48V, Mic/line signal+peak, Line peak, Output peak
Fire alarm contacts	Modular terminal, make-to-mute all except Mic 1
Dimensions	
Weight	2.75kg



Free next working day delivery service for orders of £100 or over.

Orders must be placed before 2.00pm. Terms and conditions apply.





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• Up to 12 outputs from

Signal splitter with 2 line inputs which are buffered and divided across 6 outputs each. Can be used as a 6-way stereo splitter or can be switched as a mono system feeding all 12 outputs from input A.

Applications include zone mixing, personal monitoring, effects patching and routing in complex recording setups.

- 1 or 2 inputs
- · Individual volume control for each output
- · Input peak LEDs





Stock Code	Description
953.022UK	LS26 line splitter

music, public address and house PA systems.

Power supply	(C)
Inputs	ck)
Outputs1 - 6 & 7 - 12 (6.3mm jac	ck)
Input impedance	kΩ
Output impedance 220	าด

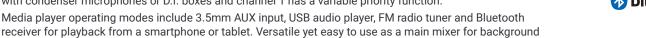
Frequency response	. 20Hz - 20kHz, +0/-1dB
Signal to noise ratio	>95dB
THD	< 0.008%
Dimensions	483 x 44 x 170mm
Weight	

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RACK MIXER WITH BLUETOOTH & USB/FM PLAYER



Rack-mountable 1U mixer with built-in media player and Bluetooth receiver. 3 mono inputs connect via XLR microphone or line input (switchable). Each of these inputs has switchable +20V phantom power for use with condenser microphones or D.I. boxes and channel 1 has a variable priority function.









Stock Code	Description
953.028UK	MM321 Rack Mixer + BT/USB/FM Player

- · Switchable +20V phantom power
- 24V emergency mute contacts

Pov	ver supply100-240Vac, 50/60Hz
Fus	eT1AL
Inpu	its:mic/line3 x XLR (bal/unbal)
Inpu	ıts:aux2 x L+R RCA
Inpu	it: line 3.5mm jack to media player
Aud	io source Internal Bluetooth, USB & FM player
Out	outs L+R XLR, Mono 6.3mm jack, Record out
	(RCA)
Eme	ergency control 24V contacts mute all except
	channel 1
Pha	ntom power +20V (switchable channels 1-3)
Con	trols . Media, 3 x Mic/Line, 2 x Aux, Treble, Bass,

Rear panel controls Priority muting level, mic/line
and phantom DIP switches
Input impedance $2.2k\Omega$ (mic/line), $10k\Omega$ (aux)
Frequency response: mic 20Hz - 18kHz
Frequency response: line 14Hz - 20kHz
Frequency response: aux 10Hz - 23kHz
Input sensitivity45dBV
Input sensitivity: aux/line10dBV
Signal to noise ratio: mic55dB
Signal to noise ratio: aux/line60dB
THD
Dimensions
Weight

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DM-8 DIGITAL MESSAGING UNIT





1U rack-mount digital messaging unit for scheduled audio playback. Audio files are stored on a removable SD card and may be transferred by inserting into a PC or directly recorded on the DM-8. Up to 99 schedules can be programmed to play a particular audio file from the SD card, set by

Up to 99 schedules can be programmed to play a particular audio file from the SD card, set by 24 hour time and day(s) of the week. The DM-8 can be added to any sound system to provide automated playback of timed announcements, music or audio alerts.







- · Up to 99 audio tracks stored on SD card
- BGM line input for background music
- Mic/Line input for recording or live announcements

Stock Code	Description
953.053UK	DM-8 Digital Messaging Unit

Power supply
Fuse
Inputs Paging mic/line (XLR or terminals), BGM (RCA)
OutputMono balanced terminal or unbalanced RCA
Time setting 99 program schedules 24 hour + day(s) setting
Audio sourceInternal SD card player
Phantom power +20V
Mic/line chann controls . Mic/Line level, Phantom power on/off

1	Input impedance
)	Controls
ı	Message 1-8, Output, Power on/of
	Trigger Message 1-8, Stop & Ground contacts
	SD card4-32GB FAT32 (full size or with adaptor
	Dimensions
-	Weight

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DSM RANGE DIGITAL SPEAKER MANAGEMENT SYSTEM



A high quality speaker management system, which is straightforward enough to use for basic PA systems, yet with enough features to satisfy the most demanding sound reinforcement applications.









- Inputs: 8-band shelving or parametric EQ
- · Inputs: Phase and Gain correction
- Outputs: Adjustable Limiter
- All inputs/outputs independently controlled

Rear panel: 170.668UK

Stock Code	170.665UK	170.668UK
Model	DSM26	DSM48
Inputs	2 balanced XLR or AES digital	4 balanced XLR or AES digital
Outputs	6 balanced XLR	8 balanced XLR

Processor	96kHz, 32-bit floating point DSP
Mute	Any input or output channel
Limiter	1 per output (adjustable)
Output EQ	8-band: Hi/Lo-shelf or Para
Delay	0-650ms per output
Frequency respor	nse
Input impedance	: balanced >10kΩ
Output impedanc	e : balanced <60Ω
Dimensions	
Weight	3.19ka



CEQ215 de citronic DUAL 15-BAND GRAPHIC EQ





The CEQ215 is a 19" rack mounted dual 15-band graphic equaliser, which allows the adjustment of labelled frequencies via the individual cut/boost faders.

Up to 12dB of cut or boost for frequencies ranging from 25Hz to 16kHz for accurate audio spectrum control.





Power supply115/230Vac, 50/60Hz (IEC)
Frequency response 20Hz-20kHz
Input impedance: balanced 40kΩ
Input impedance: unbalanced20kΩ
Output impedance: bal/unbal 330Ω

CEQ215 2 x 15-band graphic EQ

Channel separation
Signal to noise ratio >102dB
THD
Dimensions
Weight2.0kg

- 2 x 15-band 2/3 octave ISO spacing
- · RF filtered servo-balanced inputs
- · Constant Q each band
- · Bypass switch for EQ comparison
- · Low-cut switch each channel
- · Gain control each channel
- LED VU meters



170.923UK

CEQ231 DUAL 31-BAND GRAPHIC EQ





The CEQ231 is a 19" 2U rack mounted dual 31-band graphic equaliser, which allows the adjustment of labelled frequencies via the individual cut/boost faders.

Up to 12dB of cut or boost for frequencies ranging from 20Hz to 20kHz for ultimate EQ control.





Power supply 115/230Vac, 50/60Hz (IEC)
Frequency response 20Hz-20kHz
Input impedance: balanced 40kΩ
Input impedance: unbalanced20kΩ
Output impedance : bal/unbal

Channel separation	>50dB
Signal to noise ratio	>102dB
THD	0.005%
Dimensions	x 88 x 139mm
Weight	3.3kg

Stock Code	Description
170.926UK	CEQ31 2 x 31-band graphic EQ

- 2 x 31-band 1/3 octave ISO spacing
- RF filtered servo-balanced inputs
- · Constant Q each band
- Bypass switch for EQ comparison
- · Low-cut switch each channel
- · Gain control each channel
- · LED VU meters

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CE22 STEREO ENHANCER / EXCITER





The CE22 is a professional multi-band enhancer/exciter designed for various applications.

This unit combines 2 processors to align the phase and focus of bass frequencies,

improve the response of mid-high frequencies and add harmonic content to any dull sounding audio.

The surround processor utilises the phase alignment engine to give a greater perceived width to the stereo field.





Stock Code	Description
170.938UK	CE22 stereo enhancer/exciter

- Dual/stereo multi-band processor
- Process variable between enhancer and exciter
- · Dedicated bass processors
- · Surround processor to add width to stereo field
- · Auto noise reduction circuitry
- Bypass switch for processed/ unprocessed comparison
- · Balanced and unbalanced inputs and outputs

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STEREO COMPRESSOR / LIMITER / GATE





The CL22 is a professional 19" compressor/limiter/gate designed to control the dynamic range of the signal, allowing more overall sound volume before distortion. An enhancer on each channel helps restore high frequencies under heavy compression.

Also useful for protecting loudspeakers by curtailing the output once it reaches a preset threshold level.

The gate helps to reduce noise in silent passages.





Power supply 115/230Vac, 50/60Hz (IEC)
Connectors : bal/unbal
XLR or 6.3mm jack inputs and outputs L+R
Input impedance: balanced 50kΩ
Input impedance: unbalanced 25kΩ
Output impedance 600

CL22 stereo compressor/limiter/gate

Stock Code

170.935UK

Operating level ... +4dBu/-10dBV, switchable Frequency response .. 20Hz-20kHz (+0/-0.5dB) Signal to noise ratio ... >95dBu THD0.04% @ +4dBu 1kHz Dimensions482 x 44 x 180mm Weight ... 3 2kg

THD
Dimensions 482 x 44 x 180mm
Weight

- Dual or stereo linked compressor/limiter
- Expander/gate on each channel
- Variable or Auto attack/release times
- · Enhancer on each channel
- Bypass switch for processed/ unprocessed comparison
- ${\boldsymbol{\cdot}}$ Balanced and unbalanced inputs and outputs
- · LED attenuation meters



citronic **ACTIVE CROSSOVER - 2/3/4 WAY**





The CX34 is a 2 or 3-way stereo or 4-way mono active crossover designed to split frequencies so that low frequencies are delivered to the amp driving the sub cabinets and mid/top frequencies are delivered to the amp driving the mid/top frequency cabs.

This type of system is more efficient and delivers more accurate sound quality, especially in larger PA systems.





Power supply.....115/230Vac, 50/60Hz (IEC) Input impedance: balanced. Input impedance : unbalanced25k0 Crossover ranges .45-960Hz (switchable 10x) or 450Hz-9.6kHz

CX34 active crossover 2 / 3 / 4-way

Filter slope 24dB/octave Frequency response. 20Hz - 20KHz, +0/-0.5dB Signal to noise ratio THD<0.004% @ +4dBu, 1kHz

· 2 or 3-way stereo, 4-way mono crossover

- 19" rack mountable
- Linkwitz-Riley 24dB/octave, state variable
- · Continuously adjustable cutoff frequencies
- 40Hz ultra-low frequency cut
- · Phase invert function
- · Inputs and outputs via XLR

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170.932UK

ACTIVE CROSSOVER - 2 / 3 WAY





The CX23 is a 2-way stereo or 3-way mono active crossover designed to split frequencies so that low frequencies are delivered to the amp driving the sub cabinets and mid/top frequencies are delivered to the amp driving the mid/top frequency cabs.

This type of system is more efficient and delivers more accurate sound quality, especially in larger PA systems.





Power supply115/230Vac, 50/6	OHz (IEC)
Input impedance: balanced	40kΩ
Input impedance: unbalanced	20kΩ
Output impedance	220Ω
Crossover ranges: stereo	
50Hz-5kHz; 750H	Hz-7.5kHz
Crossover ranges: mono	
50Hz-5kHz:750Hz-7 5kHz: 2kl	Hz-20kHz

Filter slope	18dB/octave
Frequency response	20Hz-25kHz +0/-1dB
Signal to noise ratio	>90dB
THD	0.006%
Dimensions	482 x 44 x 170mm
Weight	2 5kg

Stock Code	Description
170.929UK	CX23 active crossover - stereo 2-way / mono 3-way

- · 2-way stereo, 3-way mono crossover
- 19" rack mountable
- · Butterworth filters 18dB/octave
- · Continuously adjustable cutoff frequencies
- 40Hz ultra-low frequency cut
- · Phase invert function
- · Inputs and outputs via XLR

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19" RACK CABINETS

Cabinets for 19" rack-mount equipment with removable side panels and lockable front door. Constructed from cold-rolled steel with folded edges for strength and stability.

Front and rear rack strip is supplied and mounted to rails inside the cabinet, enabling the mounting depth to be adjusted to accommodate equipment with overhanging fittings or to support the rear of heavy units. Superbly designed, secure containment for professional rack installations.

- Durable epoxy powder coated finish
- · Clip-in side panels for easy access
- · Wall mountable or free-standing
- · Easy to assemble
- · Adjustable feet (953.541UK) and castors (953.542UK) available





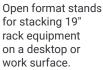


Stock Code	Description
953.504UK	4U x 450mm Deep
953.506UK	6U x 450mm Deep
953.509UK	9U x 450mm Deep
953.512UK	12U x 450mm Deep
953.515UK	15U x 450mm Deep
953.518UK	18U x 450mm Deep
953.522UK	22U x 450mm Deep
953.528UK	28U x 450mm Deep

Stock Code	Description
953.604UK	4U x 600mm Deep
953.606UK	6U x 600mm Deep
953.609UK	9U x 600mm Deep
953.612UK	12U x 600mm Deep
953.615UK	15U x 600mm Deep
953.618UK	18U x 600mm Deep
953.622UK	22U x 600mm Deep
953.628UK	28U x 600mm Deep

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DESKTOP RACK STANDS





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1U CABLE MANAGEMENT CHANNEL

1U blank plate with rear-mounted finger trunking and clip on back plate.

Designed to provide a flexible and tidy solution where numerous signal patch cables are running within a 19" rack installation.



Stock Code	Description
710.626UK	1U - 50mm deep

- · Slotted ducting for different cable exit points
- · 50mm deep containment

adastra

Available in 2 depths and various rack

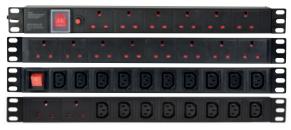
19" RACKMOUNT POWER **DISTRIBUTION UNITS**

19" rack-mountable power distribution units with BS1363 or IEC socket outputs.

Each occupies just 1U height for convenient access to power in rack cabinets or cases.

• Re-settable 10A fuse (776.490UK only)

· Hard-wired 1.8m lead with UK plug



Stock Code	Description
776.490UK	6-gang UK + breaker 1.8m
776.491UK	8-gang UK 1.8m
776.495UK	10-gang IEC + switch 1.8m
776.497UK	2 UK + 8 IEC 1.8m

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RACK FIXING KIT

20 piece set of M6 captive nuts, bolts and plastic washers for fixing equipment to standard rack strip.

Stock Code	Description
952.295UK	Rack fixing kit pack of 20







MULTI-DIRECTIONAL SPEAKER BRACKETS

Adjustable speaker brackets for wall or ceiling mounting with multi-angle adjustment.



- · Multi-directional ball joint mount
- Strong metal construction
- · Safety cable supplied





Wall bracket mounting centres87.5	x 82mm
Speaker: mounting centres	0-80mm
Dimensions	115mm
Weight (each)	125g

Stock Code	Description
103.015UK	Adjustable speaker brackets

@qtx

SPEAKER WALL

A strong speaker bracket for wall mounting speaker boxes.

The bracket provides tilt adjustment.



· Adjustable in 3 positions, 45°, 67.5°, 90°



Pole diameter	35mmØ
Dimensions	280mm
Weight	.1.56ka

Stock Code	Description
129.093UK	Speaker wall bracket

@qtx

SPEAKER WALL

A strong speaker bracket for wall mounting speaker boxes.

Bracket provides horizontal adjustment.



Adjustable from 45° to 90°

 Supplied with mounting hardware

Pole diameter
Dimensions 200 x 115 x 300mm
Weight1.3kg

Stock Code	Description
129.095UK	Speaker wall bracket



SPEAKER WALL

A strong speaker bracket for wall mounting speaker boxes. Bracket provides both horizontal and tilt adjustment.



Also features an adjustable back support for securing different size speaker boxes.

- · Horizontal adjustment 160mm min. to 335mm max
- Tilt adjustment from 45° to 90°
- Supplied with mounting hardware



Pole diameter	 	 	 	35mmØ
Height	 	 	 	.230mm
Width	 	 	 	.385mm

Stock Code	Description
129.098UK	Speaker wall bracket

@ qtx

UNIVERSAL SPEAKER BRACKETS

A pair of robust wall brackets for mounting speakers with a 35mm pole-mount.

Features tilt adjustment and an extendable arm.

- · Allows continuous tilt adjustment from 65° to 90°
- · Note: Mounting hardware not included



Tilt adjustment angle
Adjustable extension (from wall)
300mm, 320mm, 340mm, 360mm
Tube diameter
Bracket dimensions 250 x 100mm
Weight1.43kg each

Stock Code	Description
129.097UK	Adjustable speaker wall brackets

🗇 adastra

UNIVERSAL SPEAKER BRACKETS

These speaker brackets are designed to work with all types of small home cinema and surround sound satellite speakers.



· Supplied with 3 sizes of swivel arms 6mm (20mm straight, 50mm right angled and 85mm right angled)



Mounting dimensions	72 x 38 x 42mm
Mounting plate fixing centres	62mm
Weight	177g

Stock Code	Description
129.207UK	Universal Speaker Bracket - Black
129.208UK	Universal Speaker Bracket - White

1000V

@qtx

FLARE-1000 VERTICAL LED FOG MACHINE

High output fog machine with output from the top of the housing to deliver a vertical column of fog.

The output nozzle is surrounded by six RGB LEDs which have various program sequences for multi-colour flare effects.

Produces dramatic and colourful plume of smoke on demand from DMX or wireless remote control.

- · Supplied with RF remote control
- 6 x RGB LEDs with multi-colour sequences
- QTX High Quality Fog Fluid (160.583UK) should be used with this machine





Stock Code	Description
160.486UK	FLARE-1000 Vertical LED Fogger



Power supply 220-240V	ac, 50Hz (IEC)
Power consumption	1000W
Fuse	F5AL
Warm up time	
Fog output 6000 cu ft	(170m³) /min
Fluid capacity	1 litre
LED: quantity	6

LED: type 1W tri-colour RGE
Controller RF remote or DMX512 contro
Remote control frequency433MHz
DMX channels
Dimensions 315 x 215 x 170mm
Weight

900W

⋐qtx

QTFX-900 FOG MACHINE 900W

Fog machine with wired or wireless remote control. Patented coating inside pipework helps to avoid jams caused by residue build-up, and an auto cut-off circuit protects the machine when fluid level is too low.

Digital temperature control system maintains a high operating temperature for shorter re-heat times, delivering a high volume of fog output with reliable and efficient flow from the compact and discreet housing.

- \bullet Digital temperature control for consistent output
- Removable tank for easy maintenance
- · Auto cut-off when fluid is too low
- QTX High Grade Fog Fluid (160.588UK) should be used with this machine





Stock Code Description
160.476UK QTFX-900: Fog Machine 900W



Power supply 230Vac, 50Hz (IEC)
Power
Reheat time 4 minutes (approx.)
Fog output (approx.) 10,000 Cu Ft (283m3) / min

Fluid capacity	1.3 litres
Remote control frequency	433MHz
Dimensions	(111mm
Weight	2.7kg



QTFX-2000 MKII FOG MACHINE 2000W

The highest output QTX fog machine for large area coverage and powerful delivery.

It can be operated by either a built-in timer, the wireless remote or 1 channel DMX, making it ideal for large nightclubs, stages and amusement parks. Continuous, reliable operation is helped by intelligent temperature control and anti-jamming technology.

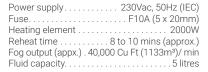
The fluid tank can hold up to 5 litres and is removable for clean and convenient refilling, or can be replaced with a standard Euro 5 litre fluid bottle.

- 40,000 Cu Ft (1133m³) per minute (approx)
- · Timer remote and wireless remote included
- QTX HQ Fog Fluid (160.583UK) or QTX Premium Fog Fluid (160.589UK) should be used with this machine





Stock Code	Description
160.473UK	QTFX-2000 mkll High Power Fog Machine 2000W



QTFX-2000 m

Remote cable length	5m
Remote frequency 433M	Ηz
DMX connection XLR in/out (1-chann	iel)
Dimensions 670 x 350 x 260m	۱m
Weight)kç



ZEPHYR HAZE MACHINE 300W

Digitally controlled haze machine with a sturdy metal housing for small and medium sized venues. Haze output can be set via the rear control panel and controlled from the included keyfob-style RF wireless remote or by DMX signal.

The fluid bottle can be removed for easy refilling and there is a slot window to show the fluid level. Designed to offer professional level haze effects in a compact format for easy installation and portability.

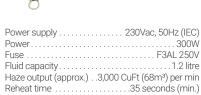
- · Compact housing with minimal footprint
- · Digitally controlled output rate
- QTX Haze Fluid (160.591UK/160.596UK) should be used with this machine



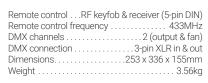


Stock Code	Description
160.494UK	Zephyr Mini Haze Machine 300W





Controls Output (0-255), Fan speed (0-255)







DMX512



FH-700 MINI FOG-HAZE MACHINE 700W

This mini effects unit produces both a fog and haze. The flow rate and internal rotary fan can be adjusted to produce either thick fog effects or light haze depending on your requirements.

Supplied with a handheld timer remote control, making it suitable for a wide variety of applications such as nightclubs, laser shows, mobile DJs and theatres.

- · Anti-jamming pipe technology
- Intelligent microcomputer keeps the temperature high
- Removable tank for easy maintenance
- · Robust metal housing
- · Timer output control included
- QTX High Quality Haze Fluid (160.591UK) should be used with this machine





Stock Code	Description
160.458UK	FH-700: Mini Fog-Haze Machine 700W



Power	700W
	5,000 Cu Ft (170m³) / min
Reheat time	5-8 min (approx)
Power supply	230Vac, 50Hz (IEC)

Fluid capacity	2.5 litres
Remote cable length	5m
Dimensions	. 400 x 215 x 210mm
Weight	5.3kg



HZ-3 HAZE MACHINE 700W

The HZ-3 features a range of upgrades to ensure it remains the top haze machine in its class.

An improved 700W heater ensures all fluid is vaporised quickly as well as decreasing the warm up time. The LED digital display allows for stand alone operation whilst still allowing for the use of a timer remote or 2 channel DMX operation.

There is a fluid level sensor which indicates when the machine needs refilling so as not to damage the pump. This product has been specifically developed for professional installations and high-end DJ applications.

- Relay temperature controlled for constant temperature control and longer life
- Uniquely designed nozzle for reduced condensation build up in the pipes
- True constant haze output
- Variable output angle
- · Low fluid indicator
- Removable fluid tank





Stock Code	Description
160.451UK	HZ-3 Haze Machine Digital Display 700W
	· · · · · · · · · · · · · · · · · · ·



Power supply 230Vac, 50Hz (IEC)	
Power	
Warm up time 3 minutes (approx.)	
Haze output (anx.) 2 400 CLLEt (68m³) / min	

Fluid capacity	1.6 litres
Dimensions	x 260mm
Weight	5.5kg



HZ-800: **HAZE MACHINE 800W**





The HZ-800 is a high efficiency 800W haze machine capable of producing 12,000 Cu Ft per minute of haze to rapidly fill venues.

The volume and speed of fill can be easily controlled using the included wired controller with LCD panel or keyfob-style RF wireless remote.

For automated operation a 2 channel DMX connection is also available.

The fluid bottle can be removed for easy refilling and there is a slot window to indicate the current fluid level.

- 12,000 Cu Ft per minute
- · Wired Controller with button control and LCD display



Stock Code	Description
160.498UK	800W Haze Machine



Power supply 220-240Vac, 50/60Hz (IEC)
Fuse rating5A
Power
Warm up time
Remote control frequency

Haze output (apx.) . 12,000 cu.ft (340m³) per min
Fluid capacity
Dimensions
Weight 4.9kg



HAZYR-PRO HAZE GENERATOR 1000W

Professional high output haze generator built into a sturdy flight case. Operated via DMX512 signal or in auto-timer

mode from the onboard digital control panel.

Instant thermal design provides fast response to control signals and a DC fan offers precise control over air-flow.

Designed to produce high volumes of haze output on demand with precision control.

- Built into a full flight case
- Precise and accurate output control
- Removable digital control panel for remote control
- QTX High Quality Haze Fluid (160.591UK) should be used with this machine



Stock Code	Description
160.482UK	HAZYR-PRO Haze Generator 1000W







2 litres

900W

@ qtx

QTFX-LF900 LOW LEVEL FOGGER 900W

A compact 900W low-level fog machine which uses fog fluid running over a tray of ice to produce a heavy low level fog that creeps along the floor.

The perfect tool to create an atmosphere in theatres, on a stage, in a film or a display at exhibitions.

You can control the output and the time delay from the provided hand held controller.

- 4,000 Cu Ft (113m³) per minute
- Full ice reservoir lasts 3 hours (12 hours standby)
- · Fluid level sensor
- · Easy to drain ice compartment
- QTX Low Level Fog Fluid (160.593UK) should be used with this machine





Stock Code	Description
160.447UK	QTFX-LF900 Low Level Fogger



Power supply	OHz (IEC)
Power	900W
Reheat time 4 min	(approx.)
Fog output (approx.) 4000 Cu Ft (113	m³) / min
Fluid capacity	0.8 litres

Ice reservoir
Remote cable length 4.5n
Dimensions
Weight7.5k

@ qtx

STRATUS-1200 LOW LEVEL FOG MACHINE 1200W

This portable effect machine produces "dry ice" low fog effects without the use of carbon dioxide or ice.

New technology delivers a ground-hugging, flowing mist from standard fog fluid and water, perfect for stages, theatres and themed events.

The main unit has a removable fluid tank and easy access water reservoir with drain tap and can be operated by a wired digital control panel, seperate RF remote or 2 channel DMX connection if required.

- Produces an impressive, ground hugging mist effect
- · Works using only standard fog fluid and water
- QTX High Quality Fog Fluid (160.583UK) should be used with this machine





Stock Code	Description
160.448UK	STRATUS-1200 Low Level Fog Machine 1200W



Power supply 220-240Vac, 50/60Hz (IEC)
Power consumption1200W
Fuse F5A
DMX channels 2CH
Warm up time 3-5 minutes
Remote control connection 5 Pin DIN

Remote control frequency	.433Mhz
Fog output	ft per min
Fluid capacity 1.2 litre (fog fluid), 3 litre	re (water)
Dimensions 510 x 360 :	x 260mm
Weight	9.3kg



UMBRA-1200 LOW MIST GENERATOR

Stage effect machine producing a "dry ice" low fog effect without the use of carbon dioxide or ice.

New technology delivers a ground-hugging mist from standard fog fluid and water. Housed in a full flight case with castors for portability, the main unit has a removable fluid tank and easy access water reservoir with drain tap.

The mist is delivered via a flexible duct and output funnel to allow the user to direct the effect onto a specific area of the stage.

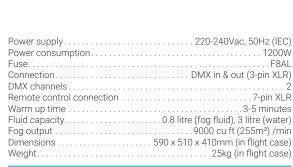
Operated by the onboard digital control panel, which can be detached as a wired remote or via DMX512.

Designed to provide a dramatic low flowing mist scene for stages, theatres and themed events.

- · Supplied in a full flight case with lockable castors
- · Removable digital control panel for remote control
- · Professional ground level mist effect
- · Operates from standard fog fluid and water
- QTX High Quality Fog Fluid (160.583UK) should be used with this machine







1200W

Stock Code	Description
160.480UK	UMBRA-1200 Low Mist Generator



COMPACT FOG MACHINE 400W

Professional fog machine in a compact steel housing.

Designed for smaller venues and mobile DJs, this tiny unit is capable of delivering 2,000 Cu Ft (57m³) per minute of fog.

Wired remote control is included for fog on demand operation and an adjustable mounting bracket allows the unit to be fixed to lighting stands or trusses.

A great solution for fog effects where space is limited.

- · IEC remote control supplied
- · Compact and lightweight design
- QTX Fog Fluid (160.582UK) should be used with this machine







Power supply	
Fluid capacity	0.25 litres
Fog output (approx)	2000 Cu Ft (57m³) / min (approx)
Reheat time	3 - 4 minutes
Remote control	Momentary switch, IEC connection
Dimensions	120 x 150 x 240mm
Weight	1.5kg

Stock Code	Description
160.461UK	QTFX-400 Compact Fog Machine 400W

400W

@qtx

MOONCLOUD: COMPACT 400W LED FOG MACHINE WITH RGB MOONFLOWER EFFECT

A compact and portable unit comprising a standard fog machine and 2 eye-popping light effects.

The 9 bright RGB LEDs provide a traditional PAR wash effect and the additional central RGB moonflower then adds colourful patterns which combine with the fog to provide a complete room filling solution.

Control using either the in-built sound to light mode or with the included remotes, this all-in-one solution is ideal for mobile DJs, house parties, small events and more.

- 400W fog vaporizer with around 2,500 Cu Ft per minute output
- Supplied with UK and EU IEC leads and mounting bracket
- QTX Fog Fluid (160.582UK) should be used with this machine





Stock Code	Description
160.491UK	Compact LED Fog Machine with RGB Moonflower Effect 400W



Power supply 220-240Vac, 50/60Hz (IEC)
Power
Fuse rating
Warm up time 3-5 minutes
Remote control frequency 433Mhz
Fog output (approx.) 2500cu.ft/min

Fluid capacity	0.3 litres
LED: power	1W RGB LED x 9pcs
+ 2W R	GB moonflower LED
Battery: remote 23	A 12V (not supplied)
Dimensions	290 x 250 x 155mm
Weight	3kg

⊚qtx

SPHEROSMOKE: COMPACT 400W LED FOG MACHINE WITH RGB MAGIC BALL EFFECT

This compact and easily portable unit combines a standard fog machine with 2 light effects.

The 9 bright RGB LEDs provide a traditional PAR wash effect and the additional RGB magic ball then adds colourful patterns which both combine with the fog to provide a complete room filling solution. Control using either the in-built sound to light mode or with the included remotes, this all-in-one solution is ideal for mobile DJs, house parties, small events and more.

- 400W fog vaporizer with around 2,500 Cu Ft per minute output
- Supplied with UK and EU IEC leads and mounting bracket
- QTX Fog Fluid (160.582UK) should be used with this machine





Stock Code	Description
160.492UK	Compact LED Fog Machine with RGB Magic Ball Effect 400W



Power supply 220-240Vac, 50/60Hz (IEC)
Power
Fuse ratingF5A
Warm up time 3-5 minutes
Remote control frequency 433Mhz
Fog output (approx.) 2500cu.ft/min



Fluid capacity	0.3 litres
LED: power	1W LED x 9pcs
	+ 1W RGB magic ball
Battery: remote 23	BA 12V (not supplied)
Dimensions	290 x 250 x 155mm
Weight	3kg



400W Power

HZ-1500LED LED FOG MACHINE 1500W





A high efficiency 1500W fog machine capable of producing 20,000 Cu Ft per minute of smoke to rapidly fill larger venues.

The smoke effect can then be highlighted with an array of colours from the 9 bright LEDs housed in the front of the unit.

The smoke and light effects are easily controlled using either the included keyfob-style RF wireless remote or by 6-channel DMX connection.

The 2.3 litre fluid bottle can be removed for easy refilling and there is a slot window to indicate the current fluid level.

- · 433Mhz keyfob-style RF wireless remote
- 6-Channel DMX connections
- QTX HQ Fog Fluid (160.583UK) or QTX Premium Fog Fluid (160.589UK) should be used with this machine





Stock Code	Description
160.495UK	LED Fog Machine 1500W



Power supply220-240Vac, 50/60Hz (IEC) Fuse rating F8A Power	
Remote control frequency433Mhz	

Fog output (apx.) 20,000 cu.ft/min
Fluid capacity 2.3 litres
LED: power
Battery: remote 23A 12V (not supplied)
Dimensions 465 x 250 x 190 mm
Weight 4.9kg

@qtx

QTFX-2000LED HIGH POWER SMART LED FOG MACHINE 2000W

High output LED fog machine combining large area coverage and powerful delivery with 6 bright LEDs to provide an interesting and colourful fog display.

The unit can be operated by either the control panel and LCD display on the back, additional RF remote control or 7-Channel DMX, making it ideal for larger sized events.

The large capacity fluid tank holds up to 5.5 litres and is removable for clean and convenient refilling, and the integrated low fluid protection switch ensures the unit can't be damaged if left running when the tank is empty.

- Choice of 3-pin or 5-pin XLR connection to your DMX controller
- QTX Fog Fluid (160.583UK/160.582UK) or QTX Premium Fog Fluid (160.589UK) should be used with this machine





160.478UK Smart LED Fog Machine 2000W







Power supply 230Vac, 50Hz (IEC)
Fuse rating F10A
Power
Warm up time 5 to 6 minutes (approx)
Remote control frequency 433Mhz

Fog output (apx.) 72,000 cu.ft/mir
Fluid capacity 5.5 litres
LED: power
DMXXLR (3-pin/5pin) in/out (6-channel)
Dimensions 550 x 280 x 280mm
Weight10kg

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QTFX-B3 MEGA BUBBLE MACHINE

Unique to QTX, this lightweight bubble machine features barrel rolling wands which produces an incredible amount of bubbles.

It is made from heavy duty ABS plastic and features a high quality, low noise fan.

Ideal for events, parties and mobile discos.

- Very high bubble output
- · High speed fan with low noise
- Easy fill and empty tank
- \bullet QTX Bubble Fluid (1L 160.574UK, 5L 160.575UK) should be used with this machine







Power consumpti RPMFluid capacity Dimensions	
Stock Code	Description

QTFX-B3 Mega Bubble machine

@ qtx

QTFX-B2 BUBBLE MACHINE

Portable bubble machine with high quality fan and motor to produce the best bubbles possible for your party.

- High bubble output
- High speed fan with low noise
- Easy to empty and clean tank
- QTX Bubble Fluid (1L 160.574UK, 5L 160.575UK) should be used with this machine





Stock Code	Description
160.563UK	QTFX-B2 Bubble machine



Power	supply	230Vac,	50Hz (IE	C)
Power	consumption	n	40	Ŵ
RPM				20

160.560UK

Fluid capacity	U.b IItres
Dimensions	.290 x 240 x 220mm
Weight	2.0kg



@ qtx

BUBBLE BOX BUBBLE MACHINE

Mains powered, high output bubble machine built into a compact steel housing.

Bubble output is controlled by either wired or wireless remote control.

Designed to deliver a torrent of bubbles for stage effects and parties.

- 3 fans (1 front, 2 rear) for optimum air flow
- · Quick drain tap at the rear
- Supplied with wired and wireless remote control
- QTX Bubble Fluid (1L 160.574UK, 5L 160.575UK) should be used with this machine







Power supply 230Vac, 50Hz (IEC) Power consumption	
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Stock Code	Description
160.550UK	Bubble Box Bubble Machine

@qtx

QTFX-B4 PROFESSIONAL BUBBLE MACHINE

Our most powerful bubble machine with two wheels rotating at 60rpm.

Combined with a total of 4 output fans to produce a high volume of bubbles and disperse them over a large area quickly.

Ideal for use at large venues or events.

- Produces an extremely high amount of bubbles
- \bullet 4 fans for maximum output and quick dispersion
- Wheel base for easy transportation and positioning
- · Quick drain tap at the rear
- QTX Bubble Fluid (1L 160.574UK, 5L 160.575UK) should be used with this machine







Stock Code	Description
160.564UK	QTFX-B4 Bubble machine

DMX512

A high output effects machine that combines high density bubbles with a powerful fogger, to produce a stunning smoke filled bubble experience.

The 12 bright LEDs on the front of the unit can be used to highlight the torrent of bubbles, producing an exciting and colourful effect that's ideal for parties and events.

The unit itself is made from hardwearing steel, which encases three fans for optimum air flow.

It also comes complete with a fully functional wired controller and smaller RF remote for simple wire-free operation and is DMX compatible for more precise control.

- 900W Fogger produces up to 5,000 Cu Ft per minute
- · High output bubble machine with 10 wands
- 1.2 Litre removeable fluid tank for fog machine
- 433Mhz keyfob-style RF wireless remote
- 3 fans (1 front, 2 rear) for optimum air flow
- · Quick drain tap at rear for bubble fluid









Power supply
Fuse
Power
DMX channels 10CH
Warm up time 3-5 minutes
Remote control frequency433Mhz
Fog output (approx.)5000cuft/min

Fluid capacity 1.2 litres (fog), 0.7 litres (bubble)
Number of wheels
Number of wands per wheel
LED: power12x 1W RGB
Dimensions
Weight

160.555UK LED Bubble Fog Machine



Free next working day delivery service for orders of £100 or over.

Orders must be placed before 2.00pm. Terms and conditions apply.





SW-3LED **LED SNOW MACHINE 800W**

800W LED snow effect machine for small to mid sized venues and events.

Utilises a heavy duty fan to convert snow fluid into a blizzard of foam particles, giving the impression of snowfall.

The snow can then be highlighted with an array of colours from the 6 bright LEDs housed in the front of the unit.

Wired remote control is included for snow on demand operation and the additional RF remote can be used for more precise control of the LED effects.

- QTX Snow Fluid (1L 160.578UK, 5L 160.579UK) should be used with this machine
- · Removable 1.2L fluid tank







Power 220-240Vac, 50/60Hz (IEC) Fluid capacity 1.2 litre Power 800W Volume per min 8m³ LED: power 1W x 6pcs	$RF \ Remote: RGB \ and \ Snow \ on/off \\ Remote \ frequency$
---	--

Stock Code	Description
160.566UK	LED Snow Machine 800W

@qtx

SNOW MACHINE 1200W

High output snow effect machine for large venues and seasonal events.

Utilises a heavy duty fan to convert snow fluid into a blizzard of foam particles, giving the impression of snowfall.

Wired remote control has an on/off switch and rotary output volume control or the unit can be operated from DMX.

Purpose built for professional stage shows, themed installations and corporate events.

- QTX Snow Fluid (1L 160.578UK, 5L 160.579UK) should be used with this machine
- · Removable 5L fluid tank







, , ,	DMX Channels.
1 2	1 channel (fan on/off & output 1 - 100%)
	Dimensions 320 x 300 x 525mm
Volume per min50m³	Weight
Remote control	
Wired remote (on/off & output volume)	

Stock Code	Description
160.565UK	SW-2 Snow Machine 1200W

Our comprehensive range of top-up fluids and fragrance additives perfectly complement our QTX Effects Machines to create the ideal atmosphere at events of all kinds and sizes.



Stock Code	Description	Volume	Liquid	Results	Ideal for use with:
160.578UK	Snow Fluid	1 Litre		High quality snow fluid that lasts 30% longer	All Snow Machines
160.579UK	Silow Fluid	5 Litre	Clear	than other standard fluids	All Show Machines
160.574UK	Bubble Fluid	1 Litre	Clear Long lasting bubbles	All Bubble Machines	
160.575UK	Bubble Fluid	5 Litre			Long lasting bubbles
160.576UK	UV Bubble Fluid	1 Litre	Vallou	ellow Bubbles that glow under UV light	All bubble Machines
160.577UK	OV Bubble Fluid	5 Litre	rellow		

Stock Code	Description	Volume	Liquid	Dispersion	Density	Stability	Ideal for use with:
160.643UK	Standard Smoke Fluid	1 Litre	Yellow	Quick	Light	Low	All Fog Machines up to 900W
160.582UK	Standard Simoke Fluid	5 Litre	Tellow	Quick			
160.587UK	High Grade Smoke Fluid	1 Litre	0,,,,,,,,	Slow	Medium	Good	
160.588UK	riigii Giade Siiloke Fluid	5 Litre	Orange				
160.644UK	High Quality Smoke Fluid	1 Litre	Pink	Clour	Lligh	Cood	
160.583UK	riigii Quality Silloke Fluid	5 Litre	PIIIK	Slow	High	Good	All Fog Machines over 900W
160.589UK	Premium Smoke Fluid	5 Litre	Clear	Slow	Very High	Very Good	
160.670UK	Smoke Machine Cleaning Fluid	250ml	Clear	Longer life for your smoke machine		nachine	All Fog Machines
160.591UK	High Quality Haze Fluid	5 Litre	Clear	Slow	High	Good	All Haze Machines
160.592UK	Low Level Fog Fluid 1 Litre 5 Litre Purple	Dumala	01	1.151-	\/am/ ====	160 447116 07571 5000	
160.593UK		5 Litre	Pulpie	Slow	High	Very good	160.447UK - QTFX-LF900
160.595UK	Vapour Blast Effect Fluid	5 Litre	Clear	Fast	High	Low	All Fog Machines
160.596UK	Haze Eco Fluid	5 Litre	Clear	Medium	Medium	Good	All Haze Machines

A range of different fragrances to be mixed with smoke/fog/haze fluid creating a pleasant aroma when the fog is released in to the air.

Stock Code	Description
160.650UK	Coconut 20ml
160.651UK	Mint 20ml
160.652UK	Vanilla 20ml
160.653UK	Tropical 20ml
160.654UK	Strawberry 20ml



- 1 bottle dilutes in to 5 litres of smoke/fog/haze fluid
- · Contents: 20ml





10W LED RGBW SPOTLIGHT

A compact single LED spotlight, ideal for performances and venues or to use with a mirror ball.

Supplied with an easy to use remote control which enables you to switch between RGBW solid colours or various colour change options. Fitted with a bright 10W LED the lightweight plastic housing generates virtually no heat and comes fitted with a 0.8m power lead.

· Compact, lightweight housing which generates virtually no heat





Stock Co	de	Description
151.675	UK	10W LED RGBW Spotlight



Power
Power consumption
LED: spot
Effective distance
Beam angle: spot5°
Modes Solid colour (RGBW) and auto gradual/jump/breathe effects
Lead length
Remote: battery
Dimensions
Weight

@qtx

MIRROR BALLS

These glass mirror balls can be used with white or coloured pin spots to create a multitude of different beams reflecting from the ball.

Ideal lighting option for bars, nightclubs, theatres and more, to create a traditional party atmosphere.

- · Best used with a mirror ball motor and spot light to produce a glittering display of light
- · Available in a range of diameters from 10cm to 30cm



Stock Code	Description
151.581UK	Glass Mirror ball - 4"/10cmØ
151.582UK	Glass Mirror ball - 6"/15cmØ
151.583UK	Glass Mirror ball - 8"/20cmØ
151.585UK	Glass Mirror ball - 12"/30cmØ

@qtx

PROFESSIONAL MIRROR BALLS

A range of high quality professional mirror balls with 7mm polished tiles to create the best effects when hung at great heights.

Always an essential fixture in any dance venue to help create a shimmering light extravaganza, these mirror balls can be used creatively to fit into any installation.

- Expanded polyethylene inner ball
- Double hanging points for safety



Stock Code	Description
151.412UK	Professional 7mm x 7mm tiles - 30cmØ
151.413UK	Professional 7mm x 7mm tiles - 40cmØ
151.414UK	Professional 7mm x 7mm tiles - 50cmØ
151.415UK	Professional 10mm x 10mm tiles - 80cmØ
151.416UK	Professional 10mm x 10mm tiles - 100cmØ

BATTERY POWERED MIRROR BALL MOTOR

Motor for mirror balls up to 2kg in weight. Ideal for venues without

wall socket outlets. Battery: 1.5V (1 x D)

- Battery: 1.5V (1 x D) not supplied.
- Ideal for venues without wall socket outlets
- Motor housed in round plastic case
- For revolving mirror balls up to 2kg
- · On/Off switch fitted



Battery	.5V (1 x D) not supplied
Max. weight load	
Rotation per minute	
Dimensions	180 x 50mmØ
Weight	130g

Stock Code

Description

153.106UK

Battery powered, plastic case

@qtx

BATTERY OPERATED LED MIRROR

BALL MOTOR

Low noise motor for mirror balls up to 3kg.

Features 18 focused LEDs to create an amazing pin spot effect.



- Creates a pin spot type effect from the top of the mirror ball
- Static or slow colour changing operation
- 18 focused LEDs (R:6, G:6, B:6)

Stock Code

153.107UK

LED mirror ball motor

@qtx

MIRROR BALL MOTOR



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Low noise motor for mirror balls up to 3kg.

• Durable plastic housing

• 15cm chain and fixing screws supplied



Power supply 230Vac, 50Hz
Cable 0.6m
Max. weight load 3kg
Rotation per minute 1.5
Dimensions 55 x 113mm@
Weight400g
Power consumption 4 watts

Mirror ball motor





HEAVY DUTY MOTOR

For mirror balls up to 5kg 50cm.





Power supply230Vac, 50Hz
Power consumption3W
Cable
Max. weight load
Rotation per minute
Dimensions
Weight 475a

Stock Code Description
153.198UK Heavy duty mirror ball motor

@ qtx

SUPER HEAVY DUTY MOTOR

This mirror ball motor is designed to be used with our range of large professional mirror balls.

- For mirror balls up to 50kg
- Adjustable position of the inside motor to control the belt tightness
- · Strong metal case
- Fitted with an IEC socket (cable sold separately)





153.199UK Super heavy duty mirror ball motor



TINYMOVER: @qtx 2-IN-1 40W LED MINI MOVING HEAD

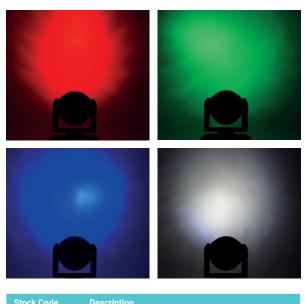
Perfect for smaller venues, this compact yet bright 2-in-1 mini moving head features RGBW PAR lights and ball effect.

Easily operated using internal auto or sound to light programs, or by 14/18 channel DMX connection for more precise control, the QTX TinyMover can be free standing or mounted to trussing using the supplied brackets and provides bright and colourful coverage.

- · RGBW PARs and ball effect provide amazing, room filling effects
- Compact, portable unit, ideal for smaller venues or home parties

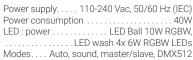


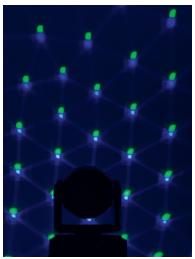




2-in-1 40W LED Moving Head







DMX channels14 or 18
PAN range
Tilt range
Dimensions
Weight1.25kg

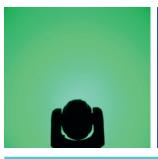
150.462UK

DAZZLER: 80W LED RGBWA MOVING HEAD

Dazzle your venue with bright and colourful washes using this compact moving head unit comprising a powerful 80W 5-colour COB LED.

Easily operated using internal auto or sound to light programs, or by 11/14 channel DMX connection for more precise control, the unit can be free standing or mounted to trussing using the supplied brackets and is ideal for small stages, bars, nightclubs and mobile DJs.

- Forward 180° auto and sound to light modes avoid the light shining back into DJs eyes
- 80W RGBWA COB LED provides bright and colourful room filling washes





Stock Code	Description
150.466UK	80W LED RGBWA Moving Head





Power supply 110-2	240 Vac. 50/60 Hz (IEC)
Power consumption	, , ,
Fuse rating	
LED: power	
Modes Auto, sound,	master/slave, DMX512
DMX channels	11 or 14CH

PAN range 540°
Tilt range
Beam angle
Dimensions
Weight

@qtx

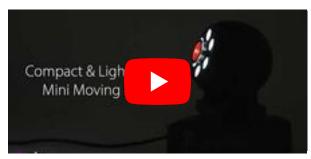
GOBO SPOTWASH: 100W LED MOVING HEAD WITH GOBOS

A small and lightweight moving head that combines 1x 30W white LED with 6x 8W RGBW LED's for the very best in effects and colour mixing.

Featuring colourful washes, spots and GOBOs and auto or sound-to-light modes, this 14 channel DMX light effect can be free standing or mounted to trussing using the supplied brackets.

Ideal for small stages, bars, nightclubs and mobile DJs the QTX MHS-100G provides dazzling performance in a compact, portable unit.

- RGBW spot, wash, 7x GOBOs and strobe effect in one compact unit
- · Controlled pan and tilt



Stock Code Description

150.457UK Spot Wash LED Moving Head



DANI rango

Power supply 110-240 Vac, 50/60 Hz (IEC)
Power consumption 100W
Fuse rating
LED: power 1x 30W White, 6x 8W RGBW
Modes Auto, sound, master/slave, DMX512
DMX channels 14CH

ran range
Tilt range
Effects
RGBW spot, wash, 7x GOBOs, strobe effect
Dimensions 150 x 160 x 240mm
Weight



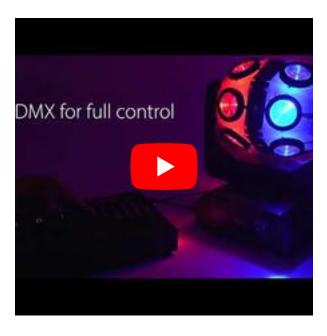
540°

ORBITAL: 150W LED U/V MOVING HEAD

A dazzling moving head comprising 12 powerful 10W RGBW LEDs and 6 U/V LEDs which combine with 360° tilt movement to provide room filling effects from any position.

The unit can be operated on auto, sound-to-light or DMX modes and can be free standing or mounted to trussing using the supplied fixing bracket, and is ideal as a centrepiece light in bars, nightclubs and functions.

- 12 bright RGBW LEDs combine with 6 U/Vs to provide a dazzling lightshow
- 360° head tilt movement provides room filling effects from any location
- Auto, DMX, sound-to-light and master/slave controls
- 6 or 11 channel DMX control





Power supply. Power consumption Fuse rating. LED: power	
Weight	

Stock Code	Description
150.465UK	LED Orbital U/V Moving Head







For the most up to date prices, visit us online at

www.avsl.com



@ qtx

CRYSTALIZER: MINI ANIMATION LASER

A compact, metal animation laser that produces a crystal clear array of 51 colourful patterns and animations.

5 control modes including auto, sound to light and DMX512 make this versatile, robust unit perfect for any function or event.

- 16 channel DMX512 compatible
- Compact, robust housing for safe and easy transportation



Stock Code	Description
152.747UK	Crystalizer: 1W RGB 3D Animation Laser



Power supply 100-250Vac, 50/60Hz (IEC)
Fuse ratingF2A
Power consumption 22W max
Laser power1000mW
Laser class3B
DMX channels

@ qtx

MESMERIZER: 3D ANIMATION LASER WITH LED PAR LIGHTS

With a stunning set of 440 dynamic and static patterns available including jaw-dropping 3D laser animations, colourful RGBW patterns and wall washes, the Mesmerizer is sure to pack a punch at any party, show or event.

4 control modes including auto, sound to light and DMX512 make this compact and lightweight unit perfect for any occasion large or small.

- 7/21 channel DMX512 compatible
- 6 additional 3W RGBW LEDs provide traditional PAR effect



Stock Code	Description
152.745UK	3D Animation Laser with LED Par Lights



Power supply 100-250Vac, 50/60Hz (IEC)
Fuse ratingF2A
Power consumption 40W max
Laser power1500mW
Laser class3B
DMX channels7/21CH

LED: power 6x 3W RGBW
Modes Auto/Sound/DMX512/Master-Slave
Connections
IEC power, DMX in/out (XLR), Laser key
Dimensions 210 x 217 x 235mm
Weight



HPWASH100: 100W HIGH **POWER STAGE BLINDER**

The HPWASH100 is a powerful 100W white LED stage-blinder for fully controllable light wash to stage or audience.

Linear dimming control via DMX or internal programs can provide a smooth or immediate transition from blackout to full brightness.

Housed in an all-metal casing with fan cooling for durability and reliable operation.

- 2x 50W high output COB LEDs
- · Full linear dimming
- 6-Channel DMX control







Power supply	ý 5 6 1.
Dimensions	٦
Weight1.52kç	J



HPWASH200: 200W HIGH POWER STAGE BLINDER

The HPWASH200 is a powerful 200W white LED stage-blinder for fully controllable light wash to stage or audience.

Linear dimming control via DMX or internal programs can provide a smooth or immediate transition from blackout to full brightness.

Housed in an all-metal casing with fan cooling for durability and reliable operation.

- 4x 50W high output COB LEDs
- · Full linear dimming
- · 8-Channel DMX control



Power supply110-240Vac, 50/60Hz (IEC)
Power consumption
Fuse ratingF3AL 250Vac
Light source
DMX channels8
Beam angle
Housing Full Metal, powder painted.
Dimensions
Weight3.1kg





@ qtx

SPECTRAWASH: 240W LED COLOUR BLINDER AND STROBE







The SpectraWash is a powerful 240W Multicolour LED stage-blinder that can produce a vast array of moving effects, strobes and washes.

Easy to setup and use via a wide range of integrated automatic and sound to light programs, or for more precise control there are 4 DMX modes to choose from.

Fitted with twist and lock power connections for a more professional feel and housed in an all-metal casing with fan cooling for durability and reliable operation.

- Automatic and sound modes that can be tailored to your requirements using additional speed and strobe settings
- 4, 11, 32 or 49 channel DMX modes
- Supplied with mounting bracket and thumbscrews









113	110-240Vac, 50/60Hz (IEC)
	F2A
LED: type	864pcs RGB SMD5050 LED, 96pcs White SMD5050
	king, Electronic dimming 0-100%, Strobe 1-30Hz 30 bits
	DMX, Master/Slave, Auto, Sound, RDM
	Power in/out (twist and lock), DMX in/out (3pin XLR)
	4, 11, 32 or 39CH
	460 x 240 x 75mm
Weight	3.6kg

Stock Code	Description
154.055UK	960pcs LED Blinder and Strobe



PAR12 RGBW DMX PAR LIGHT 3 x 4W LED



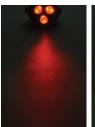


Mini LED PAR light in a lightweight moulded housing with 3 x 4W quad colour LEDs.

Compatible with DMX512 or controllable via internal programs, which can be accessed from the included IR remote control.

As a standalone can or as part of a large DMX installation, the PAR12 gives a powerful light output with excellent coverage.

• RGBW quad colour LEDs • Hard-wired UK mains lead









Stock Code	Description
154.033UK	PAR12 RGBW DMX PAR Light 3 x 4W LED





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BATPAR SERIES RECHARGEABLE MINI LED PAR LIGHT

Small yet powerful mini LED PAR light ideal for parties and events at home or in smaller venues.

A simple switch on the back of the unit provides the choice of various automatic colour changing modes or a sound to light function.

The included remote control offers an even wider variety of features making this little PAR light perfect for both home and professional use.

- In-built rechargeable battery allowing use for long durations without requiring a power source
- · Available in black and white







BATPAR-18 BATPAR-18W

Stock Code	Description	
154.045UK	BATPAR-18 Rechargeable Mini LED PAR Light Black	
154.046UK	BATPAR-18W Rechargeable Mini LED PAR Light White	



Power	5V 3.6A (lithium rechargeable)
Power consumption	18W
LED: power	12x 1.5W RGE
Battery life	Up to 6 hours (approx)
Modes	Auto, sound activated
Dimensions	115 x 115 x 50mm
Weight	
Remote: battery	

LIGHTING | PAR CANS

@qtx

PAR-100W: HIGH POWER WHITE LED PLASTIC PAR CAN

A lightweight and compact LED PAR Can fitted with 18 bright 1W cool white LEDs.

This unit can be controlled by auto, sound-to-light, master/slave programs or via DMX and provides a great value solution for white background wash and spot illumination.

- Link to more units and control by 7 channel DMX
- Supplied with handheld IR remote control and dual mounting bracket for hanging or free-standing
- Powered by 18 cool white 1W LEDs





Stock Code	Description
154.029UK	High Power White LED Plastic PAR Can



Power	100 - 240Vac, 50/60Hz (IEC)
Power consumption	30W
Fuse rating	1.0A
LED: quantity	18 x 1W (cool white)
DMX channels	
Beam angle	25°
Projection distance	
Dimensions	
Weight	1.14kg

@qtx

PAR-100: HIGH POWER 3-IN-1 LED PLASTIC PAR CAN

A lightweight and compact LED PAR Can fitted with 18 3-in-1 RGB LEDs.

This unit can be controlled by auto, sound-to-light, master/slave programs or via DMX and provides a great value solution for background wash illumination.

- Automatic colour jump, colour scroll and colour strobe
- Sound-to-light function
- Powered by 18 3-in-1 RGB LEDs





Stock Code	Description
154.030UK	High power PAR100 3-in-1 LED PAR Can



100 - 240Vac, 50/60Hz
35W
T1.0A
1700lux @ 2m
10m
200 x 200 x 78mm
1.17kg
BSEN62471:2008



TRI-PAR: RECHARGEABLE TRIPLE PAR UPLIGHTER

Compact yet powerful, the QTX Tri-PAR is perfect for illuminating any occasion. Three super bright 4W LEDs provide colourful mixes and washes for walls and ceilings, and is simple to operate using the onboard control panel, supplied IR remote control or through a DMX if preferred.

Includes pre-programmed auto shows and sound to light mode, and is powered by an internal, rechargeable battery meaning it is completely portable and can be placed in any indoor location without requiring a power source.

- · Compact, metal housing ideally shaped for use with triangular trussing
- Wide range of modes and pre-sets
- In-built rechargeable battery providing up to 6 hours of continuous use

Stock Code 154.047UK Rechargeable Triple PAR Uplighter

















PAR-54: EXTRA FLAT 4-IN-1 LED PLASTIC PAR CAN

A lightweight and compact LED PAR Can fitted with 9x 6W 4-in-1 RGBW LEDs.

This unit can be controlled by auto, sound-to-light, master/slave programs or via 8 channel DMX.

A versatile and value solution for background wash illumination requirements.

- · Automatic colour jump, colour fade and colour pulse modes
- · Supplied with handheld IR remote control
- · Colour jump and colour pulse sound-to-light modes





154.035UK PAR54 High Power Extra Flat 4-in-1 LED Plastic PAR Can



......100 - 240Vac, 50/60Hz (IEC) DMX channels.....8
 Remote : battery
 CR2025

 Dimensions
 205 x 205 x 80mm
 LIGHTING | PAR CANS

@qtx

PAR-180: HIGH POWER RGB PAR LIGHT WITH IR REMOTE

A lightweight, high output LED PAR Can fitted with 6 multi-colour COB LEDs.

This unit can be controlled by internal auto or sound-activated programs, via DMX or by the supplied IR handheld remote. Improved menu functions and DMX channel allocations provide optimum flexibility during setup.

A great value solution for background wash illumination.

- · Internal auto, sound-activated and static programs
- Global master dimmer function for all internal programs
- Supplied with dual mounting bracket for hanging or free-standing





Stock Code	Description
154.038UK	PAR180 High Power RGB + IR remote control



Power supply Power consumption	
Fuse rating	
Illuminance	
Beam angle	60°
Projection distance	
Dimensions	
Weight	1.5kg
LED: safety standard	BSEN62471:2008



154.042UK

PAR-186 HIGH POWER RGBWA PAR CAN WITH U/V

A lightweight, high output LED PAR Can fitted with 12pcs of 15W super bright 6-in-1 COB LEDs.

This light can be controlled manually via the controls on the back of the unit, by the internal automatic or sound-activated programs or with a DMX controller if more precise control is preferred.

Ideal solution for parties and events where background colour wash or $\mbox{U/V}$ illumination is required.

• Supplied with dual mounting bracket for hanging or free-standing



PAR-186 High Power RGBWA PAR Light with U/V



Power supply	90-240Vac, 50/60Hz (IEC)
Power consumption	
Fuse rating	F3A
LED: power	12x 15W RGBWA-UV
DMX channels	6/10CH
Beam angle	25°
Dimensions	235 x 235 x 95mm
Weight	1.25kg





HIPAR-100: 100W WEATHERPROOF RGBWA PAR CAN

High power 5-in-1 colour mixing LED PAR Can built into an IP65 weatherproof housing for outdoor or indoor applications.

Pre-wired with waterproof power and DMX signal leads for easy connection and daisy-chaining.

- · Split bracket for stand mounting or free-standing operation
- · Smooth linear colour mixing











Power supply110-240Vac, 50/60Hz
Power consumption max100W
LED: quantity7
LED: type
DMX channels 5 or 9CH
Beam angle
IP ratingIP65
Modes Auto, sound-activated, master/slave, DMX512
Connections Power in, power out, DMX in, DMX out
Dimensions
Weight

Stock Code 154.323UK HIPAR-100 IP65 PAR Light RGBWA



HIPAR-126: 120W HIPAR WEATHERPROOF RGBWA PAR CAN WITH U/V

High power LED PAR Can fitted with 9pcs of 10W super bright 6-in-1 COB LEDs built into an IP65 weatherproof housing for outdoor or indoor applications.

Pre-wired with waterproof power and DMX signal leads for easy connection and daisy-chaining.

- Supplied with dual mounting bracket for hanging or free-standing
- 6 or 10 channel DMX512 compatible

Power consum LED: quantity. DMX channels. Beam angle IP rating Modes Connections Dimensions	100-240Vac, 50/60Hz ption
Stock Code	Description
154.325UK	HIPAR-126 IP65 RGBWA PAR Light with U/V





EXTENSION LEADS FOR HIPAR



3 metre long power and DMX extension leads for HIPAR weatherproof PAR Cans.

Allowing longer connections to help stretch to required lengths.

Stock Code Description		
154.423UK HIPAR IP65 3M DMX Extension Lead 154.424UK HIPAR IP65 3M Power Extension Lead		





LIGHTING | LED EFFECTS

@qtx

TETRA: LED MOONFLOWER & RIPPLE & STROBE/UV & LASER EFFECT

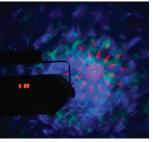
The Tetra is a 4-in-1 DMX light effect built into a single compact housing.

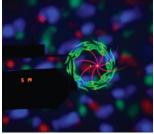
A moonflower effect produces a wide pattern of colour from six 3W LEDs, countered with an RGBW aqua ripple effect.

All 4 effects are operated by internal auto and sound-activated programs or DMX512 control.

An impressive combination of effects to add to any lighting rig without the need to add any large fixtures.

- · Supplied with mounting bracket
- Please note: The laser class of this product is 3B.





Stock Code	Description
151.608UK	Tetra LED Moonflower & Wave & Strobe/UV & Laser Effect



Power supply	łz (IEC)
Power consumption	30W
Fuse rating	2A
LED: power 6 x 3W moonflower, 4W RGBW ripple, 4 x 2W UV,	'Strobe
Laser power	1 + red)
Laser colour	50nm)
Laser class.	3B
DMX connectionXLRM in, XL	RF out
DMX channels	11
Dimensions	10mm
Weight	1.45kg

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PENTAFLASH: 5-IN-1 LED & LASER EFFECT

A compact and lightweight 5-in-1 light effect, combining a 12W RGBW Effect ball, 4x White Strobe/UV LEDs, 4x 6W RGBW PARs and dual colour laser in one convenient fixture.

Easy to setup and use via an array of integrated automatic programs or sound to light.

More precise control is provided via either 18-channel DMX connection or the included IR remote control.

- 5 impressive light effects in one compact fixture
- Supplied with mounting bracket and IR remote control



Stock Code Description

151.743UK Pentaflash: 5-in-1 LED & Laser Effect



Power supply	110-240 Vac, 50/60 Hz
Power consumption	60W
Fuse rating	
Light source Strobe/UV: 4x UV/White LE	ED, Effect Ball: 1x 12W RGBW,
LED PAR: 4x 6W RGBW, Dual Colour Laser: 1	50mW Red and 50mW Green
DMX channels	18CH
Remote: battery	
Dimensions	190 x 190 x 115mm
Weight	850g



DERBY9 LED LIGHT EFFECT @qtx

A classic multi-colour derby effect with multiple beams twisting in formation.

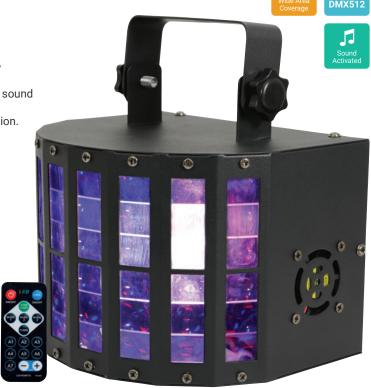
Nine different coloured 3 Watt LEDs deliver vivid coloured patterns, split through precision optics for wide area coverage.

Control via DMX512 or infrared remote control for auto program or sound activation. The Derby9 offers versatile operation modes for mobile discos, stage shows, and can form part of a larger lighting installation.

- Internal auto and sound activated programs
- · Supplied with IR remote control



Power supply	
Fuse	
LED: quantity	9 x 3W
LED: colourRed, green, blue, amber	, yellow, purple, WW, CW, UV
DMX connection	3-pin XLR in & out
DMX channels	
Dimensions	200 x 162 x 140mm
Weight	1.1kg



Stock Code	Description
151.605UK	LED Derby9 Light Effect

@qtx

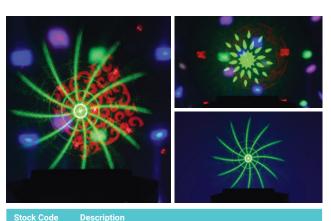
SURGE: 4-IN-1 LED & LASER EFFECT

Compact lighting fixture with 4 different dynamic and colourful effects.

The main derby effect is powered by 9 different colour LEDs delivering twisting beams across a wide area.

Each side of the main derby window are 3 dual colour LEDs for ultraviolet washes or cool white strobe effects. Below the derby window are red and green laser apertures, which produce sharp geometric patterns directly to the front of the fixture.

A space-saving and efficient solution for mobile and installed lighting setups.



SURGE LED Derby + Laser + UV + Strobe



Power supply	110-240Vac, 50/60Hz
Fuse	F3AL
Power consumption	
LED: spot	
LED: wash	6 x UV/white
Laser power	
Modes	
DMX channels	9
Dimensions	200 x 200 x 160mm
Weight	

151.597UK











LED beam and effects bar with 24 high output COB tri-colour LEDs to provide colour washes and moving patterns against walls, ceilings or even across floors.

8 groups of 3 LEDs can be controlled by auto or sound activated modes from preset internal colour sequences.

Alternatively in manual mode, the bar can be set to static colour or operated remotely by DMX in various channel modes.

- · 8 independent segments for pattern chases
- 5, 8, 14, 26 or 50 channel DMX modes

Stock Code	Description
151.592UK	C-BAR 24x3W RGB DMX LED Bar



Power supply 110-240Vac, 50/60Hz (IEC)
Power consumption80W
LED: type
LED: quantity24
Modes DMX, auto, sound-activated, master/slave
Sections 8 (3 LEDs per section)

DMX channels 5, 8, 14, 26 or 50
Effects Strobe, pulse, gradual fade, cycle
sequence, sound activated, static colou
Dimensions
Weight1.8kg

@qtx

WASH AND BEAM: 24 X 3W LED WALL BAR









Effects bar with 12 high output RGB wash and 12 amber beam LEDs that provide amazing colour washes and patterns against walls, ceilings or even floors.

The alternating RGB and amber LEDs can be controlled by auto or sound activated modes from preset internal colour sequences.

Supplied with professional twist and lock power connections and tilt-adjustable brackets for mounting to walls or ceilings.

- 3 sound to light modes with additional microphone sensitivity adjustment
- 4, 6, 11, 48 or 54 channel DMX modes

Stock Code	Description
151.598UK	Wash and Beam: 24 x 3W LED Wall Bar

Power supply	Z
Power consumption80\	Ν
LED: type 12x 3W RGB 3-in-1, 12x 3W CW CRE	Ε
Beam angle Beam 3°, Wash 35	ō°
Modes Auto, DMX512, Sound, Master/Slav	e

DMX channels 4, 6, 11, 48 or 54CH
ConnectionsPower in/out (twist and lock),
DMX in/out (3pin XLR)
Dimensions 1000 x 65 x 55mm
Weight2.4kg

@qtx

FLOOR STAND FOR LED WALL BARS

A lightweight and convenient floor stand that allows many types of LED wall bars to be used in the upright position.

Supplied with a thumbscrew and washer for quick and easy fitting.

Stock Code	Description
151.595UK	Floor Stand for LED Wall Bars





@qtx

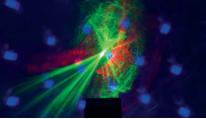
TETRACUBE: RECHARGEABLE 4-IN-1 PORTABLE EFFECT LIGHT

Compact and portable, the QTX TetraCube portable effect light, offers 4 eye-popping features in one compact package.

Easy operation using the remote control or auto/sound to light modes, and the added convenience of an internal rechargeable battery which offers up to 6 hours of wire free light shows without the need of additional power.

Filling smaller rooms with RGB washes, strobes, magic ball effects or 2 colour laser waves the QTX TetraCube provides bright and colourful coverage ideal for house parties or in smaller venues.





Power supply.....4.2V 4000mAh Lithium Battery Power consumption. Light source. 2pcs white LED strobe, 2pcs RGB LED, RGB LED ball effect, red/green laser

Madaa Auta s	sound to light, remote control
Remote: battery	
Dimensions	
Weight	



Stock Code	Description
151.737UK	Rechargeable 4-in-1 Portable Effect Light

@qtx

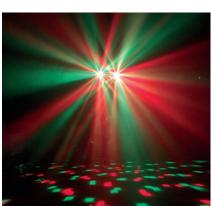
PAR-T BAR: LED PARTY BAR AND STAND KIT

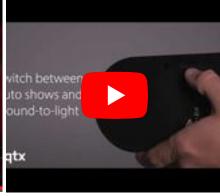
Perfect for home parties and smaller venues the QTX PAR-T Bar and stand kit comes in one convenient package.

A simple switch on the back of the unit provides the choice of various automatic colour changing modes or a sound to light function.

The included remote control offers an even wider variety of features making the PAR-T Bar perfect for both home or professional use.

• 14x 1W RGB LEDs and 2x RGB Magic balls provide an array of bright, colourful patterns and effects





Power supply	AC110-240Vac, 50/60Hz
Power consumption	60W
LED: power	
14x 1W RGB LED & 2x 3	8x3W RGB LED Magic Ball
Modes	Auto, sound

Remote: battery	. CR2025 (supplied)
Height adjustment	710 to 1680mm
Dimensions: PAR bar	385 x 95 x 90mm
Lead length	2m
Weight	1.6ka

151.735UK PAR-T Bar: LED Party Bar and Stand Kit



© qtx LED PAR BAR SYSTEM

Our lightweight, versatile PAR Bar system is perfect for mobile DJs and performers who need their lighting to be quick to set up and easily transportable.

4 PAR Cans are each loaded with 12 LEDs in red, green, blue and white for super smooth colour blending.

- Quick and simple fold away design allows for easy transportation
- Can be controlled from the rear panel, handheld remote or DMX
- Master/slave mode

- Various pre-programmed auto modes including sound-to-light & strobe
- Built-in static or automated programs
- Includes PAR Bar, tripod stand, remote controller and transport bags





Power supply	
Power consumption	
LED: qty per can	
Beam angle	
DMX channels	
DMX connection	XLRM in, XLRF out
Height adjustment	0.9m to 1.8m
Dimensions: PAR bar	
Weight	5.5kg
LED : safety standard	BSEN62471:2008

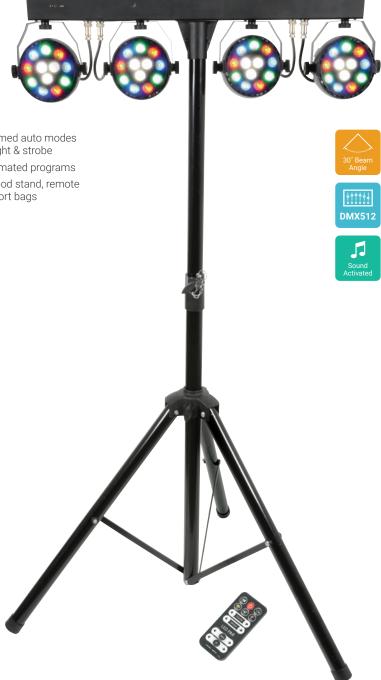
Stock Code	Description
151.556UK	PB-1214 LED PAR Bar System













⊚ qtx

LED DERBY FX BAR WITH STAND

Portable lighting set with 2 PAR Cans and 2 LED Derby effects powered from a main T-bar.

Controlled via DMX, infrared remote control or internal auto and sound-activated programs selectable from a control panel.

Each lighting fixture is angle-adjustable to distribute colour washes and effects around the room. Designed as a complete light effects solution for parties, performers and special events.

- 2 RGBW PAR lights + 2 LED derby effects
- Single IEC mains power input
- DMX512 compatible
- ${\boldsymbol{\cdot}}$ Supplied with telescopic tripod stand
- Supplied with IR remote handset





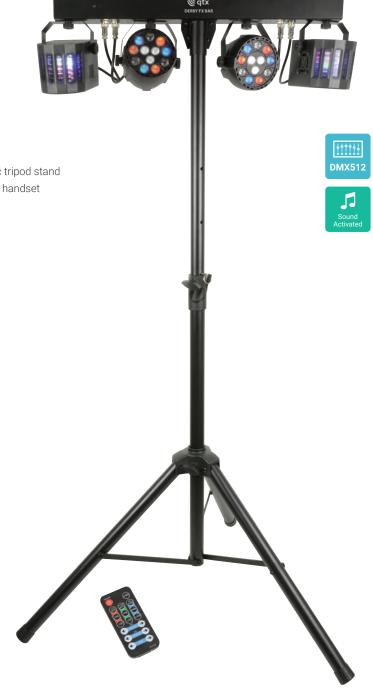
Power supply	
Fuse rating	
Power consumption	60W
Effects	2 x PAR + 2 x LED Derby
DMX connection	XLRM in, XLRF out
Height adjustment	0.9m to 1.8m
Dimensions: stand	. 890 x 130 x 130mm (collapsed)
Weight: stand	2.36kg
Dimensions: effects bar	
Weight: effects bar	
LED: safety standard	BSEN62471:2008

Stock Code	Description
151.548UK	LED Derby FX Bar - 2 PAR + 2 Derby









LIGHTING | LED PAR BARS



RECHARGE PERFORMER: LED PAR BAR WITH TRIPOD

Ideal for performers, this complete portable lighting set comprising 4 RGBW PAR lights is powered from a rechargeable T-bar with an internal lithium battery that provides up to 6 hours use without the need for additional power.

Easily controlled via DMX, infrared remote control or internal auto and sound-activated programs selectable from the rear control panel.

Each lighting fixture is angle-adjustable to distribute colour washes around the room.

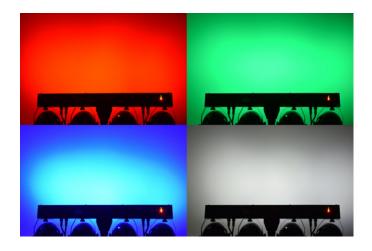
Supplied with 2.3m telescopic tripod stand and carry bags making it ideal for transporting to venues and events where power isn't readily available.

- T-bar comprising of 4x RGBW PAR lights
- 3m IEC lead and carry bag
- 8CH DMX compatible
- Supplied with 2.3m telescopic tripod stand









Power supply
Battery life
Fuse rating
Effects4x RGBW LED PAR
DMX channels
Dimensions: stand
Height adjustment
Weight: stand
Dimensions : effects bar
Weight: effects bar

Stock Code	Description
151.546UK	Rechargeable LED PAR Bar with Tripod



⊚ qtx

RECHARGE DJ: LED DERBY & PAR BAR WITH TRIPOD

Ideal for DJs this complete portable lighting set comprising 2 PAR lights and 2 Derby's is powered from a rechargeable T-bar with an internal lithium battery that provides up to 6 hours use without the need for additional power.

Easily controlled via DMX, infrared remote control or internal auto and sound-activated programs selectable from the rear control panel.

Each lighting fixture is angle-adjustable to distribute colour washes and effects around the room.

Supplied with 2.3m telescopic tripod stand and carry bags making it ideal for transporting to venues and events where power isn't readily available.

- 2 RGBW PAR lights + 2 LED derby effects
- 3, 6 or 15CH DMX compatible
- 2.3m telescopic tripod stand
- · Single 3m IEC lead





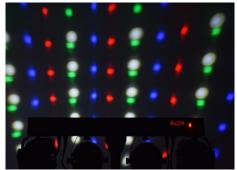
Power supply	
Battery	12V 7200maH lithium rechargeable battery
Battery life	Up to 6 hours
Fuse rating	F3A
Effects	2x RGBW LED PAR, 2x LED Derby
	Auto, sound, master/slave, DMX512
DMX channels	
Dimensions: stand	
Height adjustment	1.8 to 2.3m
Weight: stand	1.3kg
Dimensions: effects bar	740 x 210 x 150mm
Weight: effects bar	3.7kg

Stock Code Description

151.547UK Rechargeable LED Derby PAR Bar with Tripod









@qtx

MULTI-BAR: LED MULTI-EFFECTS BAR WITH TRIPOD

Complete portable lighting solution comprising 2 PAR Cans, Ball effect, laser and UV/Strobe units all powered from a main T-bar. Easily controlled via DMX, infrared remote control or internal auto and sound-activated programs selectable from the rear control panel. Each lighting fixture is angle-adjustable to distribute colour washes and effects around the room.

Supplied with 2.3m telescopic tripod stand and carry bags making it ideal for transporting to parties and events.

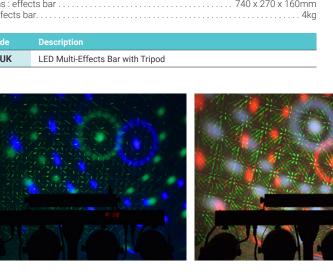
- 2.3m telescopic tripod stand
- 3/12CH DMX compatible
- Single IEC mains power input for all 5 effects





Power supply
Effects2x RGBW LED PAR, 1x RGBW LED Ball, 1x RG Laser, 1x LED UV Strobe
Modes
Dimensions : stand .900 x 130 x 130mm (collapsed) Height adjustment 1.8 to 2.3m
Weight : stand
Dimensions : effects bar 740 x 270 x 160mm Weight : effects bar 4kg

151.545UK













⊚qtx

STEREO TWIN PAR BAR

A unique dual PAR Bar set, perfect for mobile DJs and performers who need their stage lighting to be quick and simple to set-up.

Arriving with carry bags and stand bags to easily transport, this set boasts a total of 4 high power PAR Cans across 2 lighting stands, connected via DMX cables.

Many combinations can be achieved using the included foot controller.

A rear panel also helps to set the unit to the desired mode in addition to the various pre-programmed modes.

• Mobile setup with Tripod stand and carry bags

• Built in microphone for music synchronisation

• Onboard full colour mixing + strobe functions

• DMX512 - 6, 9, 10 and 13 Channels





Power supply	
DMX channels DMX512	
Power consumption	200W
LED: qty per can	5 x 10W RGBW 4in1 LED
Strobe speed	1-25 Hz
LED: lifespan	50,000 hours
Beam angle	
Lumens	
IP rating	IP 20
Height adjustment	
Dimensions	
	Stand: 140x110x1025mm,
	Carry Bag: 660x300x220mm
Weight	

Stock Code	Description
151.554UK	Stereo Twin PAR Bar



24 CHANNEL MINI DMX CONTROLLER

24
Channels

Easy to set up and operate this 24 channel mini DMX controller is ideal for less experienced users or smaller functions and events.

2 bright and clear LED displays show both the channel number and value at the same time making the accurate control of fixtures a breeze.

6 channel sliders combine with a 4-way page selector and LED panel for simple range selection and a blackout button is also included for fast shut off of fixtures when required.



- · Ideal for less experienced users or smaller events
- · 6 channel sliders and 4-way page selector
- · Master fader slider and blackout button
- Supplied with UK power supply

Stock Code	Description	
Weight		762g
Dimensions		210 x 100 x 50mm
Power supply		12Vdc, 1000mA
DMX channels		24







154.100UK

192 CHANNEL DMX CONTROLLER

24 Channel Mini DMX Controller

A small yet versatile 192 channel DMX controller with 12 fixtures.

Each fixture controls up to 16 channels per unit. There are 23 programmable bank buttons each holding 8 scenes.

A lightweight and portable controller, ideal for small theatres or stage applications.

- 6 chase banks with music, auto or manually triggered sequences
- Speed slider from 0.1 second to 10 minutes
- Fade slider from 0 to 30 seconds
- Blackout button and integrated microphone



DMX channels
Power supply12Vdc, 1000mA
Dimensions
Weight

Stock Code	Description
154.103UK	192 Channel DMX Controller







192 CHANNEL DMX CONTROLLER WITH JOYSTICK





This 192 channel DMX controller has a joystick which can be programmed to control certain channels.

The unit itself has 12 scanner buttons, each controls up to 16 channels on each fixture, whilst the 30 programmable bank buttons hold 8 scenes each.

This controller is ideal for small theatres or stage applications.



- · High quality LCD display with easy readout
- · Music, auto or manually triggered chase sequences
- · LED gooseneck lamp provided
- · DMX polarity switch at the rear
- File dump allows data to be sent or received between two units

DMX channels
Power supply
Dimensions
Weight

Stock Code Description

154.092UK DM-X12 192 Channel DMX controller with joystick







192 CHANNEL DMX CONTROLLER

This 192 channel DMX controller has 16 fader channels which make it easy to see exactly what you are doing without having to use a page up and page down button.

The unit itself has 12 fixture buttons, each controls up to 16 channels on each fixture, whilst the 30 programmable bank buttons holding 8 scenes each.

This controller is ideal for small theatres or stage applications.



- · High quality LCD display with easy readout
- Music, auto or manually triggered chase sequences
- LED gooseneck lamp provided
- Built-in microphone for audio triggering
- 19" rack mountable with removable plastic protection handles

DMX channels
Power supply9Vdc, 1A
Dimensions
Weight3.0kg

Stock Code	Description
154.093UK	DM-X16 192 Channel DMX controller



512 CHANNEL ADVANCED DMX/RDM CONTROLLER







A powerful 512 channel DMX/RDM controller with 32 fixtures. Each fixture controls up to 32 channels per unit.

There are 32 storable scenes and 32 storable chases, each with up to 100 steps which can be triggered manually, by sound or automatically using the time faders between 0.1 seconds and 10 minutes.

An integrated USB port provides back up of up to 16 banks of DMX settings, scenes and chases on an attached USB storage device.

A hardwearing metal chassis with detachable carry handle makes the unit easy to move from event to event.



- 32 storable chases up to 100 steps, with music, auto or manually triggered sequences
- Separate control wheels for data entry or PAN and Tilt control of moving heads
- 2 Line digital display panel, Blackout button and integrated microphone
- · Supplied with UK power supply







DMX channels	
Power supply	12Vdc, 1000mA
Dimensions	340 x 190 x 38mm (without carry handle)
Weight	1 982ka

Stock Code	Description
154.105UK	512 Channel Advanced DMX Controller



"AVSL have helped make it much easier for our business to quickly obtain prices and stock due to their excellent service and super quick deliveries."

> Stuart Wilkinson -Sound Dynamics Ltd

"We've enjoyed many years of dealing with the AVSL team. Over this time we've built great business and personal relationships and have grown strongly the business we do together. We're pleased to be still able to do this and it's a source of great pride and satisfaction in doing so."

Geoffrey Peats -Peats Wholesale Ltd "Over the 25 years we have been dealing with AVSL, I can't recall of one instance when they have let us down. The website is clear and stock is displayed in real time, descriptions are concise and images are high quality.

"Good value products with great stock availability"

The staff are friendly and go the extra mile to make sure their customers are happy."

Richard Harfield -HW Audio





DMX-D4: 4 WAY DMX **BOOSTER/DISTRIBUTOR**

This 4 way DMX Booster/distributor has one input, loop through and two electrically opto isolated outputs.

Both DMX input and DMX output are provided with 3 pin XLR connectors making it universally compatible with most lighting systems.

This item is ideally used for splitting the signal over a large area rather than running a chain.

The box will isolate individual sub chains, making it quick and easy to protect and fix faults when they occur without the whole system failing.

- DMX Loop out or DMX terminated (supplied)
- 2 x Opto isolated DMX outputs (isolated in pairs, CH1&2, CH3&4)

Power supply	230Vac, 50Hz (IEC)
DMX inputs	
DMX outputs	
Dimensions	. 248 x 165 x 70mm
Weight	1.5kg



Stock Code	Description
154.101UK	DMX-D4 - 4 Way DMX Booster/Distributor



BOOSTER/DISTRIBUTOR

Our 8 way DMX Booster/distributor has one input, loop through and four electrically opto isolated outputs.

Both DMX input and DMX output are provided with 3 pin XLR connectors making it universally compatible with most lighting systems.

This item is ideally used for splitting the signal over a large area or to isolate individual fixtures making it quick and easy to highlight and fix without the whole system failing.

- DMX Loop out or DMX terminated switch
- · 8 x Opto isolated DMX outputs
- · LED data indicators

Power supply 230Vac, 50Hz (IEC)	
DMX inputs1	
DMX outputs	
Dimensions 280 x 180 x 75mm	
Weight 2.3kg	





DP4: 4 CHANNEL DMX DIMMER PACK

The DP4 4 channel DMX dimmer pack has 4 channels each with 2 IEC power outputs per channel.

It has 16 built-in chase programs or can be controlled by 4 channel DMX.

- · LED readout display
- · 4 channel output
- Pulse feature to keep lamp filaments warm for instant On/Off effect
- Not suitable for LED products (recommend 154.111UK, page 161)
- · Master/slave modes
- · Wall mountable

Power supply	230Vac, 50Hz (IEC)
Working temperature5°C	
Dimensions	. 193 x 72 x 260mm
Weight	2.5kg



154.110UK DP4 4 Channel DMX dimmer pack

RP12: 12 CHANNEL DMX RELAY PACK

12 Channel Output



The RP12 is a relay pack with 12 IEC power outputs.

Each output is controlled by an individual relay which turns the power on and off saving energy and preserving the lifespan of your light effects.

This is ideal for use with low voltage LED light effects which, when used with dimmer packs, turn on and off randomly with the pulse voltage sent through the system.

These outputs can be turned on or off using the controls on the digital LED front panel display or by DMX which can be configured so that there are 12, 6, 3, 2 or 1 channel DMX, allowing you to suit the need for your setup.

- 12 individual IEC outputs DMX or manually
- 12, 6, 3, 2 or 1 channel DMX
- Digital LED display on the front panel
- DMX or manually controlled
- nel DMX 19" rack mountable



Power supply
Maximum current input
Maximum current per channel
IEC outputs12
Dimensions
Weight

Stock Code	Description
154.113UK	RP12 12 Channel DMX relay pack





RP4: 4 CHANNEL DMX RELAY PACK

The RP4 4 channel DMX relay pack has 4 DMX channels each with 2 IEC power outputs per channel.

It completely turns the power on and off saving energy and preserving the lifespan of your light effects.

This is ideal for use with low voltage LED light effects which, when used with dimmer packs, turn on and off randomly with the pulse voltage sent through the system.

- 4 DMX channel output
- Power on and off for each channel
- DIP switch DMX addressing
- Wall mountable

Stock Code Description

154.111UK RP4 4 Channel DMX Relay pack





Applications

Adastra products cover environments and applications with a focus on clear and efficient sound coverage.

Public Address Systems

A public address system is a means of sound reinforcement for relating speech and audible information to a group of people. The setup may vary from a single portable amplifier in a small room to an intricate multi-room zoned system with multiple speaker arrays.

Since each public address venue will have its own characteristics, there are many different speaker types and installation methods depending upon the architecture of the building, ambient noise levels and coverage requirements. The key demands from any public speaker are efficient speech delivery and wide area coverage.

Typical venues include: schools/universities, medical centres, market halls, airports, train stations and places of worship.



Background Music Systems

Generally, background music is a term used for pleasant and unobtrusive playback of recorded material.

Many public buildings benefit from background music systems to help create an ambience or mood for their service users. These systems may be tailored to each building and its function in much the same way as with public address systems.

The main difference is that full range audio quality is imperative with background music in order to make it listenable and inoffensive, which is not necessarily a key requirement for basic speech delivery.

Applications include: bars, retail outlets, restaurants, galleries, museums and leisure centres.



Outdoor and weatherproof systems

Some public address and background music components are designed for use in outdoor or damp environments. The materials used and construction methods help to make them weather resistant and able to withstand outdoor conditions.

The main factors to be taken into account when planning outdoor or weatherproof systems are safety and durability of the electrical components to be used within the proposed environment. This includes any of the equipment exposed to the potentially damaging elements including speakers, transformers, cabling and connectors. Mixers and amplifiers are more often sited in an indoor environment.

Typical environments include: patios, auction sites, arenas, theme parks, marinas and swimming pools.



Standard Low Impedance Speakers

Standard loudspeakers comprise of 3 main components: a cone, a magnet and a coil. Passing a current through the coil causes the attached cone to move forward or backward. The coil is fed the electrical signal from an amplifier, which provides enough electricity to move the cone quickly, causing it to vibrate and make sound.

Since the coil is wound from very thin wire, there is a certain amount of resistance to the electricity passed through it.

This, coupled with some other electrical characteristics, is known as impedance.

Impedance is measured in Ohms (Ω). Higher impedance opposes the output of the amplifier more, causing it to deliver less power, whereas lower impedance allows the amplifier to deliver more power.

Impedance visual representation:

The speaker impedes any electrical current flowing through it, in the same way that the neck of an hourglass impedes the sand flow.

The narrow neck controls the flow of sand just as a speaker's impedance controls the flow of current

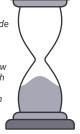


The amplifier needs this impedance to stop itself from over-working and burning itself out, and is an important consideration when matching amplifiers and speakers together in a system.

2 2 narrow necks makes it half as difficult for the sand to pass through, just as 2 parallel speakers have half the impedance as 1, allowing twice as much power to flow through



If the neck is too wide it offers too little control, just as when the speaker impedance is too low and allows too much power to flow from the amp, resulting in eventual failure

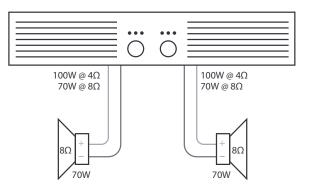


For any given amplifier, the impedance of the speakers attached to it must not be below the rated output impedance of the amplifier and must be rated to handle the power that the amplifier will deliver at that impedance.

For instance, a 2 x 100W amplifier may be rated down to a minimum of 4Ω on each side. However, if an 8Ω speaker is attached to each side, the amplifier may only deliver 2 x 70W. Therefore, 70W would be the minimum handling capacity for these speakers.

(Please refer to the instruction manual of the amplifier being used to find the power output at 4Ω , 8Ω , etc)

Basic low impedance set-up



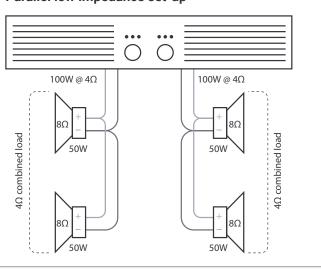
When 2 speakers are connected together in parallel (that is "+" to "+" and "-" to "-"), the electricity from the amplifier can flow through 2 routes instead of one.

Having twice the number of routes to flow through effectively, means that it is half as difficult for the electricity to get around the circuit. Therefore, the impedance (resistance to flow) is halved when 2 of the same type speaker are linked together in parallel.

For 2 speakers with 8Ω impedance, the overall impedance (or combined load) will be 4Ω , allowing the 100W amplifier to deliver its full output across this pair of speakers.

The power will be shared, so each speaker will receive 50W (even though both are capable of handling up to 70W).

Parallel low impedance set-up

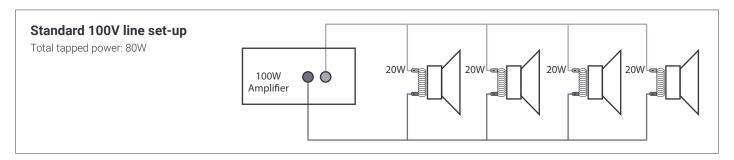




100V Line Speakers

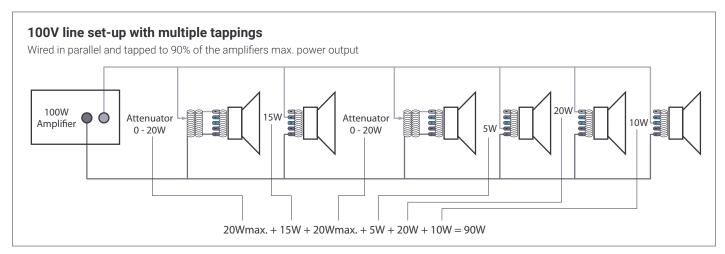
For many applications, it is necessary to drive many speakers with a single amplifier, giving greater coverage to multiple rooms or over a given area. Constant voltage systems (usually 100V line) employ a transformer in the amplifier to convert the output to high impedance and a corresponding transformer in each speaker to tap off the required power from the amplifier.

Theoretically, this allows a large number of speakers to be driven by one amplifier, so long as the overall power being tapped by the speakers is within the amplifier's output capacity (usually 90% of the amplifier's maximum rated output).



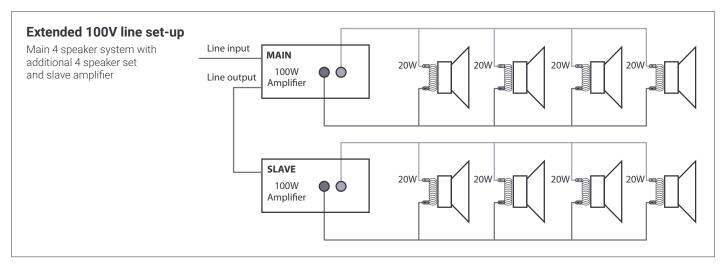
In addition, the transformers in each speaker may have tappings at different points along the primary coil, which effectively draw different Wattages from the amplifier. For example, a 10W speaker may also have settings for 5W or 2.5W.

The speaker output may also be varied using remote volume controls, known as attenuators, but these should be considered to be at their maximum volume output when choosing an amplifier to drive the speakers.



If more speakers are required beyond 90% of the 100V amplifier's maximum output, a slave amplifier may be employed to drive these.

The slave amplifier is simply linked from the line output of the main amplifier, to which another series of speakers are then linked to, in the same way the speaker are from the main amplifier.

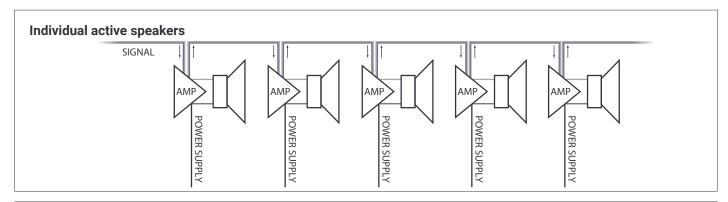


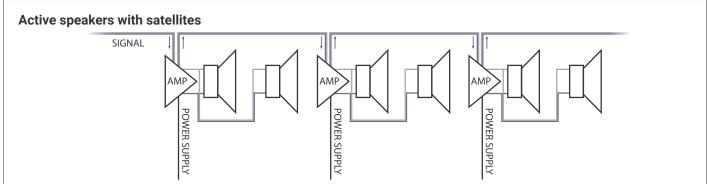
Active Speakers

Active speakers contain their own amplifier to drive the speaker, which will be matched by impedance and power handling.

Some active models contain an amplifier that can also drive another passive speaker (satellite). The main advantage of this type of system is that there is no need for separate amplifiers, which also means that the system can be expanded by simply adding more active speakers and cascading the signal from one to the next.

However, each speaker also requires power from the mains, so this should be considered when planning an active speaker installation.





Dispersion Angles

Calculating the spacing required in-between speakers using the dispersion angle

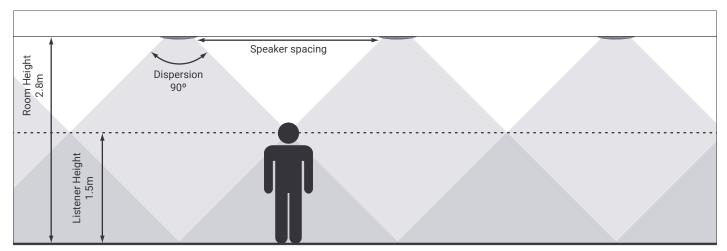
The spacing between speakers should be the distance between the dispersion overlap at the listener's height.

Calculating the spacing requires trigonometry (using Tangent) in the following equation.

(Speaker height - Listener height) x TAN (dispersion angle / 2) x 2

Example: (2.8 - 1.5) x TAN (45°) x 2

 $1.3 \times 1 \times 2 = 2.6 \text{m}$ apart (speaker spacing)





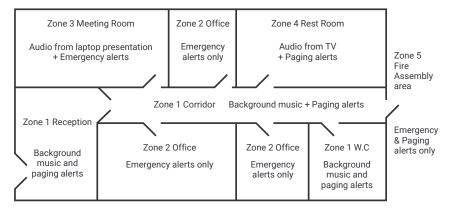
Zoning Systems

Sound systems are often installed in public spaces to deliver spoken word, music and other audible information to listeners in many different environments.

Zoning systems are flexible sound systems that provide control for the sound that is delivered to different areas, called 'zones'.

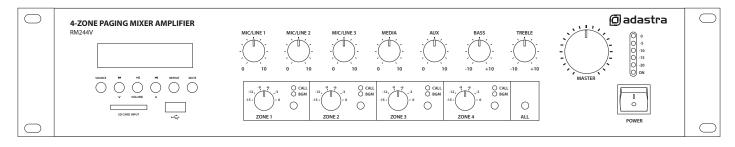
A zone can be a room or a group of rooms. Equally, a zone could be part of a room or even an outside space. Essentially, wherever separate control over the amplified sound is needed would be considered as a separate zone.

In the example diagram shown, a building has been separated into 5 zones.



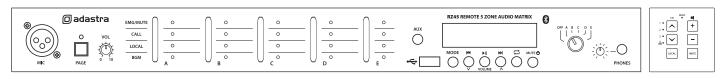
- 1 Public areas, such as reception, corridor and W.C. are served by Zone 1 output to receive the same background music along with voice paging alerts.
- 2 All offices are served by Zone 2 because they never require background music and only ever need the emergency alerts that are broadcast to all zones.
- 3 The meeting room has its own independent Zone 3, as it needs audio from a laptop to be amplified to the room for presentations and video conferences. Emergency alerts are also active in this zone.
- 4 The rest room has its own Zone 4, so that audio from a TV can be amplified to the room, whilst still receiving emergency alerts along with paging alerts to send voice messages to the room.
- 5 Finally, Zone 5 is the fire assembly area at the rear of the building, which requires emergency and paging alerts in case of fire or other emergency drills.

Adastra RM244V - 953.244UK



To add individual control over the volume in each zone, it is possible to use individual volume controls. The Adastra RM244V has 4 built-in attenuators to enable control of the output volume to 4 separate 100V outputs. Again, the sound produced at each zone will be the same but the output level of each can be adjusted.

Adastra RZ45 - 953.045UK



For total flexibility, the Adastra RZ45 is a 5 zone audio matrix with source and output volume fully controllable via touch-operated wall plates, which can be located within each relevant zone or elsewhere.

Any of the 5 zones can be fed from 3 selectable audio sources or the internal media player and the level of each is independently adjustable. Overall emergency paging to all zones is provided by a paging mic input and an optional call station can address individual zones for voice messaging as needed. Again, the output can feed an Adastra RS605 or 5 separate amplifiers or even active speakers in each zone.





"(AVSL) are recognised throughout the sector for their quality, reliability and good service, which has led to a significant increase in our company's turnover.

Apart from their products, what I liked most was their seriousness in the business, speed of response, incident management, etc. and above all the magnificent personal treatment I received."

Carlos Zalduendo - Sound Trading S.L.



"The little differences make a difference; with AVSL, the team behind the products is just that difference.

Working closely with AVSL has enabled us to constantly monitor their product range, finding niches that complement our existing ranges."

Paul Spencer - Ex-Pro Products Ltd



"There products sell really well. There customer service is spot on! There products fit with our inventory."

> Dan Young -DY Pro Audio



"As the relationship grew and the excellent website made it easy for us, we would do more and more goods.

The next day delivery and great website have made them a pleasure to deal with.

That, mixed with the ability to talk to our sales rep (who have always been fantastic)."

Alex Wright - Intasound



"Through good and bad times, AVSL has always been a supporting partner and has contributed to our company's growth.

The AVSL team is made up of very professional but also very pleasant people.

We greatly enjoy working with them!"

Panicos Michael -MS Electronics Ltd



"In the past 20 years we have both seen each other grow from strength to strength.

The after sales service is the one of the best in the industry and this for us is what sets AVSL apart from the rest."

Mike Stead -Phase One



"Our representative has been great and we have always found him very positive and helpful."

> lain Buchanan -Glasgow Sound Centre



"AVSL has a continual growing and evolving product range, this helps us to provide a range of products for our customer which are always popular.

We have seen consistent growth as new products are brought to market every year and the range expands."

> Simeon Playford -Simply Sound Ltd



"Adastra is my first point of call for 100V line installation - reliable and great value for money for the client.

The range offers a solution for most requirements and AVSL offer a great service for delivery and backup."

Alan Thomas -Zelma Sound Services





Sound and Light Product Guide 2024

Solutions for domestic, commercial and professional installations



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