

Studiomaster

since 1976

live **sound** solutions

professional
audio



2018
edition 1





Modern live sound production began with the development and mass production of reliable, high power PA amplification, capable of good sound reproduction. Back in 1976 a company called RSD (Recording Studio Design) based in rural England, was among the first to design and build such amplifiers. Not only did they challenge the performance specifications and engineering of the few available, hugely expensive, imported US designs that could put out more than a few hundred watts per channel, they were affordable – very affordable. RSD – so named because this small band of sound engineering entrepreneurs wanted to bring the sound quality of the recording studio to the concert stage – could not build enough of the 800 watts per channel RSD 800B. Not only were they snapped up in huge numbers to power extravagant concept shows and arena tours by mega groups like Pink Floyd, with the explosion of punk in the late 1970's came a gigging revolution, and PA hire grew into an industry; and all the companies used the RSD 800B. Just as importantly these amplifiers were affordable, so that even bands setting out on the road to stardom could gig with a decent sounding PA system in the back of the van.

The company kept on developing ground breaking new products, introducing the **first compact monitor console** and one of the **first 8-buss home recording mixing desks**, designed to operate with the new breed of eight-track home recording tape machines. It was this – the Studiomaster 16-8 – that heralded the change of company name and the move to a new factory in the town of Luton where it remained for many years. Throughout the 1980's and 1990's, the new R&D department produced a string of **innovative product developments**, continually making available features and technologies, previously the preserve of big recording studios or millionaire musicians, to bands and songwriters starting out. Among them were the **first four buss mixers**, designed as sub-mixers for the new breed of keyboard bands, with their racks of synths, sequencers and drum machines, and for four-track bedroom recordists.

It was **the 'invention' of the powered mixer** however, that would be the next big success story and become the 'signature' Studiomaster product class. The Studiomaster 8-2 married the two things the company did better than anyone else – a compact portable professional mixer with integrated power amplification; in this case separate left, right and monitor channel amplification. Effectively a PA system in a box, it only needed wiring up to speaker cabinets. The powered mixer was a gift to gigging musicians, small venues and rehearsal studios the world over. Along with **more firsts like MIDI automation featured home recording desks** and preset operable digital effects processors, the company continued its growth and mass market domination of the music technology industry.

Today Studiomaster is not only a sound industry legend, it remains a UK based pro-audio engineering and manufacturing company, under the ownership of the Soundking Group, among the largest musical equipment and professional audio manufacturers in China. While retaining its product development and engineering activities, and strategic management and distribution functions at its Milton-Keynes head quarters in the UK, it has access to investment and mass production facilities via its parent company in Ningbo, south of Shanghai.

www.studiomaster.com

live sound solutions

The company boasts a major catalogue of live sound reproduction products and technologies, from self-powered sound reinforcement and portable PA cabinets, and high quality fixed installation speakers, to ingenious all-in-one "box and carry" powered PA solutions for a 'pop-up' presentation or performance, to the very latest in powered mixers, with 1000 watts a side of astounding digital power.

Just as it was back in 1976, what sets Studiomaster apart in the modern musical equipment industry, is innovation and the drive to offer premium quality product at the most competitive affordable price.

invention
first
innovation



2018 edition1

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mixing consoles

digilive 16

DIGITAL MIXING CONSOLE

16 INPUT - 16 BUS - 8 OUTPUT
DIGITAL MIXING MADE EASY

THE ULTIMATE HYBRID CONSOLE



advanced hybrid user interface

- 16 input with 16 internal busses
- 12 professional mic input channels
- 9 motorized 100mm faders
- Up to 8 internal effects busses
- 8 configurable 'smart' outputs
- 7" high resolution touch screen or full tablet operation
- S/pdif in/out & AES-EBU output
- Real time operation with full featured iOS app



DIGITAL MIXING MADE EASY

Introducing the StuDiomaster digilive16 mixer - 16 inputs, motorised faders, large touch screen, USB ports - everything you need for perfect live mixing. Digilive is the result of many years of R&D combining StuDiomaster's experience in signal processing with the latest technologies to give you total control over your sound.

Although ultra compact, digilive16 uses the full potential of our digital mixer expertise without compromising any features. All settings can be recalled including, most importantly, the faders - unique in this class of mixer. Full control is also available remotely via Wi-Fi so you are free to mix anywhere in the venue.

There are 12 mic/line inputs, 2 stereo inputs all routable via 16 busses to 8 balanced outputs. Joining them is a host of professional digital interfaces - AES/EBU, SPDIF and two USB. The 1024x600 touch screen makes navigation simple and intuitive, in fact digilive can be used straight out of the box without the need to read a 100 page manual!

Studio quality sound, multi-effects engines and full dynamics processing make digilive the easy way to mix your sound.

DIGILIVE 16 intelligent user interface

- simple to use 1024x600 7" touchscreen with clear and informative graphics
- clear visual representation of all channel and mixer settings
- use either touchscreen or encoder to adjust any setting
- 100mm motorized faders, with one touch layer selection
- solo, mute and channel select buttons for each channel

DIGILIVE 16 advanced algorithms

- 4 band fully parametric EQ
- each band adjustable between 20Hz and 20kHz
- variable gain and Q, and ability to save EQ library presets

DIGILIVE 16 dynamics and effects on every channel

- fully adjustable gate and compression
- 4 stereo effects available with reverb, delay, modulation and 31 band graphic EQ
- simple to use and informative visual representation of effect or dynamic
- depth and gain reduction metering for accurate adjustment

DIGILIVE 16 smart outputs

- 16 internal busses with 8 balanced XLR outputs
- comprehensive routing facilities to maximise mixer flexibility
- simple and clear selection and routing

DIGILIVE 16 mixing made easy

- input and output channel metering is clear with the high definition screen
- both input and output levels clearly displayed
- pre and post fader metering

DIGILIVE 16 recording and playback

- built in media player and recorder
- playback from either USB
- record from any smart output



SPECIFICATIONS DIGILIVE 16

MIC Input	12 channels	8 x XLR / 4 x COMBO XLR / JACK
LINE Input	2 (Stereo) channels	two 6.5 stereo Jacks, one 3.5 stereo Jack in parallel with one stereo channel
Master output	2 Left/Right balanced XLR	
Smart Outputs	6 assignable balanced XLR	
Internal busses	16	
Stereo Monitor	1	TRS Jack output
Headphone	1	TRS Jack output
Screen	7" high definition touch screen	
Faders	8 x motorized 100 mm faders + 1 x motorized 100mm fader for L/R mix	
Operating System	Android system	
Sample Frequency	48 KHz	
AD/DA	192KHz, 24-bit	
DSP	40-bit float point, SHARC processor	
iPad Remote control	Yes	
Effects	up to 8 assignable effect modules (reverb, modulation, delay, 31band GEQ with RTA)	
Digital input/outputs	Output (XLR)	
AES/EBU	Input / Output (RCA phono)	
S/PDIF	2 for playback/recording, scene storage and system updates	
USB Interface	yes via WIFI external module	
Network		
Power	90-240V ~ 50/60Hz power supply 12VDC output	
Dimension (WxHxD)	357x480x145mm	

digilive 16RS

DIGITAL MIXING CONSOLE

16 INPUT - 16 BUS - 8 OUTPUT
DIGITAL MIXING MADE EASY

The Studiomaster digilive 16R mixer – Our new addition to the digilive portfolio. Bringing the features and flexibility of the digilive 16 to a new compact “black box” style console.

Featuring the same 16 input, 16 bus, 8 output format of the digilive 16, the 16RS varies only with the addition of the 12 mic inputs having digital gain control. Operation is achieved with either the built in 7” touchscreen or iOS app control via wifi.

Although ultra compact, digilive 16RS uses the full potential of our digital mixer expertise without compromising any features. All settings can be recalled including, most importantly, the faders – unique in this class of mixer. Full control is also available remotely via Wi-Fi so you are free to mix anywhere in the venue.



There are 12 mic/line inputs, 2 stereo inputs all routable via 16 busses to 8 balanced outputs. Joining them is a host of professional digital interfaces – AES/EBU, SPDIF and two USB. user friendly iOS app makes navigation simple and intuitive, so simple the digilive 16RS can be used straight out of the box without the need to read a 100 page manual!

Studio quality sound, multi-effects engines and full dynamics processing

make the digilive mixers the easy way to mix your sound.

- 16 input with 16 internal busses
- 12 digital gain mic input channels
- Up to 8 internal effects busses
- 8 configurable ‘smart’ outputs
- S/pdif in/out & AES-EBU output
- Ultra compact unit size
- Full tablet (iOS) control

SPECIFICATIONS DIGILIVE 16RS

MIC Input	Channels	Description
LINE Input	12	8 x XLR / 4 x COMBO XLR / JACK
	2 (Stereo)	two 6.5 stereo Jacks, one 3.5 stereo Jack in parallel with one stereo channel
Master output	2 Left/Right balanced XLR	
Smart Outputs	6 assignable balanced XLR	
Internal busses	16	
Stereo Monitor	1	TRS Jack output
Headphone	1	TRS Jack output
Operating System	Android system	
Sample Frequency	48 KHz	
AD/DA	192KHz, 24-bit	
DSP	40-bit float point, SHARC processor	
iPad Remote control	Yes	
Effects	up to 8 assignable effect modules (reverb, modulation, delay, 31band GEQ with RTA)	
Digital input/outputs	Output (XLR)	
AES/EBU	Input / Output (RCA phono)	
S/PDIF	2 for playback/recording, scene storage and system updates	
USB Interface	yes via WIFI external module	
Network		
Power	90-240V ~ 50/60Hz power supply 12VDC output	



digilive 16P

DIGITAL MIXING CONSOLE

16 input powered digital mixer
4 x 150W (600) or 2 x 500W (1000)

Expanding our digilive range of digital mixing products, the unique new digilive16P series merges the comprehensive features and style of the digilive 16, with the ultra compact design of the digilive 16R and adds a powerful 600 watt or 1000W multi-configuration digital power amplifier.

Featuring 16 inputs, digital in/outs, 16 internal busses, amplifiers configurations are the 16P-600 with 4 x 150W at 4ohm with 4 smart balanced XLR outputs or the big 16P-1000 with 2 x 500W at 4ohm with 6 smart balanced XLR outputs.

Retaining the simple, unique and intuitive 7” touchscreen interface of the digilive 16, with easy rotary encoder control of input and output layers, this is a powerful, unique and incredibly simple to operate all-in-one mixer amp solution.



- 16 input with 16 internal busses
- 12 digital gain mic input channels
- Up to 8 internal effects busses
- 600W amplifier - 4 x 150W (4ohm) power
- or 1000W amplifier - 2 x 500W (4ohm) power
- 4 configurable ‘smart’ XLR outputs
- S/pdif in/out & AES-EBU output
- Ultra compact unit size
- Full tablet (iOS) control

Perfect for many different applications including installations, small live bands, houses of worship and even as a dedicated monitor mixing solution especially when used with the iPad APP.

digilive 16P-600 4 x 150w power
digilive 16P-1000 2 x 500w power

make the digilive mixers the easy way to mix your sound.

SPECIFICATIONS DIGILIVE 16P-600

MIC Input	Channels	Description
LINE Input	12	8 x XLR / 4 x COMBO XLR / JACK
	2 (Stereo)	two 6.5 stereo Jacks, one 3.5 stereo Jack in parallel with one stereo channel
Master output	2 Left/Right balanced XLR	
Smart outputs	4 assignable balanced XLR	
Speaker outputs	4-pole speaker connectors	
Internal busses	16	
Stereo Monitor	1	TRS Jack output
Headphone	1	TRS Jack output
Operating System	Android system	
Sample Frequency	48 KHz	
AD/DA	192KHz, 24-bit	
DSP	40-bit float point, SHARC processor	
iPad Remote control	Yes	
Effects	up to 8 assignable effect modules (reverb, modulation, delay, 31band GEQ with RTA)	
Digital input/outputs	Output (XLR)	
AES/EBU	Input / Output (RCA phono)	
S/PDIF	2 for playback/recording, scene storage and system updates	
USB Interface	yes via WIFI external module	
Network		
Power	100-120V/200-240V ~ 50/60Hz power supply	
Amplifier power	DIGILIVE16P-600 4 x 150 watts (RMS) DIGILIVE16P-1000 2 x 500 watts (RMS)	



C2 / C2S

ULTRA COMPACT MIXERS

The C2 Series are an ultra compact high quality mixer series, offering comprehensive features normally found on larger consoles in an attractive compact moulded case.

All units feature 2 band eq on all channels, auxiliary for external effects processors, pan/balance control, and input gain and level controls. The output section is equally comprehensive with stereo output on 1/4" jacks, playback / record on both RCA phono and USB (on C2S models), bargraph metering and headphone output.

Perfect for many applications, including home recording, live mixing, location mixing, commercial/corporate uses and many other applications where an ultra compact mixing console is required.

C2-2 2 MIC - 2 STEREO

- 2 mic input and 2 stereo input channels
- Comprehensive channel facilities including 2 band EQ and auxiliary
- Ultra compact lightweight design



C2S-2 2 MIC - 2 STEREO WITH USB

- 2 mic input and 2 stereo input channels
- Comprehensive channel facilities including 2 band EQ and auxiliary
- Ultra compact lightweight design
- Built in USB record / playback



C2-4 4 MIC - 2 STEREO

- 4 mic input and 2 stereo input channels
- Comprehensive channel facilities including 2 band EQ and auxiliary
- Ultra compact lightweight design



C2S-4 4 MIC - 2 STEREO WITH USB

- 4 mic input and 2 stereo input channels
- Comprehensive channel facilities including 2 band EQ and auxiliary
- Ultra compact lightweight design
- Built in USB record / playback



SPECIFICATIONS	C2-2	C2S-2	C2-4	C2S-4
Channels	6	6	8	8
Mic Inputs	2	2	4	4
Stereo Inputs	4	4	4	4
Frequency Response	20Hz-20kHz (+/-1dB)	20Hz-20kHz (+/-1dB)	20Hz-20kHz (+/-1dB)	20Hz-20kHz (+/-1dB)
Distortion	<0.08% @ -10dBu	<0.08% @ -10dBu	<0.08% @ -10dBu	<0.08% @ -10dBu
Residual Noise	<-98dB	<-98dB	<-98dB	<-98dB
Gain Range	Mic Input 0dB to +45dB Line Input -20dB to +25dB Playback+ CDMP3 24k ohm unbalanced	Mic Input 0dB to +45dB Line Input -20dB to +25dB 24k ohm unbalanced	Mic Input 0dB to +45dB Line Input -20dB to +25dB 24k ohm unbalanced	Mic Input 0dB to +45dB Line Input -20dB to +25dB 24k ohm unbalanced
EQ	Hi Lo +/-15dB @ 12kHz +/-15dB @ 80Hz	Hi Lo +/-15dB @ 12kHz +/-15dB @ 80Hz	Hi Lo +/-15dB @ 12kHz +/-15dB @ 80Hz	Hi Lo +/-15dB @ 12kHz +/-15dB @ 80Hz
Maximum Output	Main Mix Aux Send +21dB +/-2dB +18dBu +/-2B	Main Mix Aux Send +21dB +/-2dB +18dBu +/-2B	Main Mix Aux Send +21dB +/-2dB +18dBu +/-2B	Main Mix Aux Send +21dB +/-2dB +18dBu +/-2B
Output Impedance	Record Headphones 1k ohm 25k ohm	Record Headphones 1k ohm 25k ohm	Record Headphones 1k ohm 25k ohm	Record Headphones 1k ohm 25k ohm
USB	N/A	2 channel playback/record	N/A	2 channel playback/record
Dimensions (WxHxD)	244mm x 165mm x 75mm	244mm x 165mm x 75mm	244mm x 218mm x 75mm	244mm x 218mm x 75mm
Power Supply	Wall adaptor 100-240V ~ 50/60Hz	Wall adaptor 100-240V ~ 50/60Hz	Wall adaptor 100-240V ~ 50/60Hz	Wall adaptor 100-240V ~ 50/60Hz
Power Consumption	11W	11W	15W	15W

CLUBXS

COMPACT MIXING CONSOLES

The CLUB XS range of compact, and portable mixing consoles. Offering all the features and specifications required from mixing consoles at this level, at a great price point. With features such as 3 band EQ, built-in channel compression, DSP effects and a hugely versatile MP3/USB/SD card playback and recording system, with Bluetooth playback facility included.

Available in 5, 6, 8, 10 or 12 input models. The 5 input with 1 mic channel, the 6 input with 2 mic channels, the 8 has 4 mic channels, the 10 with 6 mic channels, and the 12 input model has 8. All feature 2 stereo input channels.

Input channels, are fully featured with 3 band EQ, 2 Auxiliaries, balanced mic/line connectors, compressor control and a useful channel MUTE switch. Stereo channels differ only with 2 band EQ and no compressor.

Main outputs are balanced XLR, with additional jack outputs available for auxiliaries and control room, and RCA phono record/playback facilities.

The USB/SD card facility for stereo recording / playback make the CLUB XS ideal for project home recording or giving the ability to supply interval / backing music to your live performance. To add further practicality to the unit, there is a built in MP3 player to give you

every opportunity to make your live performance as quick and easy to set-up as possible. An extremely useful Bluetooth playback facility is included that will playback from phones, laptops or other Bluetooth devices. Perfect for playback at a performance, or even for DJ computer playback ability.

Also included on all CLUB XS models is a high quality 16 programme DSP effects unit.

In addition to this, the CLUB XS models feature +48V phantom power on all mic channels, high quality 60mm smooth faders, and a robust quiet internal switchmode power supply.



CLUBXS16+

16 INPUT MIXING CONSOLE

Expanding on the leading CLUBXS range, the CLUBXS 16+ has all the features of the other models with the addition of extra monitor busses, PFL's on all channels and a useful footswitch socket to turn the DSP on and off between performances.

The CLUBXS 16+ features 12 mic channels with 3 band EQ, 3 Auxiliaries, balanced mic/line sockets, compressor control, high pass filter, 3 band EQ, channel MUTE and Listen (PFL) switches.

The two stereo channels differ only with 2 band EQ and no compressor.

Main outputs are balanced XLR, with additional jack outputs available for auxiliaries and control room, and RCA phono record/playback facilities. The USB/SD card facility for stereo recording / playback make the CLUBXS ideal for project home recording or giving the ability to supply interval / backing music to your live performance. To add further practicality to the unit, there is a built in MP3 player to give you every opportunity to make your live performance as quick and easy to set-up as possible. An extremely useful Bluetooth playback facility is included that will playback from phones, laptops or other Bluetooth devices. Perfect for playback at a performance, or even for DJ computer playback ability.

Also included on the CLUBXS 16+ models is a high quality 16 programme DSP effects unit. In addition to this, the CLUBXS 16+ models feature +48V phantom power on all mic channels, high quality 60mm smooth faders, and a robust quiet internal switchmode power supply.

- CLUB XS 5** 1 MIC - 2 STEREO CHANNELS INC DSP & USB/MP3 PLAYER

- CLUB XS 6** 2 MIC - 2 STEREO CHANNELS INC DSP & USB/MP3 PLAYER

- CLUB XS 8** 4 MIC - 2 STEREO CHANNELS INC DSP & USB/MP3 PLAYER

- CLUB XS 8R** 4 MIC - 2 STEREO CHANNELS INC DSP & USB/MP3 PLAYER RACK MOUNTING

- CLUB XS 10** 6 MIC - 2 STEREO CHANNELS INC DSP & USB/MP3 PLAYER

- CLUB XS 10R** 6 MIC - 2 STEREO CHANNELS INC DSP & USB/MP3 PLAYER RACK MOUNTING

- CLUB XS 12** 8 MIC - 2 STEREO CHANNELS INC DSP & USB/MP3 PLAYER

- CLUB XS 12R** 8 MIC - 2 STEREO CHANNELS INC DSP & USB/MP3 PLAYER RACK MOUNTING

- 5, 6, 8, 10 and 12 input models
- 3 Band EQ on all mic channels
- High pass filters and adjustable compressors on all mic channels
- USB/SD card recording / playback
- Bluetooth playback facility
- High quality DSP effects
- Ultra compact and lightweight design
- 8, 10 and 12 input models can with rack mount



SPECIFICATIONS CLUB XS 5 CLUB XS 6 CLUB XS 8 CLUB XS 10 CLUB XS 12

Inputs	5	6	8	10	12
Mic Input channels	1	2	4	6	8
Stereo Input channels	2	2	2	2	2
Gain	MIN - MAX 6dB—+50dB	MIN - MAX 6dB—+50dB	MIN - MAX 6dB—+50dB	MIN - MAX 6dB—+50dB	MIN - MAX 6dB—+50dB
Mic	+10dB - -34dB	+10dB - -34dB	+10dB - -34dB	+10dB - -34dB	+10dB - -34dB
Line	-100dB	-100dB	-100dB	-100dB	-100dB
EIN					
Frequency response	10Hz - 20kHz+1/-3	10Hz - 20kHz+1/-3	10Hz - 20kHz+1/-3	10Hz - 20kHz+1/-3	10Hz - 20kHz+1/-3
Mic Channel	≤0.1%	≤0.1%	≤0.1%	≤0.1%	≤0.1%
THD Mic Channel	80dB	80dB	80dB	80dB	80dB
Signal to noise ratio					
Output Levels	MAX +26(BAL) MAX +20(UNBAL)	MAX +26(BAL) MAX +20(UNBAL)	MAX +26(BAL) MAX +20(UNBAL)	MAX +26(BAL) MAX +20(UNBAL)	MAX +26(BAL) MAX +20(UNBAL)
Channel EQ					
Hi	12kHz	12kHz	12kHz	12kHz	12kHz
Mid	2.5kHz	2.5kHz	2.5kHz	2.5kHz	2.5kHz
Lo	45Hz	45Hz	45Hz	45Hz	45Hz
Lo Cut		80Hz	80Hz	80Hz	80Hz
MP3/USB/SD Audio playback	YES	YES	YES	YES	YES
USB/SD Audio recording	YES	YES	YES	YES	YES
DSP Effects	ECHO EFFECT	YES	YES	YES	YES
Power requirements	100V - 240V ~	100V - 240V ~	100V - 240V ~	100V - 240V ~	100V - 240V ~
Dimensions (W x D x H)	195x80x270mm	227x359x70mm	283x359x70mm	339x359x70mm	395x359x70mm

SPECIFICATIONS CLUB XS 16+

Inputs	16
Mic Input channels	12
Stereo Input channels	2
Gain	MIN - MAX 6dB—+50dB
Mic	+10dB - -34dB
Line	-100dB
EIN	
Frequency response	10Hz - 20kHz+1/-3
Mic Channel	≤0.1%
THD Mic Channel	80dB
Signal to noise ratio	
Output Levels	MAX +26(BAL) MAX +20(UNBAL)
Channel EQ	
Hi	12kHz
Mid	2.5kHz
Lo	45Hz
Lo Cut	80Hz
MP3/USB/SD Audio playback	YES
USB/SD Audio recording	YES
DSP Effects	YES
Power requirements	100V - 240V ~
Dimensions (W x D x H)	385x527x85mm

- 12 mic input and 2 stereo input
- 3 Band EQ, high pass filters and compressors on all mic channels
- Channel MUTE and LISTEN (PFL) switches on all channels
- 1 effect and 2 monitor busses
- USB/SD card recording / playback
- Bluetooth playback facility
- High quality DSP effects with footswitch on/off socket
- Ultra compact and lightweight design

C6

COMPACT MIXERS

The new C6 series comprises four models. Available in either 12 or 16 input variations.

Offering a lightweight, portable solution, these desks are perfect for both live and home recording applications. Constructed from the latest robust moulding technology, the strength and weight benefits make the units highly portable.

Featuring either 6 or 10 mic channels with built in adjustable compressor on every channel and 4 stereo channels. All inputs channels feature 3 band EQ, 2 or 4 auxiliaries (depending on model), Pan/Balance, PFL listen bus, Channel On switching and comprehensive routing facilities to the main mix or the stereo sub groups.



With all the features and benefits of the C6-12/16, the range is enhanced with the addition of the C6XS-12 and C6XS-16, which although offer an identical channel count, have the following additional features.
 USB facility for stereo record / playback facility, making it ideal for project home recording or supplying interval / backing music to your live performance. Also included is a high quality 16 programme DSP effects unit.

All models in the range additionally benefit from : +48V phantom power on mic channels, high quality 60mm smooth faders, balanced XLR outputs, and a robust quiet internal switchmode power supply.

C6-12 6 MIC - 4 STEREO CHANNELS

C6XS-12 6 MIC - 4 STEREO CHANNELS INC DSP/USB

C6-16 10 MIC - 4 STEREO CHANNELS

C6XS-16 10 MIC - 4 STEREO CHANNELS INC DSP/USB

- 12 and 16 input models
- 3 Band EQ on all channels
- 1 / 2 Stereo sub groups 2 / 4 auxiliaries (depending on model)
- USB recording / playback on XS models
- High quality DSP effects on XS models
- Mic channels feature adjustable compressor facility



SPECIFICATIONS	C6-12	C6XS-12	C6-16	C6XS-16
Channels	12	12	16	16
Mic Inputs	6	6	10	10
Stereo Inputs	4	4	4	4
Gain	MIN - MAX 15dB - 60dB -128dB	15 dB --60 dB -128dB	15 dB --60 dB -128dB	15 dB --60 dB -128dB
Frequency response	20HZ-20KHZ+1-3 ≤0.1%	20HZ-20KHZ+1-3 ≤0.1%	20HZ-20KHZ+1-3 ≤0.1%	20HZ-20KHZ+1-3 ≤0.1%
Output Levels	MAX.+28(BAL) MAX.+22(UNBAL)	MAX.+28(BAL) MAX.+22(UNBAL)	MAX.+28(BAL) MAX.+22(UNBAL)	MAX.+28(BAL) MAX.+22(UNBAL)
Channel EQ	Hi 12KHZ Mid 2.7KHZ Lo 100HZ Lo Cut 100HZ	12KHZ 2.7KHZ 100HZ 100HZ	12KHZ 500HZ-2.7KHZ 100HZ 100HZ	12KHZ 500HZ-2.7KHZ 100HZ 100HZ
USB Audio	NO	YES	NO	YES
DSP EFX	NO	YES	NO	YES
Power requirements	30W	30W	35W	35W
DIMENSIONS	475X225X515(mm)	475X225X515(mm)	585X590X250(mm)	585X590X250(mm)



The new range of Vision mixers provide the contemporary musician with everything they need to create their ultimate live sound. Small size and light weight are essential when working a local pub gig or touring the country which is why Vision is a class leader in portability. Easy to use and reliability are both Studiometer hallmarks and vital for the working band and performer that earn their living from their craft. With the many sound formats available today Vision also has a multitude of input/outputs to accommodate any working style.

VISION

COMPACT POWERED & UNPOWERED MIXING CONSOLES

A glance at Vision shows a simple, uncluttered control surface but without any compromise in features. The powerful 3 band EQ, twin DSP effects processors, 9 band graphic equaliser and super smooth 60mm faders are all there when you need them. Balanced I/O on XLR connectors, dual USB interfaces (routable into channels) and jack, RCA phono and mini-jack inputs covers just about any signal you want to hook-up to your PA.



HIGH PERFORMANCE MIXERS

ONE UNIQUE STYLE - THREE UNIQUE FORMATS

The Vision is available in three formats tailored to suite your PA requirements. The Vision 8 is a perfect partner for all sizes of powered speakers and the Vision 1008 with its twin 500 Watt internal amplifier has the power to deliver at any venue. The flagship Vision 2008 packs a total of 2000 Watts of solid power for when the ultimate sound quality is demanded.

All have 10 channel inputs (6 mic/line and 2 stereo), two 2 channel USB interfaces and the useful Standby feature that mutes all inputs except stereo playback for intervals. The two studio quality DSP effects processors can be used independently or, at the touch of a button, link to create one giant reverb/delay effect for that dramatic power ballad!

All models are free standing or can be rack mounted (kit included), a foot switch socket is provided for external effects muting and 48V phantom power is available on all mic inputs.

Take control of your sound with Vision compact PA mixers.

- 8 channel - 10 input
- twin studio grade DSP
- 9 band graphic EQ
- PFL and channel mutes
- 60mm high quality faders
- 2 routable USB interfaces for recording and playback
- Up to 2000 watt internal amplification
- ultra compact, ultra light

VISION 8 8 CHANNEL 10 INPUT MIXER

- 6 mic input and 2 stereo input channels
- 3 band EQ on every channel
- auxiliary
- twin studio quality DSP effects, with adjustable delay and regen
- 9 band graphic EQ
- 2 USB connections for playback and recording
- Ultra compact lightweight design

VISION 1008 1000 WATT POWERED MIXER

- 6 mic input and 2 stereo input channels
- 1000 watt (2 x 500 watt) 4 ohm output
- 3 band EQ and auxiliary on every channel
- twin studio quality DSP effects, with adjustable delay and regen
- 9 band graphic EQ
- 2 USB connections for playback and recording
- Ultra compact lightweight design, only 5.4kg

VISION 2008 2000 WATT POWERED MIXER

- 6 mic input and 2 stereo input channels
- 2000 watt (2 x 1000 watt) 8 ohm output
- 3 band EQ and auxiliary on every channel
- twin studio quality DSP effects, with adjustable delay and regen
- 9 band graphic EQ
- 2 USB connections for playback and recording
- Ultra compact lightweight design, only 6.6kg

SPECIFICATIONS VISION SERIES

Inputs	10
Mic channels:	6 mic XLR / 1/4" TRS line
Stereo channels:	2 stereo 1/4" TRS
L-R Mix output:	Balanced XLR with insert
Auxiliary output:	1/4" TRS jack
Footswitch:	controls DSP on/off
USB:	2 assignable USB connections for playback and record
Playback:	3.5mm jack / RCA phono
Record:	RCA phono
Gain	
Mic inputs:	+10 to +60dB
Stereo inputs:	-10 to +20dB
Noise	
Mic input EIN, A weighted	-130dBu
L-R Faders minimum:	-93dBu
L-R Faders @ 0dB:	-90dBu
Frequency response	
All analogue inputs to outputs:	10Hz to 33kHz
Distortion	
All analogue inputs to outputs:	0.01%
Equalisation	
Mic channels +-15dB:	HF 12kHz, MID 2.5kHz Q+0.6, LF 60Hz
Stereo channels +-15dB:	HF 12kHz, MID 2.5kHz Q+0.6, LF 50Hz
Graphic +-9dB:	63, 125, 250, 500, 1k, 2k, 4k, 8k, 16kHz
Hi Pass filter:	80Hz, 18dB/octave
Connections	
Mic/line channels:	Balanced XLR and TRS jack socket
Stereo channels:	Balanced TRS jack and unbalanced RCA phono
USB:	2x USB 2.0
Playback:	RCA phono and mini-jack
Outputs:	Balanced compatible XLR, RCA phono, USB 2.0
Output power	
RMS:	Vision 1008 500+500Watts 4 ohm
Speaker connections:	Vision 2008 1000+1000Watts 8 ohm 2 pole speaker sockets
Power requirements:	Voltage selector 115/230V 50/60Hz~
Power consumption:	Vision 8 30Watts
	Vision 1008 250Watts
	Vision 2008 450Watts
Size mm (w x h x d):	Vision 8 447 x 330 x 100
	Vision 1008 447 x 330 x 128
	Vision 2008 447 x 330 x 128
Weight:	Vision 8 3.95kg
	Vision 1008 5.4kg
	Vision 2008 6.6kg

DQX series digital power amplifiers with DSP

The new DQX series, using the same amplifier and power supply platform as the QX series, feature a high quality DSP, with high precision and dynamic AD/DA converters and an informative 3.3" HD LCD screen. Real time monitoring is available both via the screen or via RS-485 connections, with support for receiving AES digital audio signals.

Additional features include active power factor correction (PFC) and ultra reliable soft power switching power supply which will operate universally between 90-250VAC.

The DQX series, are all 1U height lightweight designs, weighing less than 13kg. Both 2 and 4 channel versions are available, giving power ratings from 2550 watts per channel up to 5100 watts per channel at 4 ohms at over 95% efficiency.

At 2 ohm operation, the flagship DQX4-8000 will supply up to 4 x 5780 watts, making these amplifiers supply extremely high performance, and provide cost effective solutions for multiple install and rental applications, for example line array systems.



DQX SERIES FEATURES

- energy saving with over **95% efficiency**
- power factor correction (**PFC**)
- universal **90-250V** power supply
- 2 and 4 channel** models
- reliable and efficient operation at **2 ohm** loads
- internally modular, variable speed **fan cooling**
- DSP operation with 3.3"HD LCD** screen

DQX SERIES FUNCTION

- stereo/parallel/bridge mode
- multiple gain modes
- output limiter
- balanced XLR inputs
- 32A mains power input socket
- thermal, overload, DC protection
- thermal, fault and limiter indicators

SPECIFICATIONS QX series

	DQX2 1300	DQX2 2000	DQX2 3000	DQX2 4000	DQX2 6000	DQX4 2600	DQX4 4000	DQX4 6000	DQX4 8000	
Rated power(THD=1%, continuous sine 1kHz, each channel working simultaneously)	8Ω/stereo	2x650W	2x1000W	2x1500W	2x2000W	2x3000W	4x650W	4x1000W	4x1500W	4x2000W
	4Ω/stereo	2x1100W	2x1700W	2x2550W	2x3400W	2x5100W	4x1100W	4x1700W	4x2550W	4x3400W
	2Ω/stereo	2x1870W	2x2890W	2x3570W	2x4760W	2x7140W	4x1870W	4x2890W	4x3570W	4x4760W
	16Ω/bridge	1x1300W	1x2000W	1x3000W	1x4000W	1x6000W	2x1300W	2x2000W	2x3000W	2x4000W
RMS output voltage (THD=1%,1kHz)	8Ω/bridge	1x2200W	1x3400W	1x5100W	1x6800W	1x10200W	2x2200W	2x3400W	2x5100W	2x6800W
	4Ω/bridge	1x3740W	1x5780W	1x7140W	1x9520W	1x14280W	2x3740W	2x5780W	2x7140W	2x9520W
Slope(1kHz, bypass LPF)						50V/us				
THD+N (10% rated output power)						0.01%				
IMD-SMPTE(10% rated output power)						0.01%				
DIM30(10% rated output power)						0.01%				
Crosstalk rejection(less than rated power, 20 Hz ~1 kHz)						≥90 dB				
Frequency response(10% rated output power, 8Ω, 20Hz~20 kHz)						±0.3dB				
Input impedance						20kΩ(bal), 10kΩ(unbal)				
Damping factor, 8Ω, 20Hz~200Hz)						≥5000				
S/N ratio (A weighted, 20Hz~20kHz)	≥107dB	≥109dB	≥110dB	≥112dB	≥115dB	≥107dB	≥109dB	≥110dB	≥112dB	
Power supply						90~260VAC, 50~60 Hz				
protection						Low voltage/DC output/thermal/over load protection				
Dimension (WxHxD)	483x44x370mm				483x44x465mm	483x44x370mm		483x44x465mm		
Net weight	9kg	9kg	9kg	9kg	12kg	9kg	9kg	12kg	12kg	

QX SERIES - SPECIFICATIONS



amplification

qx / dqx series

QX series digital power amplifiers

The new range of QX series digital power amplifiers, all models featuring advanced amplifier adjustment technology to give over 95% efficiency, and stable performance at high current, low impedance conditions.

Additional features include active power factor correction (PFC) and ultra reliable soft power switching power supply which will operate universally between 90-250VAC.

The QX series, are all 1U height lightweight designs, weighing less than 12kg. Both 2 and 4 channel versions are available, giving power ratings from 2550 watts per channel up to 5100 watts per channel at 4 ohms.

At 2 ohm operation, the flagship QX4-8000 will supply up to 4 x 5780 watts, making these amplifiers supply extremely high performance, and provide cost effective solutions for multiple install and rental applications, for example line array systems.



QX SERIES FEATURES

- energy saving with over **95% efficiency**
- power factor correction (**PFC**)
- universal **90-250V** power supply
- 2 and 4 channel** models
- reliable and efficient operation at **2 ohm** loads
- variable speed **fan cooling**
- internally **modular** design for quick maintenance

QX SERIES FUNCTION

- stereo/parallel/bridge mode
- multiple gain modes
- output limiter
- balanced XLR inputs
- 32A mains power input socket
- thermal, overload, DC protection
- thermal, fault and limiter indicators

SPECIFICATIONS QX series

	QX2 1300	QX2 2000	QX2 3000	QX2 4000	QX2 6000	QX4 2600	QX4 4000	QX4 6000	QX4 8000	
Rated power(THD=1%, continuous sine 1kHz, each channel working simultaneously)	8Ω/stereo	2x650W	2x1000W	2x1500W	2x2000W	2x3000W	4x650W	4x1000W	4x1500W	4x2000W
	4Ω/stereo	2x1100W	2x1700W	2x2550W	2x3400W	2x5100W	4x1100W	4x1700W	4x2550W	4x3400W
	2Ω/stereo	2x1870W	2x2890W	2x3570W	2x4760W	2x7140W	4x1870W	4x2890W	4x3570W	4x4760W
	16Ω/bridge	1x1300W	1x2000W	1x3000W	1x4000W	1x6000W	2x1300W	2x2000W	2x3000W	2x4000W
	8Ω/bridge	1x2200W	1x3400W	1x5100W	1x6800W	1x10200W	2x2200W	2x3400W	2x5100W	2x6800W
	4Ω/bridge	1x3740W	1x5780W	1x7140W	1x9520W	1x14280W	2x3740W	2x5780W	2x7140W	2x9520W
RMS output voltage (THD=1%,1kHz)	72.1V	89.4V	109.5V	126.5V	154.9V	72.1V	89.4V	109.5V	126.5V	
Slope(1kHz, bypass LPF)	50V/us									
Input sensitivity (rated output power, 1kHz)	Option: 38dB, 35dB, 32dB, 29dB									
THD+N (10% rated output power)	0.01%									
IMD-SMPTE(10% rated output power)	0.01%									
DIM30(10% rated output power)	0.01%									
Crosstalk rejection(less than rated power, 20 Hz ~1 kHz)	≥90 dB									
Frequency response(10% rated output power, 8Ω, 20Hz~20 kHz)	±0.2dB									
Input impedance	20kΩ(bal), 10kΩ(unbal)									
Damping factor, 8Ω, 20Hz~200Hz)	≥300									
S/N ratio (A weighted, 20Hz~20kHz)	≥108dB	≥109dB	≥110dB	≥112dB	≥115dB	≥108dB	≥109dB	≥110dB	≥112dB	
Power supply	90~260VAC, 50~60 Hz									
protection	Low voltage/DC output/thermal/over load protection									
Dimension (W×H×D)	483×44×370mm				483×44×465mm	483×44×370mm		483×44×465mm		
Net weight	9kg	9kg	9kg	9kg	12kg	9kg	9kg	12kg	12kg	

QX SERIES - SPECIFICATIONS

HX series digital power amplifiers

We are introducing new ranges of digital power amplifiers to our product offering. The HX series, are our ultra lightweight, compact yet high performance models.

All models feature comprehensive protection and status indicators, and are available in 2 and 4 channel variants offering from 2 x 225 watts at 4 ohms up to 4 x 765 watts.

The HX series are all 1U size, with power factor correction (PFC), universal power supplies which will operate between 90-250VAC, and will perform at loads down to 2 ohms.

For demanding installation, conference, entertainment and smaller touring and rental applications the new HX series will supply the performance, power and reliability you need in a compact, affordable package.



HX SERIES FEATURES

- energy saving design with high **efficiency**
- power factor correction (**PFC**)
- universal **90-250V** power supply
- 2 and 4 channel** models
- reliable and efficient operation at **2 ohm** loads
- variable speed **fan cooling**
- status and protection indicators

HX SERIES FUNCTION

- stereo/parallel/bridge mode
- multiple gain modes
- output limiter
- balanced XLR inputs
- professional speaker connectors
- thermal, overload, DC protection
- thermal, fault and limiter indicators

SPECIFICATIONS HX SERIES

	HX2-300	HX2-500	HX2-700	HX2-900	HX4-600	HX4-1000	HX4-1400	HX4-1800	
Rated power(EIAJ THD=1%,1kHz, 2 CH working simultaneously)	8Ω/ stereo	2x150W	2x250W	2x350W	2x450W	4x150W	4x250W	4x350W	4x450W
	4Ω/ stereo	2x255W	2x425W	2x595W	2x765W	4x255W	4x425W	4x595W	4x765W
	2Ω/ stereo	2x435W	2x725W	2x1015W	2x1300W	4x435W	4x725W	4x1015W	4x1300W
	16Ω/ bridged	300W	500W	700W	900W	2x300W	2x500W	2x700W	2x900W
	8Ω/ bridged	510W	850W	1190W	1530W	2x510W	2x850W	2x1190W	2x1530W
	4Ω/ bridged	870W	1450W	2030W	2600W	2x870W	2x1450W	2x2030W	2x2600W
RMS output voltage(THD=1%,1kHz)	34.6V	44.7V	52.9V	60.0V	34.6V	44.7V	52.9V	60.0V	
Voltage gain	30.8dB	33.0 dB	34.5 dB	35.6 dB	30.8dB	33.0 dB	34.5 dB	35.6 dB	
Slope(1kHz, bypass LPF)	50V/us				50V/us				
Input sensitivity(rated output power, 1kHz)	1Vrms				1Vrms				
THD+N (10% rated output power,)	0.02%	0.02%	0.02%	0.02%	0.02%	0.02%	0.02%	0.02%	
IMD-SMPTE(10% rated output power,)	0.05%	0.05%	0.05%	0.05%	0.05%	0.05%	0.05%	0.05%	
DIM30(10% rated output power,)	0.05%	0.05%	0.05%	0.05%	0.05%	0.05%	0.05%	0.05%	
Crosstalk rejection (less than rated power, 20 Hz -1 kHz)	≥80 dB				≥80 dB				
Frequency response(10% rated output power, 8Ω, 20Hz - 20 kHz)	±0.2dB				±0.2dB				
Input impedance	20kΩ(bal), 10kΩ(unbal)				20kΩ(bal), 10kΩ(unbal)				
Damping factor(8Ω, 20 Hz -100 Hz)	≥300				≥300				
S/N ratio (A weighted, 20Hz-20kHz)	≥105dB				≥105dB				
Power supply	90-260VAC, 50/60 Hz				90-260VAC, 50/60 Hz				
protection	over load/thermal/DC output protection				over load/thermal/DC output protection				
dimension(W×H×D)	483×44×323mm				483×44×323mm				
Net weight	5.0kg				5.7kg				

HX SERIES - SPECIFICATIONS

hx series

AX2

POWER AMPLIFIER

There are three models in the AX series of amplifiers, all offering you professional quality and high power in a compact 2-rack space package.

As well as Hi Pass filters, stereo crossovers and twin cooling fans, their biggest asset is their sound. For three decades, Studiomaster has been building superb amplifiers. What has always set them apart from others is their exceptional sound quality. The AX continues this tradition... you can concentrate on the performance, with no need to worry about the amps!

The AX amplifiers are perfect for stereo or bridged mono application and with the onboard two way crossover, will suit virtually any application. The crossover frequency can be set at either 100Hz or 150Hz. Each channel can be assigned to the high, or low, frequency signal. The output from each crossover is also available on 1/4" jack sockets to connect more amplifiers.



- Compact size with up to 2900 watts in just 2 rack spaces
- Flexible 2 way active crossover built in
- 35Hz hi-pass filters
- Twin variable speed fan cooling
- Comprehensive status LEDs to monitor your amps performance
- Designed for continuous operation down to 2 ohms
- Three different modes of operation
- High durability, fully ventilated chassis

AX2 15 2 x 450W 2U POWER AMPLIFIER

AX2 25 2 x 750W 2U POWER AMPLIFIER

AX2 35 2 x 1100W 2U POWER AMPLIFIER

professional inputs and efficient cooling



built in active crossover

SPECIFICATIONS AX2

Output power per channel	AX215	AX225	AX235	Cooling Protection	Output circuit type
Both channel @ 8 ohms RMS	270 watts	450 watts	710 watts	Twin variable speed fans. Back to front airflow Full short circuit, open circuit, thermal, ultrasonic and RF protection. Stable into mismatched or reactive loads	AX215 : AB AX225 : AB+H(2) AX235 : AB+H(3)
Both channel @ 4 ohms RMS	450 watts	750 watts	1100 watts		
Both channel @ 2 ohms RMS	575 watts	990 watts	1450 watts		
Bridged @ 8 ohms RMS	900 watts	1500 watts	2200 watts	Power requirements	230V +/-10% 50/60Hz
Bridged @ 4 ohms RMS	1150 watts	1950 watts	2900 watts	Power consumption @ 230V 1/3power pink noise	AX215 : 4.6A AX225 : 7A AX235 : 8.2A
Input sensitivity	rated power 4 ohm	0dBu 0.775V		Connections	Input Output
Distortion THD	1kHz @ rated power	AX215/AX225 : 0.01% AX235 : 0.02%			Combination XLR and jack, Male XLR link socket 4 pole industry standard sockets
Frequency response	20Hz - 20kHz	+0 / -0.5dB		Size (WxHxD)	All models
Signal to noise ratio	rated power 4 ohm	100dB unweighted		Weight (net/shipping)	AX215
Input filter	3rd order 18dB/oct	35Hz			AX225
Crossover		Selectable 100 / 150Hz 3rd order filter			AX235

SX2

POWER AMPLIFIER

The SX2 range are rugged light weight amplifiers capable of producing quality sound at all power levels. There are three models in the range, all occupy only 2 rack spaces and are forced cooled via a thermally controlled fan.

There are 3 modes of operation available stereo, mono or bridged and the input sensitivity can be trimmed by +/-3dB for system matching. The inputs use combined XLR and jack socket combination connectors with a separate link socket to feed additional amplifiers. The outputs use industry standard four pole connectors with binding posts giving total flexibility. Front panel status LEDs provide visual indication of signal levels, BRIDGED mode and POWER.

The two large level controls aid precise volume setting and the durable black finished steel cabinet can handle life on the road. With the highest powered model (SX245) weighing only 16.4kg the SX range price/performance ratio is the only choice!



- Choice of three 2U lightweight models up to 3600 watts
- High efficiency Class AB with 2 step Class H amplifiers
- Sturdy steel construction
- Lightweight, between 12.8kg and 16.4kg for the SX2 45
- Full protection with variable speed fan cooling

SX2 25 2 x 800W 2U POWER AMPLIFIER

SX2 35 2 x 1000W 2U POWER AMPLIFIER

SX2 45 2 x 1800W 2U POWER AMPLIFIER



SPECIFICATIONS SX2

Output power per channel	SX225	SX235	SX245	Cooling Protection	Output circuit type
Both channel @ 8 ohms RMS	450 watts	580 watts	1100 watts	Variable speed fan Full short circuit, open circuit, thermal, RF	Class AB + Class H 2 step high efficiency output
Both channel @ 4 ohms RMS	800 watts	1000 watts	1800 watts		
Bridged @ 8 ohms RMS	1600 watts	2000 watts	3600 watts		
Input sensitivity	rated power 4 ohm	0dBu 0.775V		Power requirements	110V or 230V +/-10% 50/60Hz
Distortion THD	1kHz @ rated power	0.03%		Power consumption @ 230V 1/3power pink noise	SX225 : 6.9A SX235 : 7.9A SX245 : 14.9A
Frequency response	+0 / -1dB	10-31kHz	10-31kHz	Power consumption @ 230V 1/8power pink noise	SX225 : 3.4A SX235 : 4.7A SX245 : 8.7A
Signal to noise ratio	unweighted	95dB	95dB	Connections	Input Output
Crosstalk	ref 1kHz	80dB	100dB		Combination XLR, Male XLR link socket 4 pole industry standard sockets & binding posts
Input impedance		10k ohm unbal, 20k ohm balanced		Size (WxHxD)	All models
Damping factor		250		Weight (net/shipping)	SX225
Voltage gain		37dB	40dB		SX235
Input filter					SX245
Input modes	switchable	35Hz			
		Stereo, parallel and bridged			



SPEAKER CABINETS

TOWER

COMPACT COLUMN SPEAKER SYSTEMS

The Tower column speaker system, is a highly developed compact column line array system. Available in several different configurations from the ultra compact 6x2" array with a 12" sub, to a high power 6x3" array paired with a 12" sub cabinet.

The MHF column speakers are passive, with all amplification in the sub cabinets. The subs have multi-channel amplifiers, with DSP speaker processing technology built-in, so you will be able to tune your speaker to the perfect sound, whatever venue you are performing.



SPECIFICATION	TOWER 6
Transducer	6 x 3" ferrite driver
Frequency response(-10dB)	130Hz - 20kHz
Rated power	120W
Sensitivity	95dB
Maximum SPL	123dB
Nominal impedance	12 ohms
Dispersion angle	100 x 20 degrees
Connection	2 x phoenix, 2 x 4pole connection
Optional accessories	Speaker poles and mounting brackets
Dimension(WxHxD)	124mm x 549mm x 152mm
Weight	6.5kg

SPECIFICATION	TOWER 8
Transducer	8 x 2" neodymium driver
Frequency response	160Hz - 18kHz
Rated power	120W
Sensitivity	92dB
Maximum SPL	118dB
Nominal impedance	8 ohms
Dispersion angle	100 x 15 degrees
Connection	1 x phoenix, 2 x 6.3mm jack
Optional accessories	Speaker poles and mounting brackets
Dimension(WxHxD)	68mm x 608mm x 78mm
Weight	2.7kg



tower series



TOWER 12/12S/TOWER1216D



TOWER 12 rear

SPECIFICATION	TOWER 12	TOWER 12S
Transducer	1 x 12" ferrite driver	1 x 12" ferrite driver
Frequency response (-10dB)	45Hz - 180Hz	45Hz - 180Hz
Rated power	350W	350W
Sensitivity	0dBu	95dB
Maximum SPL	124dB	124dB
Nominal impedance	8 ohms	8 ohms
Power output (RMS)	SUBWOOFER: 900W + FULL RANGE: 2x 350W (8ohms)	
DSP / Connections	2 x XLR LINE IN +1x XLR AUX OUT 3 x 4-pole speaker connections	2 x 4-pole speaker connections
Power supply	220V-230V/50-60Hz	/
Dimension(WxHxD)	376mm x 453mm x 458mm	376mm x 453mm x 458mm
Weight	25kg	20kg

TOWER

1216D COMPACT DIGITAL COLUMN SYSTEM



SPECIFICATIONS TOWER 1216D

SUB SPEAKER / AMPLIFIER

Speaker	1 x 12" ferrite woofer
Frequency response	45Hz - 180Hz
Sensitivity	95dB
Maximum SPL	124dB
Nominal impedance	8 ohms
Rated power	350W
Dimension(WxHxD)	376x453x458mm
Weight	25kg

DIGITAL MIXER

	Channels	Description
MIC Input	12	8 x XLR / 4 x COMBO XLR / JACK
LINE Input	2 (Stereo)	two 6.35mm stereo Jacks, one 3.5mm stereo Jack in parallel with one stereo channel

Master output	2 Left/Right balanced XLR
Smart Outputs	6 assignable balanced XLR

Internal busses	16
Stereo Monitor	1 TRS Jack output
Headphone	1 TRS Jack output

Operating System	Android system
Sample Frequency	48 KHz
AD/DA	192KHz, 24-bit
DSP	40-bit float point, SHARC processor
iPad Remote control	Yes

Effects up to 8 assignable effect modules (reverb, modulation, delay, 15 bands GEQ)

Digital input/outputs	
AES/EBU	Output (XLR)
S/PDIF	Input / Output (RCA phono)
USB Interface	2 for playback/recording, scene storage and system updates
Remote	yes via WIFI external module

The unique Studiomaster Tower 1216D is the first portable column speaker system to include a fully fledged digital mixing system.

Based on the new Digilive 16RS digital mixer, the unit features 4th generation SHARC floating point processing, 24 bit/192 kHz AD/DA converter, built-in programs (DSP, reverb, delay, modulation and EQ and GEQ) 12 professional mic inputs and 4 line inputs, professional S/PDIF digital signal in/out connectors, 16 internal busses including 8 user-defined analogue smart outputs (2 for column and 6 for monitors and / or recording or submixing applications) plus AES/EBU output connectors, USB for playing / recording / scene saving and a wireless connection.

The user can control the full operation of the digital column speaker system via the built in 7" touchscreen or via the ios app, allowing a complete and simple set-up to be achieved from anywhere in your venue.

The configuration of the column speakers can be chosen with any one of our configured set-ups. Whether it is one sub or two, or a choice of 6 x 3" or 8 x 2" ultra compact speaker arrays.

This is a high power versatile system, ideal for a performances where high quality and high power is required, and space and weight restrictions mean you need an ultra compact system.



TOWER 1216D



TOWER SYSTEM1
1 x TOWER 12
2 x TOWER 8
2 x STANDS, 1 x CABLE SET

TOWER SYSTEM2
1 x TOWER 12, 1 x TOWER 12S
2 x TOWER 8
2 x SPEAKER POLES, 1 x CABLE SET

TOWER 1216D SYSTEM4
1 x TOWER 1216D, 1 x TOWER 12
2 x TOWER 8, 2 x POLES
1 x MIXER STAND, 1 x CABLE SET



TOWER SYSTEM3
1 x TOWER 12
2 x TOWER 6
2 x STANDS, 1 x CABLE SET

TOWER SYSTEM4
1 x TOWER 12, 1 x TOWER 12S
2 x TOWER 6
2 x SPEAKER POLES, 1 x CABLE SET

TOWER 1216D SYSTEM3
1 x TOWER 1216D, 1 x TOWER 12
2 x TOWER 6, 2 x POLES
1 x MIXER STAND, 1 x CABLE SET

Optional wheeled flightcase to take complete system is available.

LIVESYS5/S

COMPACT PA / MONITOR SYSTEM

Hugely versatile multi purpose active 150 watt speaker cabinet. Perfect for live events, conferences, and small performances.

With the features and flexibility included on this model, the LIVESYS5 is also perfect to act as a monitor speaker for vocalist, keyboard and drum performers.

LIVESYS5S with a hugely versatile MP3/USB playback and recording system, with Bluetooth playback facility included.



MP3 Player / Bluetooth



SPECIFICATIONS

Model	LIVESYS5	LIVESYS5S
Type	5inch active monitor speaker	5inch active monitor speaker
Frequency response	60Hz -18kHz (-10dB) 90Hz -13kHz (-3dB)	60Hz -18kHz (-10dB) 90Hz -13kHz (-3dB)
Power Handling	150W(continuous) 300W(peak)	150W(continuous) 300W(peak)
Max SPL(1m)	115dB	115dB
Audio inputs		
3.5mm mini jacks	-10dBu to +4dBu	-10dBu to +4dBu
RCA jacks	-10dBu to +4dBu	-10dBu to +4dBu
XLR/TRS combo jacks	-40dBu to +4dBu	-40dBu to +4dBu
Phantom power	+48V switchable	+48V switchable
Power supply	100V-240V, 50/60Hz	100V-240V, 50/60Hz

EQ	LIVESYS5	LIVESYS5S
high	>12KHz ±15dB	>12KHz ±15dB
mid	2.5kHz±15dB	2.5kHz±15dB
low	80Hz±15dB	80Hz±15dB
USB/BLUETOOTH/REC	NO	YES
Dimension(W*H*D)	290x210x175mm	290x210x175mm
Weight	3.3kg	3.3kg



- Ultra low noise 3 channel mixer
- 2 mic/line channels, 1 line channel
- LIVESYS5 with 3-band EQ
- LIVESYS5S with 2-band EQ
- Built in effect
- 150 watt CLASS D amplification
- Light weight only 3.3kg
- Microphone stand mounting system



LIVESYS 10

PORTABLE PA SYSTEM

This is a portable multi-function system which consists of two plastic loudspeakers and a 10 channel powered mixer and two wireless microphones. When used with the speaker stands, it is very suitable for the applications, such as salon, party, band performance, outdoors activity and conference reinforcement, etc.

FEATURES:

- > Two way 10 inch plastic loudspeaker features excellent tone, light weight, constant directivity HF horn. The loudspeaker can be used as main loudspeaker or stage monitor.
- > The powered mixer has 10 channel inputs (4 mono mic/line inputs+6 mono/3 stereo line inputs), EQ, DSP, feedback compressor and power amplifier for convenient application.
- > Class D power amplifier with high efficiency and low distortion and splendid tone.
- > Universal 100V~240V switch mode power supply
- > Ipad/Iphone USB port to connect with cell phone
- > The master output of mixer boosts LF.
- > High resolution DSP with 16 programs and effect depth.
- > 3 band EQ to fix tone freely.
- > High impedance instrument input
- > Aux and sub outputs
- > Footswitch control
- > WIFI input
- > Quick set up of the mixer



LIVESYS10 MICS : 2.4GHz Digital wireless MIC

This compact USB receiver (2.4G universal frequency band) supports plug & play application. The USB interface offers power supply and delivers audio output. The receiver matches frequency for operation and is suitable for PA system wireless microphone of our company. Compared with the built-in mechanical design, it reduces the interference. (The other mode) When it is connected with USB device, two microphones can share this receiver. This product is suitable for recording, teaching, etc.

SPECIFICATIONS LIVESYS 10

Type	10" two way active speaker cabinet system	Mixer	
Frequency response	70Hz~20kHz(±3dB) 60Hz~20kHz(-10dB)	Mic gain	-50dB(bal)
Sensitivity(1m/1W)	94dB	Line gain	-18dB
Max SPL(@1m)	122dB	Mic in impedance	MIC1/2 1.2k Ohms-MIC3/4 3k Ohms
Speaker cabinet		Line in impedance	Line5/10 10k Ohms
Rated impedance	4Ω	MIC/ST CH EQ	
Power	200Wx2	LF	±15dB ±3dB,100Hz
LF speaker cabinet	1X10" woofer/50mm voice coil/200W	MF	±15dB ±3dB,2.7kHz
HF driver	1X 34mm HF driver/34mm voice coil /30W	HF	±15dB ±3dB,10kHz
Coverage(H*V)	90° x 60°	Amp out power	2x250W (THD<1%, 4 Ω@1kHz)
Crossover	2.5kHz	THD	≤0.3%(1kHz,90W)
Connector	JACK	Frequency response	20Hz~20kHz ± 3dB(1W, 4 Ω)
Speaker cabinet dimension (W*H*D)	348x557x330(mm)	Rated voltage	AC 100V~240V/50Hz
Speaker system net weight	32kg		

Model	LS10 MIC
Operation voltage	TX:+3.3V DC RX:+5V DC
Supply current	TX: 100mA RX: 55mA
(Codec not Included)	
RF Frequency	2400 ~ 2483MHz
Modulation	GFSK
Data rate	2M bps
TX Power	+18dBm
RX Sensitivity	-92dBm
RF Range (indoor)	30m
Frequency Response	20~20kHz
S/N	85dB @ 20~20kHz
THD+N	< 0.01% @ 20~20kHz
Dynamic range	80dB

GX

ACTIVE & PASSIVE

The GX range sets a new standard in loudspeaker performance, portability and cost. The range comprises 10 models, 5 active (powered) and 5 passive (unpowered).

Both types feature 10", 12" & 15" full range cabinets and a 12" & 15" stage monitor. The strong trapezoidal shaped wooden cabinets are black carpet covered to give a stylish, durable finish while keeping weight to a minimum. All full range cabinets contain a 35mm speaker pole socket for stand mounting and all models have tough slotted handles, making transportation easy.

The passive cabinets have a pair of industry standard 4 pole speaker connectors for reliable operation and the flexibility to connect to additional cabinets.

The active range (denoted by the 'A' suffix in the model name) use a reliable on board bipolar amplifier matched to the custom designed loudspeaker components producing high quality sound at all volume levels. The comprehensive preamplifier section caters for just about any application:

Input one is microphone level with its own gain control and a choice of xlr or jack socket connectors.

Input two is for line level equipment (MP3/CD/keyboard, external mixer etc) with balanced XLR & RCA phono connectors and a level control. A line output facility has a level control and balanced XLR & jack connectors. This is ideal for linking to additional active cabinets or connecting to a recording device.

The three band EQ comprises HI, MID and LO controls

Finally the master level control lets you set the volume of the GX with a PEAK led showing when signals are getting too hot!
An unusual feature of the active GX range is the ability to power an extra passive GX cabinet. This doubles the flexibility of the system letting you scale your PA to the venue size or adding additional speakers as and when funds are available increasing overall power.

So, for example, your PA could start with just a pair of GX15A active cabinets. When you start playing bigger gigs buy a pair of GX15 passive cabinets and power them from the GX15As.



GX Active Models Rear Panel



- GX10A / GX10 2 WAY 10" ACTIVE/PASSIVE**
- GX12A / GX12 2 WAY 12" ACTIVE/PASSIVE**
- GX15A / GX15 2 WAY 15" ACTIVE/PASSIVE**
- GX12MA / GX12M 12" MONITOR ACTIVE/PASSIVE**
- GX15MA / GX15M 15" MONITOR ACTIVE/PASSIVE**

- Low cost full range speaker system
- GX10/12 and 15 designed as useful trapezoidal enclosures
- Comprehensive onboard mixer on active models
- Durable carpet covered enclosures
- Active models feature balanced mic and line inputs

SPECIFICATION	GX10A	GX12A	GX15A	GX12MA	GX15MA
Active Models	2 Way 10"	2 Way 12"	2 Way 15"	12" Monitor	15" Monitor
Output Power Program	70W	140W	170W	140W	170W
With Extension Speaker	100W	200W	250W	200W	250W
Profile	Trapezoidal	Trapezoidal	Trapezoidal	30° Wedge	32° Wedge
Frequency response	80Hz-18kHz	60Hz-18kHz	40Hz-18kHz	60Hz-18kHz	40Hz-18kHz
Maximum SPL	120dB	124 dB	126dB	124dB	126dB
Crossover frequency	4kHz	4kHz	3kHz	4kHz	3kHz
Low frequency driver	10" Cast Chassis	12" Cast Chassis	15" Cast Chassis	12" Cast Chassis	15" Cast Chassis
High frequency driver	piezo	piezo	1.35" driver	piezo	1.35" driver
Coverage (H x V)	90 x 60 degree	90 x 60 degree	90 x 60 degree	90 x 60 degree	90 x 60 degree
HIGH EQ (±15dB)	10kHz	10kHz	10kHz	10kHz	10kHz
MID EQ (±12dB)	2.5kHz	2.5kHz	2.5kHz	2.5kHz	2.5kHz
LOW EQ (±15dB)	100Hz	100Hz	100Hz	100Hz	100Hz
Connectors		Balanced XLR + Jack			
MIC Input		Balanced XLR, Unbalanced RCA Phono			
LINE Input		1 x 4 pole industry stand sockets			
Extension speaker Output	✓		✓		X
35mm Pole Socket					
Power Requirements		230V Model: ±10% ~50/60Hz	115V Model: ±10% ~50/60Hz		
Size					
Width	350mm(13.8")	390mm(15.4")	470mm(18.5")	400mm(15.7")	680mm(26.8")
Height	520mm(20.5")	570mm(22.4")	710mm(28")	530mm(20.9")	470mm(18.5")
Depth	260mm(10.2")	290mm(11.4")	350mm(13.8")	370mm(14.6")	350mm(13.8")
Weight					
Net	13kg(28.6lb)	16kg(44lb)	21kg(57.2lb)	16kg(44lb)	21kg(57.2lb)
Shipping	11.5kg(31.9lb)	17.5kg(47.3lb)	23kg(61.6lb)	17.5kg(47.3lb)	23kg(61.6lb)

SPECIFICATION	GX10	GX12	GX15	GX12M	GX15M
Passive Models	2 Way 10"	2 Way 12"	2 Way 15"	12" Monitor	15" Monitor
Power Handling	150W(continuous)600W(Peak)	200W(continuous)800W(Peak)	250W(continuous)1000W(Peak)	200W(continuous)800W(Peak)	250W(continuous)1000W(Peak)
Nominal Impedance	8 ohm	8 ohm	8 ohm	8 ohm	8 ohm
Profile	Trapezoidal	Trapezoidal	Trapezoidal	30° Wedge	32° Wedge
Frequency response	80Hz-18kHz	60Hz-18kHz	40Hz-18kHz	60Hz-18kHz	40Hz-18kHz
Maximum SPL	95dB	97dB	98dB	97dB	98dB
Crossover frequency	4kHz	4kHz	3kHz	4kHz	3kHz
Low frequency driver	10" Cast Chassis	12" Cast Chassis	15" Cast Chassis	12" Cast Chassis	15" Cast Chassis
High frequency driver	piezo	piezo	1.35" driver	piezo	1.35" driver
Coverage (H x V)	90 x 60 degree	90 x 60 degree	90 x 60 degree	90 x 60 degree	90 x 60 degree
35mm Pole Socket	✓	✓	✓	✓	X
Connection (parallel wired)	2 x 4 pole industry stand sockets				
Size					
Width (max)	350mm(13.8")	390mm(15.4")	470mm(18.5")	400mm(15.7")	680mm(26.8")
Height	520mm(20.5")	570mm(22.4")	710mm(28")	530mm(20.9")	470mm(18.5")
Depth	260mm(10.2")	290mm(11.4")	350mm(13.8")	370mm(14.6")	350mm(13.8")
Weight					
Net	10kg(22lb)	16kg(35.2lb)	21kg(46.2lb)	16kg(35.2lb)	21kg(46.2lb)
Shipping	11.5kg(25.3lb)	17.5kg(38.5lb)	23kg(50.6lb)	17.5kg(38.5lb)	23kg(50.6lb)

bDRIVE

10" ACTIVE & PASSIVE INJECTION MOULDED

The bDRIVE series offer increased power and SPL and reliable Class D amplifiers.

The bDRIVE series, available in 10", and in both active and passive configurations. The specification and quality of these models is putting these new units at the front of the queue for touch, affordable, great sounding moulded cabinets.

The 10A/10AU active models features 3 band EQ, mic/line input connections on XLR and Jack, gain and level controls and a LINK facility to connect through to multiple cabinets from one signal source.

The 10AP model features twin inputs and adjustable tone settings, 3 band EQ, limiter and delay. Perfect for multiple venue setups.

The new Class D amplifiers in these models has been designed to deliver high power and a clean sound at all power levels.

- 10" model available in either active or passive variants
- Lightweight, high powered components
- AU model with built-in USB/SD card player/record and Bluetooth playback
- AP model with built-in DSP featuring 2 inputs, tone, EQ, limiter and delay
- CLASS D amplification in active models
- 1" throat compression drivers
- High quality durable injection moulded cabinet

bDRIVE 10AP 10" ACTIVE 500W (250W RMS) + DSP

bDRIVE 10AU 10" ACTIVE 500W (250W RMS) + MEDIA REC/PLAYER

bDRIVE 10A 10" ACTIVE 500W (250W RMS)

bDRIVE 10 10" PASSIVE 500W (250W RMS)



DRIVE

12&15" ACTIVE & PASSIVE INJECTION MOULDED

New to the Studiomaster range, is a low cost yet still high performance version of our premium specification and performance XPX series cabinets. Designed as a direct replacement to the hugely successful VPX series, the DRIVE series offer increased power and SPL, reliable Class D amplifiers.

The new DRIVE series, available in 12" and 15" variants, and in both active and passive configurations. Offering up to 1200 watts (peak) in the 15" passive model, the specification and quality of these models is putting these new units at the front of the queue for touch, affordable, great sounding moulded cabinets.

All models come in a great looking high quality injection moulded cabinet, with the additional benefits of 35mm speaker pole connectors, and multiple M10 flying points, and large, easy to grip carry handles.

The active models feature 3 band EQ, mic/line input connections on XLR and Jack, gain and level controls and a LINK facility to connect through to multiple cabinets from one signal source. The new Class D amplifiers in these models has been designed to deliver high power and a clean sound at all power levels.

The passive 12" and 15" are fitted with high performance components, to deliver the 500 / 600 watts of program power respectively.



bdrive / drive series

- 12" and 15" models available in either active or passive variants
- Lightweight, high powered components
- AU model with built-in USB/SD card player/record and Bluetooth playback
- 310W RMS, CLASS D amplification in active models
- Up to 1200W peak (300W RMS), high power output on passive models
- 1" throat compression drivers
- High quality durable injection moulded cabinet

DRIVE 12AU 12" ACTIVE 620W (310W RMS) + MEDIA REC/PLAYER

DRIVE 15AU 15" ACTIVE 620W (310W RMS) + MEDIA REC/PLAYER

DRIVE 12A 12" ACTIVE 620W (310W RMS)

DRIVE 15A 15" ACTIVE 620W (310W RMS)

DRIVE 12 12" PASSIVE 500W (250W RMS)

DRIVE 15 15" PASSIVE 600W (300W RMS)

SPECIFICATION	bDRIVE 10A/10AU/10AP(Active)	bDRIVE 10(Passive)
Type	10"two way active full range cabinet	10"two way passive full range cabinet
Frequency response(-10dB)	60Hz-20KHz	60Hz-20KHz
Input Sensitivity (line)	0dBu	Sensitivity (1m/1w) : 94dB
Input Sensitivity (mic)	-36dBu	
Max SPL(dB)	121dB	123dB
AMP power	500W (PGM) 250W (RMS) / 200W (LF)+50W (HF)	250W(RMS Continuous), 500W(PGM), 1000W(Peak)
LF	10"woofer/50mm voice coil	10"woofer/50mm voice coil
HF	34mm compression driver/1"throat	34mm compression driver/1"throat
Coverage(HxV)	90° x60°	90° x60°
Crossover	2.5KHz	2.5KHz
Input connector	JACK/XLR	JACK/XLR
Input voltage	115V / 230V	115V / 230V
Hanging system	2xM10 hanging points	2xM10 hanging points
Dimension(WxHxD)	335x545x319 (mm)	335x545x319 (mm)
Weight	14Kg	13Kg





DRIVE 15" ACTIVE SUB BASS CABINET



Complementing the comprehensive DRIVE range is the 15" active sub bass cabinets.

The new 15" sub bass cabinets are constructed of 15mm plywood, and have a durable spatter paint finish.

A 35mm top-hat connection is fitted to allow simple fitting of a DRIVE top cabinet using a straight 35mm pole.

The amplifier module is a lightweight high power CLASS D amplifier with a large 450 watts RMS power.

Rear panel features balanced XLR inputs, with XLR link outputs and a further pair of filtered outputs, so you can connect the sub into many different configurations.

The 15SA is perfectly paired and tuned to work with the DRIVE 12 / 12A passive and active full range lightweight cabinets.

drive / drive sub series

SPECIFICATION (Active)	DRIVE 12A / 12AU	DRIVE 15A / 15AU
Type	12" two way active full range cabinet	15" two way active full range cabinet
Frequency response(-10dB)	50Hz-20KHz	45Hz-20KHz
Input Sensitivity (line)	0dBu	0dBu
Input Sensitivity (mic)	-36dBu	-36dBu
Max SPL(dB)	126dB	127dB
AMP power	620W (PGM) 310W (RMS) / 250W (LF)+60W (HF)	620W (PGM) 310W (RMS) / 250W (LF)+60W (HF)
LF	12" woofer/50mm voice coil	15" woofer/50mm voice coil
HF	34mm compression driver/1" throat	34mm compression driver/1.5" throat
Coverage(HxV)	80° x40°	80° x40°
Crossover	2.0KHz	2.0KHz
Input connector	JACK/XLR	JACK/XLR
Input voltage	115V / 230V	115V / 230V
Hanging system	5xM10 hanging points	5xM10 hanging points
Dimension(WxHxD)	390x630x360 (mm)	450x710x370 (mm)
Weight	17Kg	20.2Kg

SPECIFICATION (Passive)	DRIVE 12	DRIVE 15
Type	12" 2 way passive full range loudspeaker	15" 2 way passive full range loudspeaker
Frequency response(-10dB)	50Hz-20KHz	45Hz-20KHz
Sensitivity (1m/1w)	96dB	97dB
Impedance	8 Ω	8 Ω
Max SPL	126dB	127dB
Power handling	250W(RMS Continuous), 500W (PGM), 1000W(Peak)	300W(RMS Continuous), 600W (PGM), 1200W(Peak)
Crossover	2.0KHz	2.0KHz
LF	12" woofer/65mm voice coil/250W	15" woofer/65mm voice coil/250W
HF	34mm compression driver/1" throat/30W	34mm compression driver/1" throat/30W
Coverage(HxV)	80°x40°	80°x40°
Input connector	2x4 pole	2x4 pole
Hanging system	5xM10 hanging points	5xM10 hanging points
Dimension(WxHxD)	390x630x360 (mm)	450x710x370 (mm)
Weight	17.2Kg	20.4Kg

SPECIFICATION (active)	DRIVE 15SA
Type	Active subwoofer
Frequency Response(-10dB)	30Hz~150Hz
Sensitivity	0dBu
Maximum SPL	120dB(Peak)
Amp Power	900W (PGM) / 450W (RMS)
Input Connector	XLR
LF Unit:	15" subwoofer/ φ 75mm voice coil/350W/4 Ω
Input Voltage	100-240V 50/60Hz
Dimension(WxHxD)	475*590*550(mm)
Net Weight	25kg
Gross Weight	30kg



DRIVE AP 12&15" ACTIVE DSP PROCESSING

With the changing demands and expectations of the flexibility and quality of professional audio, we have developed series of updates to our most popular speaker cabinet lines. The inclusion of a 24 bit / 48kHz DIGITAL speaker processor into the Drive and Venture models gives us this ability to react to customer requirements.

With 4 cabinet tone settings, adjustable 3 band EQ, adjustable limiter, adjustable delay and an overall volume control, you will be able to achieve a great sound, whatever venue you are in.

The DRIVE 12AP and 15AP models also feature a higher power 400w amplifier, giving up to 129dB SPL when combined with the processor gives you a powerful yet flexible solution to your PA and monitoring needs.



DRIVE 12AP 2 WAY 12" ACTIVE WITH DSP
DRIVE 15AP 2 WAY 15" ACTIVE WITH DSP

SPECIFICATION (Active)	DRIVE 12AP	DRIVE 15AP
Type	12" two way active full range cabinet	15" two way active full range cabinet
Frequency response(-10dB)	50Hz-20KHz	45Hz-20KHz
Input Sensitivity (line)	0dBu	0dBu
Input Sensitivity (mic)	-40dBu	-40dBu
Max SPL(dB)	128dB	129dB
AMP power	800W (PGM) 400W (RMS) / 350W (LF)+50W (HF)	800W (PGM) 400W (RMS) / 350W (LF)+50W (HF)
LF	12" woofer/50mm voice coil	15" woofer/50mm voice coil
HF	34mm compression driver/1" throat	34mm compression driver/1.5" throat
Coverage(HxV)	80° x40°	80° x40°
Crossover	2.0KHz	2.0KHz
Input connector	2 x XLR/JACK combo + 1 x 3.5mm JACK	2 x XLR/JACK combo + 1 x 3.5mm JACK
Input voltage	100 - 240V	100 - 240V
Hanging system	5xM10 hanging points	5xM10 hanging points
Dimension(WxHxD)	390x630x360 (mm)	450x710x370 (mm)
Weight	17Kg	20.2Kg

VENTURE AP 12&15" + 18" SUB ACTIVE CABINETS DSP PROCESSING

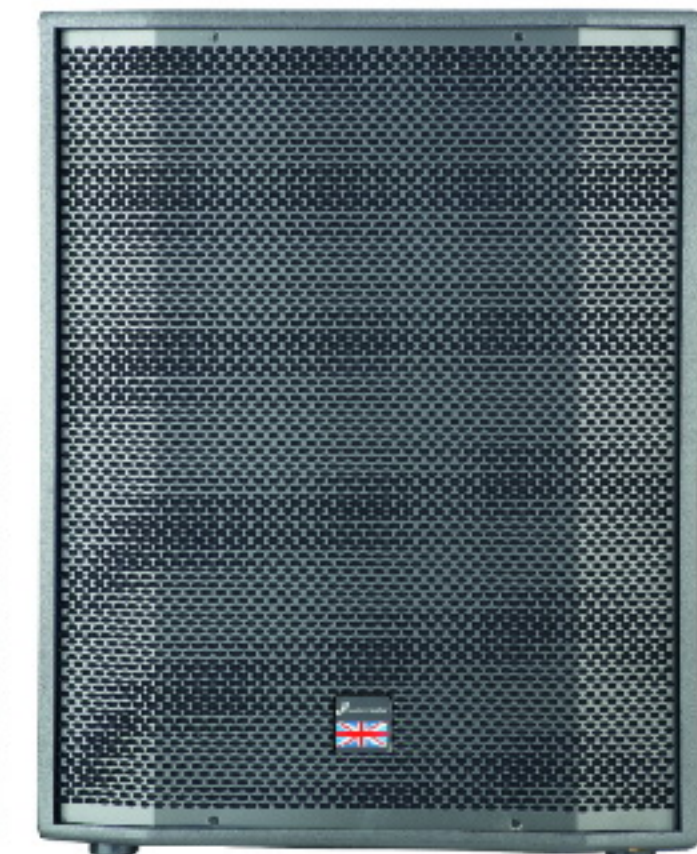
Expanding the proven design of the VENTURE series, we now have the AP models with the inclusion of a 24 bit / 48kHz DIGITAL speaker processor, and revised and tuned amplifier powers.

The comprehensive DSP features 4 cabinet tone settings, adjustable 3 band EQ, adjustable limiter, adjustable delay and an overall volume control allowing you to achieve the sound you want, whichever venue you are in.

The revised amplifier, still gives high SPL ratings but with a new efficient amplifier and power supply combination. The high quality tuned 15mm 9-ply wooden cabinets work perfectly with the new DSP and amplifier combinations, give you a superior high performance speaker cabinet.



VENTURE 12AP 2 WAY 12" ACTIVE WITH DSP
VENTURE 15AP 2 WAY 15" ACTIVE WITH DSP
VENTURE 18SAP 18" SUB ACTIVE WITH DSP



VENTURE 12AP
VENTURE 15AP
VENTURE 18SAP

drive AP / venture AP

SPECIFICATION	VENTURE 12AP	VENTURE 15AP	VENTURE 18SAP
Format	12inch two way	15inch two way	18inch subwoofer
Frequency response	60Hz -18kHz (-3dB)	55Hz -18kHz (-3dB)	45Hz -100Hz (-3dB)
Frequency range	55Hz -20kHz (-10dB)	45Hz -20kHz (-10dB)	35Hz -150Hz (-10dB)
Amplifier power, rms	LF 350W HF 50W	LF 350W HF 50W	600W
Peak system power	800W	800W	1200W
Crossover frequency	2.5kHz	2.2kHz	
Woofer	12" dia, 63.5mm voice coil, ferrite magnet	15" dia, 63.5mm voice coil, ferrite magnet	18" dia, 3" voice coil, extended bass, ferrite magnet
Compression driver	34mm voice coil, ferrite magnet	34mm voice coil, ferrite magnet	
Coverage: Horizontal x Vertical	80°x60°	80°x60°	
Max SPL	131dB	132dB	130dB
Cabinet material	15mm ply wood	15mm ply wood	15mm ply wood
Input connections	2 x XLR/JACK combo + 1 x 3.5mm JACK	2 x XLR/JACK combo + 1 x 3.5mm JACK	2 x XLR input / 2 x XLR link outputs
Fly points	13 x M10	13 x M10	None
Power requirements	100 - 240V	100 - 240V	100 - 240V
Dimension W * H * D	365x608x341 (mm)	430x704x400 (mm)	530x682x610 (mm)
Weight	18kg	22kg	35kg

VENTURE

L SERIES ACTIVE & PASSIVE

The new Venture L Series are a compact and affordable series of active/passive loudspeakers. Featuring 12 & 15 inch 2-way cabinets and a matched 18 inch sub, their power handling make them the ideal PA or stage monitor solution.

For a class leading PA system at "industry leading pricing" look no further.

VENTURE L12A / L12 2 WAY 12" ACTIVE/PASSIVE

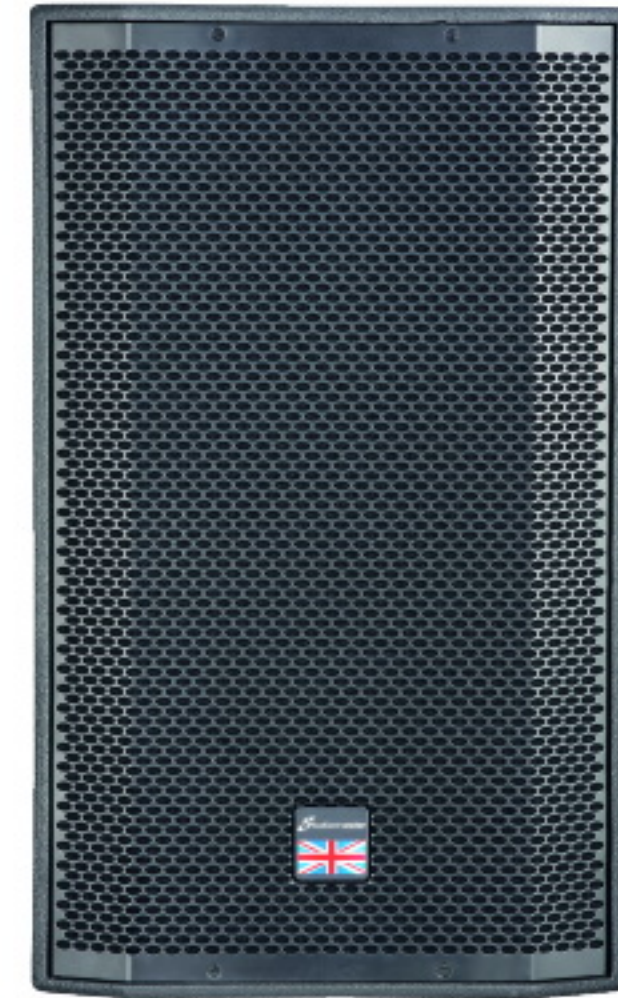
VENTURE L15A / L15 2 WAY 15" ACTIVE/PASSIVE

VENTURE L18SA / L18S 18" SUB ACTIVE/PASSIVE

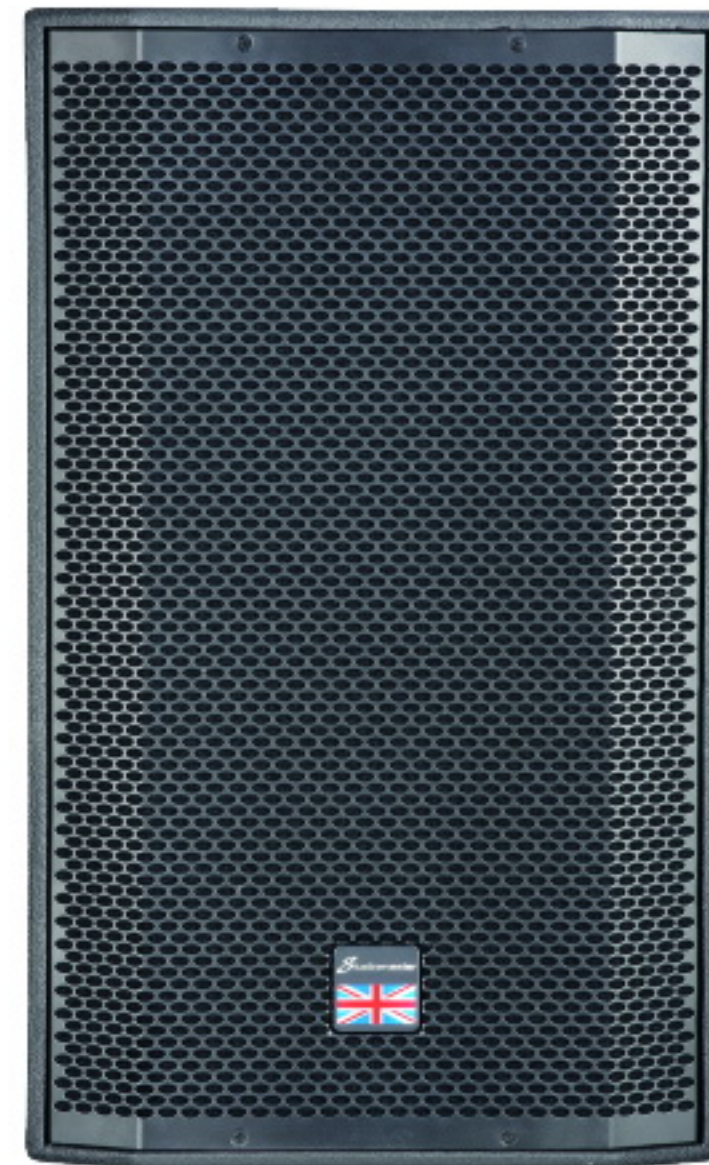


- 1000 watts of power and 18kg weight
- Class D amplification for optimal performance
- powerful high quality components
- Multiple M10 hanging points
- Industrial grade 9-ply braced cabinets

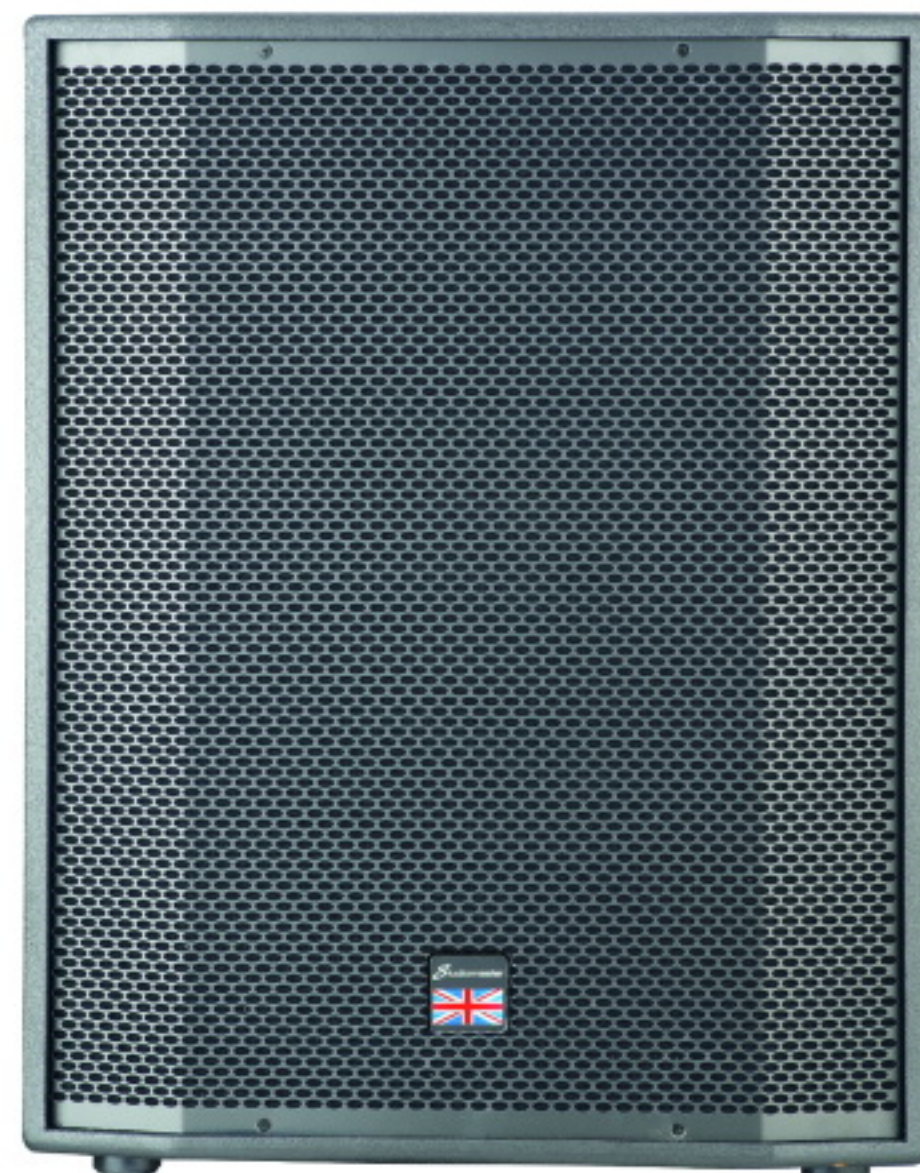
VENTURE L12



VENTURE L15



VENTURE L18S



The industrial grade 9-ply cabinets are internally braced and finished in wear-resistant black textured coating, with a steel front grille. A 60° rear bevel enables the 12 and 15 inch cabinets to also be used as stage monitors.

The Class-D active cabinets deliver a total of 600 watts rms power to the bass and HF drivers, with a peak system power rating of 1200 watts.

The resultant performance and sound quality has exceeded design expectations, with a smooth frequency response and highly accurate crossover points, and the ability to deliver that sound quality at high SPLs.



A high efficiency switch-mode power supply provides ample reserve power for the class D amplifiers, ensuring their optimum performance; the amplifiers and power supply are a high efficiency design requiring no cooling fans. The one inch HF compression drivers feature a light alloy diaphragm and copper clad aluminium voice coil.

The active cabinets feature a 2-channel rear panel mixer section; one channel with balanced XLR mic and ¼ inch jack line inputs and the other with balanced XLR and stereo phono line level inputs. An XLR LINK line level output enables connection of additional speaker cabinets. There are master level and channel level controls, and green power-on and red peak LEDs. The 18SA sub features a balanced XLR input, a 100Hz hi pass filtered XLR output (to the mid/high cab) and XLR LINK output. Pole mount and M10 fly points, and fully recessed professional carry handles are all included.

The passive cabinets feature the same high quality construction and sound performance characteristics, and are rated at 800 watts program and 1600 watts peak power handling. Neodymium magnets are used in all drivers in the passive cabinets. Connectivity is with Speakon NL4 connectors throughout.

SPECIFICATION	VENTURE L12A	VENTURE L15A	VENTURE L18SA
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Format	12inch two way	15inch two way	18inch subwoofer
Frequency response	60Hz -18kHz (-3dB)	55Hz -18kHz (-3dB)	45Hz -100Hz (-3dB)
Frequency range	55Hz -20kHz (-10dB)	45Hz -20kHz (-10dB)	35Hz -150Hz (-10dB)
Amplifier power, rms	LF 350W HF 150W	LF 350W HF 150W	350W
Peak system power	1000W	1000W	700W
Crossover frequency	1.7kHz	1.5kHz	
Woofer	12" dia, 63.5mm voice coil, ferrite magnet	15" dia, 63.5mm voice coil, ferrite magnet	18" dia, 3" voice coil, extended bass, ferrite magnet
Compression driver	34mm voice coil, ferrite magnet	34mm voice coil, ferrite magnet	
Coverage: Horizontal x Vertical	80°x60°	80°x60°	
Max SPL	125dB	126dB	124dB
Cabinet material	15mm ply wood	15mm ply wood	15mm ply wood
Input connections	2 channel, XLR, Jack	2 channel, XLR, Jack	XLR input, Link output
Fly points	13 x M10	13 x M10	None
Power requirements	230/115V ~ 50/60Hz	230/115V ~ 50/60Hz	230/115V ~ 50/60Hz
Dimension W * H * D	365x608x341 (mm)	430x704x400 (mm)	530x682x610 (mm)
Weight net/shipping	17kg / 21Kg	20.7kg / 25.6Kg	32.1kg / 38.3kg

SPECIFICATION	VENTURE L12	VENTURE L15	VENTURE L18S
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Format	12inch two way	15inch two way	18inch sub
Frequency response	60Hz -18kHz (-3dB)	55Hz -18kHz (-3dB)	45Hz -100Hz (-3dB)
Frequency range	55Hz -20kHz (-10dB)	45Hz -20kHz (-10dB)	35Hz -150Hz (-10dB)
Sensitivity 1W/1m	95 dB	96 dB	96 dB
Impedance	8 Ω	8 Ω	8 Ω
Power: Continuous, Program, Peak	200W, 400W, 800W	200W, 400W, 800W	400W, 800W, 1600W
Crossover frequency	2.2kHz	2kHz	
Woofer	12" dia, 63.5mm voice coil, neo magnet	15" dia, 63.5mm voice coil, neo magnet	18" dia, 75.8mm voice coil, extended bass
Compression driver	34mm voice coil, ferrite magnet	34mm voice coil, ferrite magnet	
Coverage: Horizontal x Vertical	80°x 60°	80°x 60°	
Max SPL	124dB	125dB	128dB
Cabinet material	15mm ply wood	15mm ply wood	15mm ply wood
Connections	2 x 4-pole speaker connectors	2 x 4-pole speaker connectors	2 x 4-pole speaker connectors
Fly points	13 x M10	13 x M10	None
Dimension W * H * D	365x608x341 (mm)	430x704x400 (mm)	530x682x610 (mm)
Weight net/shipping	18kg / 20.7Kg	21.5kg / 24.7Kg	30.1kg / 36.4Kg

VENTURE

ACTIVE & PASSIVE

The Venture Series are ultra compact, high-definition active/passive loudspeakers. Featuring 12 & 15 inch 2-way cabinets and a matched 18 inch sub, their huge system power make them the ideal PA or stage monitor solution.

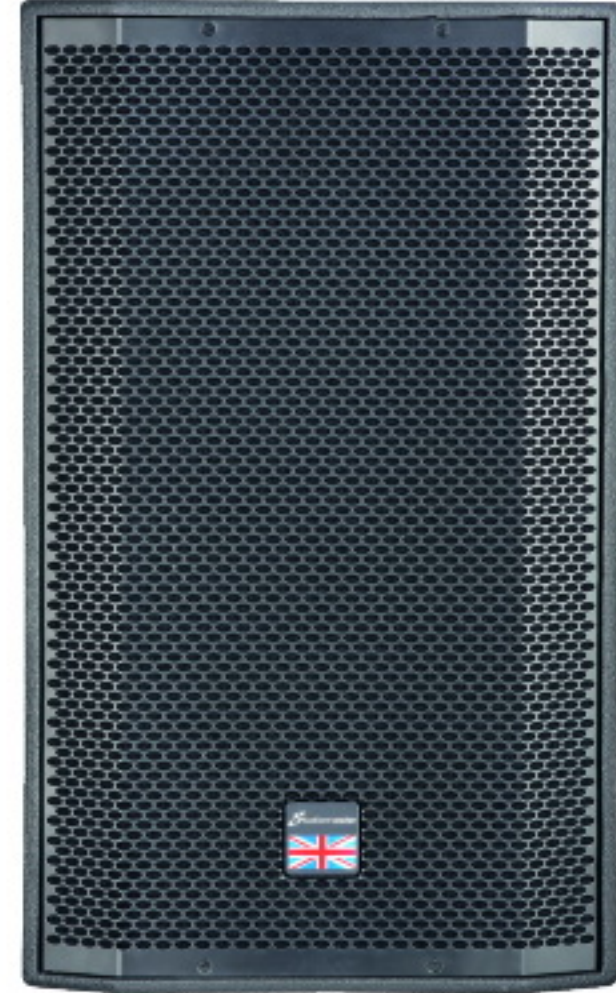
Weighing in at just 17kg (Venture 12) and peak power handling in excess of 1,500 watts their simplicity of use is only rivalled by the sonic impact, bass response and clarity they can produce. For a class leading PA system at "industry leading pricing" look no further.

VENTURE 12A / 12 2 WAY 12" ACTIVE/PASSIVE

VENTURE 15A / 15 2 WAY 15" ACTIVE/PASSIVE

VENTURE 18SA / 18S 18" SUB ACTIVE/PASSIVE

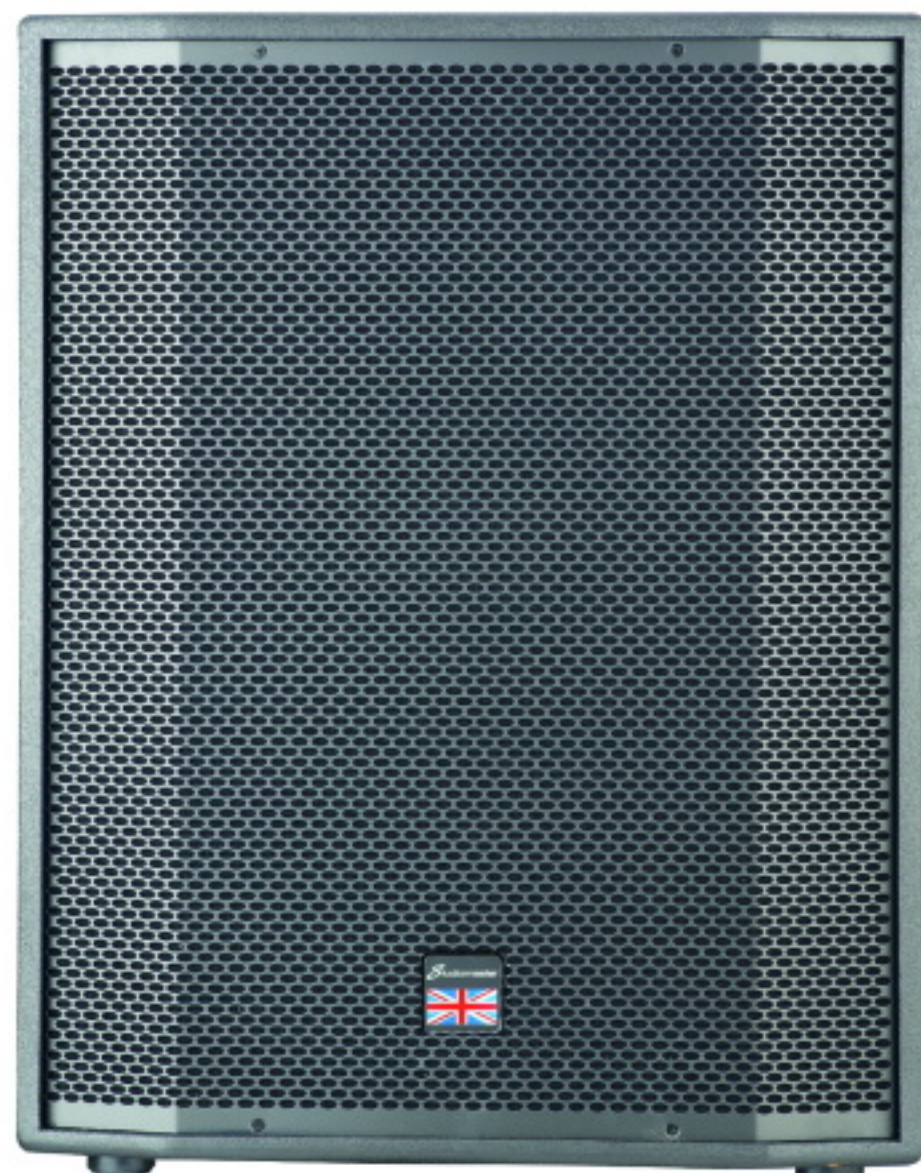
VENTURE 12



VENTURE 15



VENTURE 18S



As a premium range product, the Venture series are a perfect system match for our new Horizon mixer range. The availability of both the speakers and the mixers in powered and passive models offers a wide range of system options for professional quality, small and medium scale fixed and portable reinforcement systems for all manner of applications.

- 1600 watts of power and 17kg weight – impressive!
- Class D amplification for optimal performance
- Neodymium components (passive models)
- Multiple M10 hanging points
- Industrial grade 9-ply braced cabinets

The industrial grade 9-ply cabinets are internally braced and finished in wear-resistant black textured coating, with a steel front grille. A 60° rear bevel enables the 12 and 15 inch cabinets to also be used as stage monitors. The Class-D bi-amplified active cabs deliver a total of 600 watts rms power to the bass and HF drivers, with a peak system power rating of 1200 watts. All principal components – drivers, cabinet and integrated electronics – were designed specifically and matched meticulously for the Venture project. The resultant performance and sound quality has exceeded design expectations, with a smooth frequency response and highly accurate crossover points, and the ability to deliver that sound quality at high SPLs, in excess of 130dB.



A high efficiency switch-mode power supply provides ample reserve power for the class D amplifiers, ensuring their optimum performance; the amplifiers and power supply are a high efficiency design requiring no cooling fans. The one inch HF compression drivers feature a light alloy diaphragm and copper clad aluminium voice coil.

The active cabinets feature a 2-channel rear panel mixer section; one channel with balanced XLR mic and ¼ inch jack line inputs and the other with balanced XLR and stereo phono line level inputs. An XLR LINK line level output enables connection of additional speaker cabinets. There are master level and channel level controls, and green power-on and red peak LEDs. The 18SA sub features a balanced XLR input, a 100Hz hi pass filtered XLR output (to the mid/high cab) and XLR LINK output. Pole mount and M10 fly points, and fully recessed professional carry handles are all included.

The passive cabinets feature the same high quality construction and sound performance characteristics, and are rated at 800 watts program and 1600 watts peak power handling. Neodymium magnets are used in all drivers in the passive cabinets. Connectivity is with Speakon NL4 connectors throughout.



SPECIFICATION

	VENTURE 12A	VENTURE 15A	VENTURE 18SA
Format	12inch two way	15inch two way	18inch subwoofer
Frequency response	60Hz –18kHz (-3dB)	55Hz –18kHz (-3dB)	45Hz –100Hz (-3dB)
Frequency range	55Hz –20kHz (-10dB)	45Hz –20kHz (-10dB)	35Hz –150Hz (-10dB)
Amplifier power, rms	LF 400W HF 200W	LF 400W HF 200W	450W
Peak system power	1200W	1200W	900W
Crossover frequency	1.7kHz	1.5kHz	
Woofer	12" dia, 2.5" voice coil, ferrite magnet	15" dia, 2.5" voice coil, ferrite magnet	18" dia, 3" voice coil, extended bass, ferrite magnet
Compression driver	1.7" voice coil, ferrite magnet	1.7" voice coil, ferrite magnet	
Coverage: Horizontal x Vertical	80°x60°	80°x60°	
Max SPL	132dB	134dB	134dB
Cabinet material	15mm ply wood	15mm ply wood	15mm ply wood
Input connections	2 channel, XLR, Jack, RCA phono	2 channel, XLR, Jack, RCA phono	XLR input, Link output, 100Hz filtered output
Fly points	13 x M10	13 x M10	None
Power requirements	230/115V ~ 50/60Hz	230/115V ~ 50/60Hz	230/115V ~ 50/60Hz
Dimension W * H * D	365x608x341 (mm)	430x704x400 (mm)	530x682x610 (mm)
Weight net/shipping	18kg / 20kg	21.5kg / 25.6kg	34.7kg / 41.7kg

SPECIFICATION

	VENTURE 12	VENTURE 15	VENTURE 18S
Format	12inch two way	15inch two way	18inch sub
Frequency response	60Hz –18kHz (-3dB)	55Hz –18kHz (-3dB)	45Hz –100Hz (-3dB)
Frequency range	55Hz –20kHz (-10dB)	45Hz –20kHz (-10dB)	35Hz –150Hz (-10dB)
Sensitivity 1W/1m	96 dB	96 dB	96 dB
Impedance	4 Ω	4 Ω	4 Ω
Power: Continuous, Program, Peak	400W, 800W, 1600W	400W, 800W, 1600W	400W, 800W, 1600W
Crossover frequency	1.7kHz	1.5kHz	
Woofer	12" dia, 3" voice coil, neo magnet	15" dia, 3" voice coil, neo magnet	18" dia, 4" voice coil, extended bass, neo magnet
Compression driver	1.7" voice coil, ferrite magnet	1.7" voice coil, ferrite magnet	
Coverage: Horizontal x Vertical	80°x 60°	80°x 60°	
Max SPL	132dB	134dB	134dB
Cabinet material	15mm ply wood	15mm ply wood	15mm ply wood
Connections	2 x speakon NL4	2 x speakon NL4	2 x speakon NL4
Fly points	13 x M10	13 x M10	None
Dimension W * H * D	365x608x341 (mm)	430x704x400 (mm)	530x682x610 (mm)
Weight net/shipping	17kg / 20kg	21kg / 25kg	30.7kg / 37.5kg

TRX

ACTIVE & PASSIVE

The TRX series is a range of high performance, versatile enclosures with a massive 15 models to choose from, with both passive and active models in the range.

All models feature cast aluminium chassis heavy duty bass transducers with large 1" throat compression drivers, packaged in a rugged hard wearing paint finish. TRX10, 12, 15 and 15M passive and active models have multiple M10 hanging points, and the TRX10, 12 and 15 also feature 35mm pole sockets.

All models have large recessed side handles, and for total ease the larger 2x15" TRX215 comes with rear mounted castors.



SPECIFICATION	TRX10A	TRX12A	TRX15A	TRX215A	TRX15MA
Type	10" 2 way active speaker	12" 2 way active speaker	15" 2 way active speaker	2x15" 2 way active speaker	15" 2 way active stage monitor
Freq Response(-10dB)	60Hz--20KHz	50Hz--20KHz	45Hz--20KHz	45Hz--20KHz	45Hz--20KHz
Sensitivity(1m/1W)	-10dBV (line)	-10dBV (line)	-10dBV (line)	-10dBV (line)	-10dBV (line)
Power	200W	250W	250W	500W	250W
Crossover	2.0KHz	2.2KHz	2.0KHz	2.2KHz	2.2KHz
LF	10" MF /50 mm voice coil	12" MF/65mm voice coil	15" MF /65mm voice coil	15" MF /65mm voice coil	15" MF /65mm voice coil
HF	34mm compression driver/1" throat	34mm compression driver/1" throat	34mm compression driver/1" throat	44mm compression driver/1" throat	34mm compression driver/1" throat
Coverage(HxV)	80°x60°	80°x60°	80°x60°	80°x60°	80°x60°
Max SPL(@1m)	124dB	126dB	126dB	132dB	127dB
Hanging System	12"M10 hanging points	12"M10 hanging points	12"M10 hanging points	None	8"M10 hanging points
Dimension(WxHxD)	353.5x555x426(mm)	409x472x628 (mm)	452.6x710x518 (mm)	471.7x1050x538(mm)	429x635x484(mm)
Weight	20.8Kg	25.5Kg	31Kg	54.7Kg	24.7Kg

SPECIFICATION	TRX15SA	TRX18SA
Type	15" active Subwoofer	18" active Subwoofer
Freq Response(-10dB)	35Hz--250Hz	38Hz--250Hz
Sensitivity	-10dBu	-10dBu
Max SPL	128dB	129dB
Power Amp.	500W	500W
LF	15"LF/100mm voice coil	18"LF/75mm voice coil
Crossover	80/100Hz	80/100Hz
Input Connector	JACK/XLR	JACK/XLR
Input Voltage	110V/240V	110V/240V
Dimension(WxHxD)	479x581x548(mm)	567x667x600 (mm)
Weight	47.6kg	57.8kg

TRX 12A Rear



- TRX10A / TRX10 2 WAY 10" ACTIVE/PASSIVE
- TRX12A / TRX12 2 WAY 12" ACTIVE/PASSIVE
- TRX15A / TRX15 2 WAY 15" ACTIVE/PASSIVE
- TRX215A / TRX215 2 x 15" ACTIVE/PASSIVE
- TRX15MA / TRX15M 15" ACTIVE/PASSIVE MONITOR
- TRX15S / TRX15SA 15" SUB ACTIVE/PASSIVE
- TRX18S / TRX18SA 18" SUB ACTIVE/PASSIVE
- TRX218S 2 x 18" SUB PASSIVE

- Large 15 models to choose from in the range
- All drivers are cast aluminium chassis
- 1" throat compression drivers
- Multiple M10 hanging points
- High quality durable cabinet finish

SPECIFICATION	TRX10	TRX12	TRX15	TRX215	TRX15M
Type	10" 2 way passive speaker	12" 2 way passive speaker	15" 2 way passive speaker	2x15" 2 way passive speaker	15" 2 way passive stage monitor
Freq Response(-10dB)	60Hz--20KHz	50Hz--20KHz	45Hz--20KHz	45Hz--20KHz	45Hz--20KHz
Sensitivity(1m/1W)	94dB	96dB	96dB	99dB	97dB
Rated impedance	8 Ω	8 Ω	8 Ω	4 Ω	8 Ω
Power Handling	200W(continuous)800W(Peak)	250W(continuous)1000W(Peak)	250W(continuous)1000W(Peak)	500W(continuous)2000W(Peak)	250W(continuous)1000W(Peak)
Crossover	2.0KHz	2.2KHz	2.0KHz	2.2KHz	2.2KHz
LF	10" MF /50mm voice coil	12" MF/65mm voice coil	15" MF /65mm voice coil	15" MF /65mm voice coil	15" MF /65mm voice coil
HF	34mm compression driver/1" throat	34mm compression driver/1" throat	34mm compression driver/1" throat	44mm compression driver/1" throat	34mm compression driver/1" throat
Coverage(HxV)	80°x60°	80°x60°	80°x60°	80°x60°	80°x60°
Max SPL(@1m)	124dB	126dB	126dB	132dB	127dB
Input Mode	2x4-pole industry std sockets	2x4-pole industry std sockets	2x4-pole industry std sockets	2x4-pole industry std sockets, jack	2x4-pole industry std sockets, jack
Hanging System	12"M10 hanging points	12"M10 hanging points	12"M10 hanging points	None	8"M10 hanging points
Dimension(WxHxD)	353.5x555x426 (mm)	409x628x472 (mm)	452.6x710x518(mm)	469x1050x538(mm)	429x635x484(mm)
Weight	19Kg	23Kg	28.6Kg	48Kg	27Kg

SPECIFICATION	TRX15S	TRX18S	TRX218S
Type	15" subwoofer	18" subwoofer	2x18" subwoofer
Frequency Response	40Hz--250Hz	38Hz--250Hz	33Hz--150Hz
Power Handling	600W(continuous)2400W(Peak)	600W(continuous)2400W(Peak)	1200W(continuous)4800W(Peak)
Sensitivity	96dB	96dB	100dB
Max SPL	123dB	130dB	137dB
Rated Impedance	8Ω	8Ω	4Ω
LF	15"LF/100mm Voice Coil	18"LF/100mm Voice Coil	2x18"LF/100mm Voice Coil
Dimension(WxHxD)	479x581x548(mm)	567x667x600(mm)	1200x520x700(mm)
Weight	35.2KG	47.5KG	84KG

S3

ACTIVE & PASSIVE

The new premium quality Studiomaster speaker models are the S3 range of active and passive, high quality speaker cabinets. Featuring 14 models to choose from, all fitted with premium components and CLASS D amplification in the active models.

With up to date circuitry, the active moves feature a boost switch to add extra tone to your background music, and a unique switchable standby mode which will turn off the amplifier when no signal has been detected for 3 minutes. As soon as a signal is detected again, the amplifier will resume operation.

All models have large recessed side handles, the 10, 12 and 15" models come with M10 flying points and the larger 2x12" and 2x15" come with rear mounted castors for easy transportation.



S3 active Rear



- S3 10A - S3 10 10" ACTIVE/PASSIVE**
- S3 12A - S3 12 12" ACTIVE/PASSIVE**
- S3 15A - S3 15 15" ACTIVE/PASSIVE**
- S3 15MA - S3 15M 15" ACTIVE/PASSIVE MONITOR**
- S3 212A - S3 212 2 x 12" ACTIVE/PASSIVE**
- S3 215A - S3 215 2 x 12" ACTIVE/PASSIVE**
- S3 18SA - S3 18S 18" SUB ACTIVE/PASSIVE**

- 14 active and passive models to choose from in the range
- High performance drivers and compression drivers
- 1" throat compression drivers
- Active models feature comprehensive controls and amplifier protection
- High quality CLASS D power amplifiers with full protection
- High quality durable paint finish cabinet with M10 flying points

SPECIFICATION	S3-10	S3-12	S3-15	S3-15M
Type	2 way passive	2 way passive	2 way passive	2 way passive
Frequency response	60Hz~18kHz (±3dB)	55Hz~18kHz (±3dB)	45Hz~18kHz (±3dB)	50Hz~18kHz (±3dB)
Power handling	300W(Continuous),1200W (Peak)	350W(Continuous),1400W(Peak)	400W(Continuous),1600W(Peak)	400W(Continuous),1600W(Peak)
Crossover frequency	1.8kHz	2kHz	2kHz	2kHz
Sensitivity 1w@1m	96 dB	97 dB	98 dB	98 dB
MAX SPL	127dB	128dB	130dB	130dB
Coverage (HxV)	90°x50°	90°x50°	90°x50°	90°x40°
Nominal impedance	8ohm	8ohm	8ohm	8ohm
LF	1x10"/ φ 65mm Voice coil	1x12"/ φ 75mm Voice coil	1x15"/ φ 75mm Voice coil	1x15"/ φ 75mm Voice coil
HF	1x1.75"/ φ 44mm Voice coil	1x1.75"/ φ 44mm Voice coil	1x1.75"/ φ 44mm Voice coil	1x1.75"/ φ 44mm Voice coil
35mm pole Mount	Yes	Yes	Yes	No
Input Mode	2xNL4MP	2xNL4MP	2xNL4MP	2xNL4MP
Dimensions (WxHxD)	359x564x349	399x612x387	476x764x459	701x466x399
Weight net	19kg	23kg	33kg	24kg

SPECIFICATION	S3-10A	S3-12A	S3-15A	S3-15MA
Type	2 way active	2 way active	2 way active	2 way active
Frequency response	60Hz~18kHz (±3dB)	55Hz~18kHz (±3dB)	45Hz~18kHz (±3dB)	50Hz~18kHz (±3dB)
AMP Power RMS	300W(LF),60W(HF)	450W(LF),60W(HF)	450W(LF),60W(HF)	450W(LF),60W(HF)
MAX SPL	124dB	127dB	128dB	128dB
coverage (HxV)	90°x50°	90°x50°	90°x50°	90°x40°
Crossover frequency	2.2kHz	2kHz	2kHz	2kHz
LF	1x10"/ φ 65mm Voice coil	1x12"/ φ 75mm Voice coil	1x15"/ φ 75mm Voice coil	1x15"/ φ 75mm Voice coil
HF	1x1.75"/ φ 44mm Voice coil	1x1.75"/ φ 44mm Voice coil	1x1.75"/ φ 44mm Voice coil	1x1.75"/ φ 44mm Voice coil
35mm pole Mount	Yes	Yes	Yes	No
Input sensitivity	-10dBV	-10dBV	-10dBV	-10dBV
Connectors	JACK-XLR	JACK-XLR	JACK-XLR	JACK-XLR
Dimensions (WxHxD)	359x564x349	399x612x387	476x764x459	701x466x399
Weight net	20kg	24kg	34kg	25kg

SPECIFICATION	S3-212	S3-215	S3-18S
Type	2 way passive	2 way passive	Sub woofer
Frequency response	50Hz~18kHz (±3dB)	45Hz~18kHz (±3dB)	35Hz~250Hz (±3dB)
Power handling	700W(Continuous),2800W(Peak)	800W(Continuous),3200W(Peak)	800W(Continuous),3200W(Peak)
Crossover frequency	1.8kHz	100Hz	100Hz
Sensitivity 1w@1m	99 dB	100dB	97dB
MAX SPL	134dB	135dB	132dB
Coverage (HxV)	80°x60°	80°x60°	
Nominal impedance	4ohm	4ohm	8ohm
LF	2x12"/ φ 75mm Voice coil	2x15"/ φ 75mm Voice coil	1x18"/ φ 100mm Voice coil
HF	1x3"/ φ 75mm Voice coil	1x3"/ φ 75mm Voice coil	
35mm pole Mount	No	No	Yes
Input Mode	2xNL4MP	2xNL4MP	2xNL4MP
Dimensions (WxHxD)	453x1007x433	542x1212x535	605x672x669
Weight net	43kg	57kg	43kg

SPECIFICATION	S3-212A	S3-215A	S3-18SA
Type	2 way active	2 way active	Active Sub bass
Frequency response	50Hz~18kHz (±3dB)	45Hz~18kHz (±3dB)	35Hz~250Hz (±3dB)
AMP Power RMS	1000W(LF),100W(HF)	1200W(LF),100W(HF)	1000W
MAX SPL	132dB	134dB	130dB
coverage (HxV)	80°x60°	80°x60°	
Crossover frequency	1.6kHz	1.7kHz	80Hz/100Hz
LF	2x12"/ φ 75mm Voice coil	2x15"/ φ 75mm Voice coil	1x18"/ φ 100mm Voice coil
HF	1x3"/ φ 75mm Voice coil	1x3"/ φ 75mm Voice coil	
35mm pole Mount	No	No	Yes
Input sensitivity	-10dBV	-10dBV	0dBu
Connectors	JACK-XLR	JACK-XLR	JACK-XLR
Dimensions (WxHxD)	453x1007x433	542x1212x535	605x672x669
Weight net	55kg	69kg	55kg

PHASE

3-WAY COAXIAL ACTIVE SPEAKERS

PHASE 8.3A 3 WAY 3x8" ACTIVE SPEAKER CABINET

PHASE 12A 3 WAY 15" ACTIVE SPEAKER CABINET

PHASE 15A 3 WAY 15" ACTIVE SPEAKER CABINET

PHASE 18SA 18" SUB ACTIVE CABINET

PHASE 12MA 2 WAY 12" ACTIVE MONITOR SPEAKER

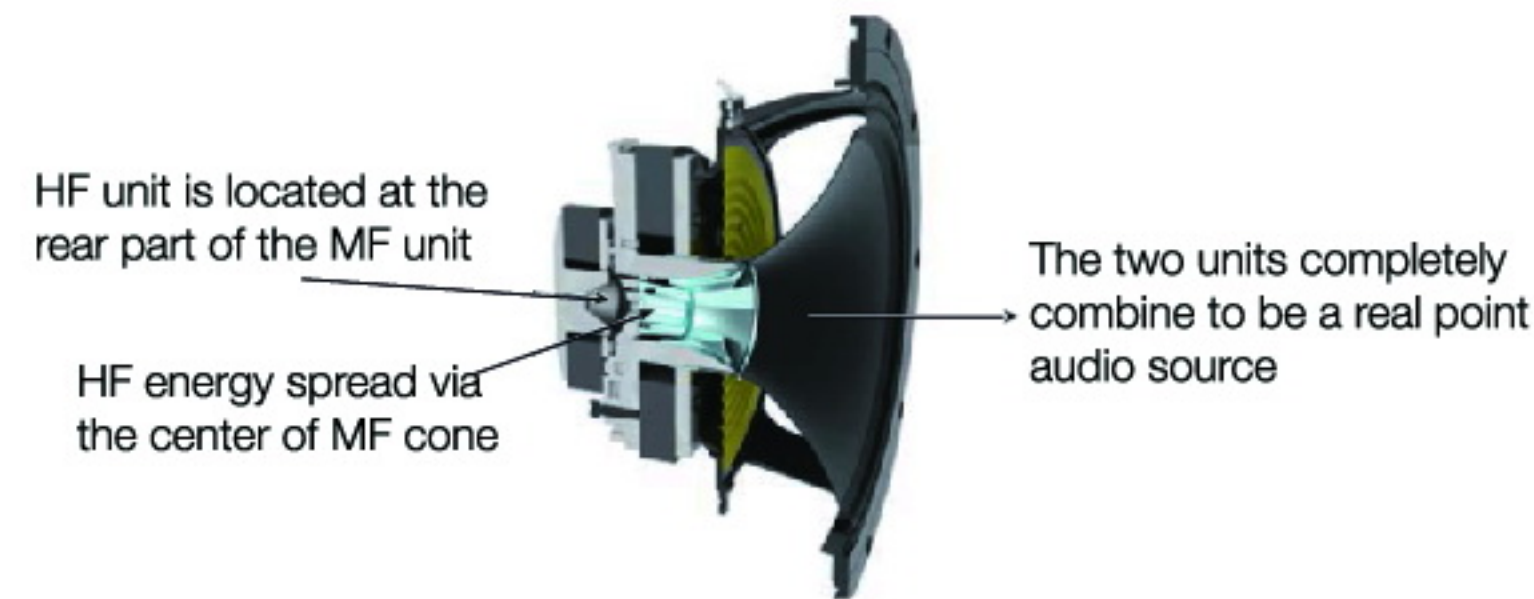
PHASE 12M 2 WAY 12" PASSIVE MONITOR SPEAKER

The new flagship to the Studiomaster speaker cabinet range. The PHASE series comprise 12" and 15" three way coaxial active cabinets, with a 3 x 8" three way active cabinet, 18" active sub bass and a 12" active and complimenting 12" passive monitor.

The plywood cabinets are internally braced and finished in wear-resistant black textured coating, with a steel front grille.

The Class-D active cabinets deliver a total of 1500 watts power to the bass 8" MF and 44mm HF drivers, with maximum spl as high as 137dB.

Control of the cabinets is achieved with the internal DSP processor, enabling EQ, delay, crossover, limiter and volume all to be adjusted either on the rear of the cabinet, or with your PC via USB.



PHASE 8.3A/12A/15A

- 1500 watts CLASS D power with high SPL's
- 3-way coaxial design for optimal performance
- powerful high quality components
- Built-in DSP processor with multiple functions
- Plywood braced cabinets with M10 hanging points

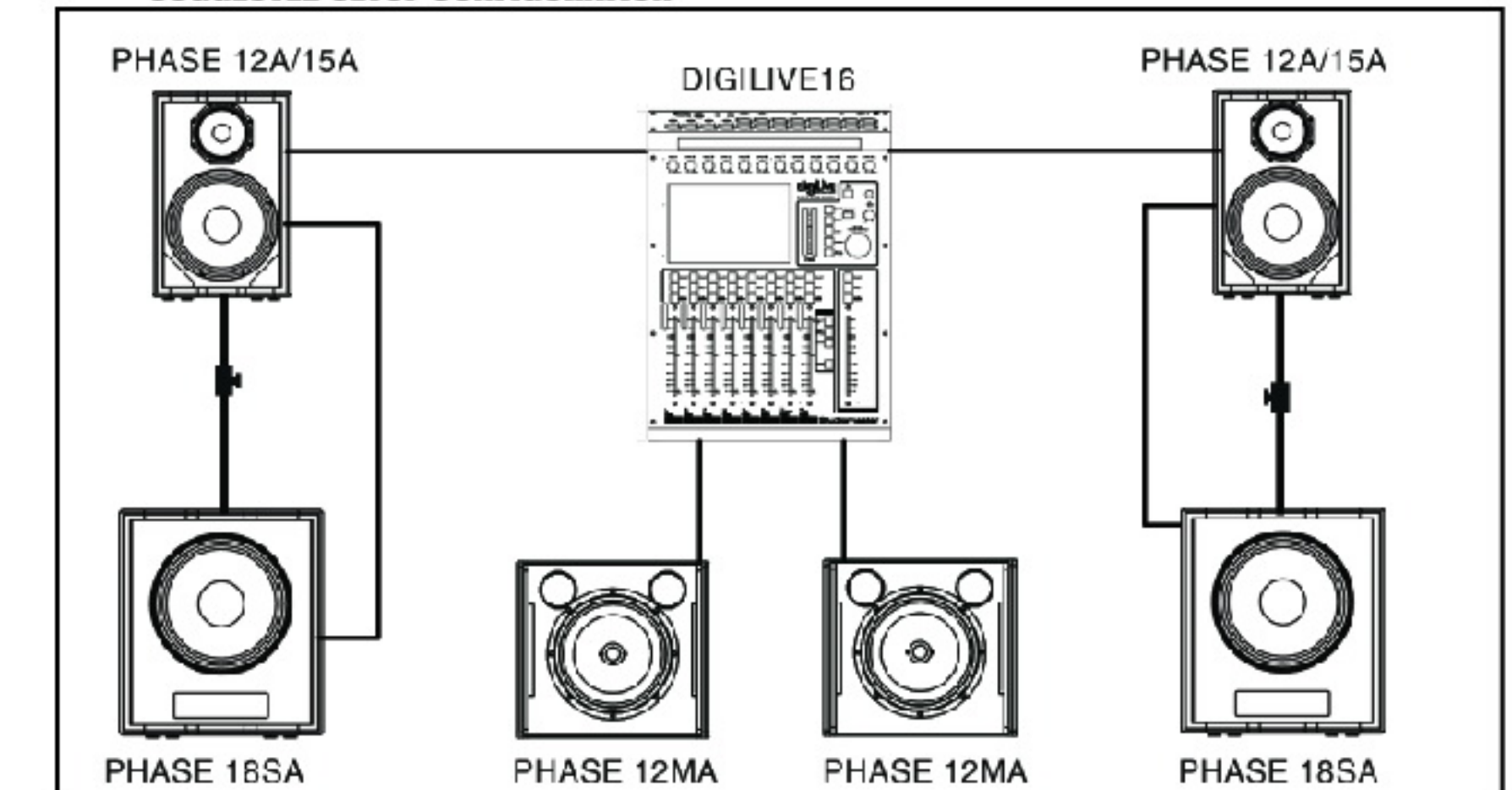


PHASE 18SA REAR PANEL



PHASE 12MA

SUGGESTED SETUP CONFIGURATION



SPECIFICATION PHASE 8.3A PHASE 12A PHASE 15A PHASE 18SA

SPECIFICATION	PHASE 8.3A	PHASE 12A	PHASE 15A	PHASE 18SA
Type	Active Coaxial Loudspeaker	Active Coaxial Loudspeaker	Active Coaxial Loudspeaker	Active Coaxial Subwoofer
Frequency response	65Hz-20kHz(±3dB)	58Hz-18kHz(±3dB)	50Hz-20kHz (±3dB)	35Hz-100Hz (±3dB)
Input Sensitivity	0dBu	0dBu	0dBu	0dBu
Max SPL(@1m)	135dB(peak)	136dB(peak)	137dB (peak)	128dB
Amp. power	1500W	1500W	1500W	1500W
Coverage(HxV)	60°x60°	60°x60°	60°x60°	N/A
Crossover (LM/MH)	320Hz(Active),2.0kHz(Passive)	300Hz(Active),2.0kHz(Passive)	300Hz(Active), 2.0kHz(Passive)	80Hz /100Hz
Input Connector	XLR	XLR	XLR	220-240V
Input Voltage	220-240V	220-240V	220-240V	JACK/XLR
Supporting system	Φ35	Φ35	Φ35	Φ35
Dimension (WxHxD)	371x721x375(mm)	410x637x403(mm)	480x716x472(mm)	650x719x672(mm)
Weight	23.5kg	27.5kg	33.6kg	49.5kg

SPECIFICATION PHASE 12M PHASE 12MA

SPECIFICATION	PHASE 12M	PHASE 12MA
Type	Two way passive monitoring loudspeaker	Two way active monitoring loudspeaker
Frequency response	55Hz-20kHz(±3dB)	55Hz-20kHz(±3dB)
Sensitivity(1W@1m)	96dB	0dBu
Nominal Impedance	8Ω	350W (LF)+100W (HF)
Power handling	300W(continuous), 1200W(peak)	1.2kHz
Crossover	1.2kHz	12" LF/75mm voice coil / Nd magnet
LF	12" LF/75mm voice coil/Nd magnet	75 compression driver /1.5" exit / Nd magnet
HF	75mm compression driver/1.5" exit/ Nd magnet	Coverage (HxV)
Coverage (HxV)	80°x80°	80°x80°
Max SPL	127dB	128dB
Connector	4xSpeakon	JACK/XLR
Dimension (WxHxD)	468x430x442(mm)	468x430x442(mm)
Weight	17.5kg	20kg

PAX / PX

STAGE MONITORS

The PAX/PX series is our established entry into the high quality stage monitoring... powerful, clear sound and great features.

The careful design of the the PAX/PX series meant they are perfectly angled, to be aimed at the performer, so you can really hear it, while taking up less stage space, keeping the sound focused, reducing the sound picked up by the microphones on stage. Strong steel grille, hard wearing carpet finish and robust corner pieces all help the PAX/PX series stand up to life on the road.

Available in both active and passive models, with a choice of 10" or 12" speaker size. All units feature custom designed low frequency drivers to give a clear sound even at high volume levels.

The PAX10+ features balanced Jack input, the PAX12+ has both balanced XLR and Jack inputs, both models feature a link output to allow multiple PAX monitors to be connected from one signal source allowing the whole band to hear. PAX12+ also benefits from a useful 3-band EQ for extra control, gain and level controls to get your sound perfect when connecting to the main PA system and a really useful variable active notch filter, which affects a narrow band of sound you can adjust to pick out just the frequency that is feeding back. This allows you to get your monitors much louder before they feed back.

To complete the flexibility of the PAX/PX series, there is a Speaker Out on the active PAX models allowing you to connect a passive PX speaker and drive it from the same internal amplifier, giving you different set-up options to suit your performance.

PAX10 10" ACTIVE MONITOR SPEAKER

- 10" custom designed high output speaker
- 80 / 120W internal amplifier can be used to additionally power PX10
- Link facility to run multiple monitors from one source
- Balanced jack input
- Compact footprint with ideal monitor angle



PX10 10" PASSIVE MONITOR SPEAKER

- 10" custom designed high output speaker
- High frequency tweeter
- 80 watts (program) power handling
- Rugged metal grille with jack speaker socket
- Compact footprint with ideal monitor angle



PAX12 12" ACTIVE MONITOR SPEAKER

- 12" custom designed high output speaker
- 120 / 150W internal amplifier can be used to additionally power PX12
- Built in active notch filter to reduce feedback
- Balanced XLR mic and line inputs with link facility
- Compact footprint with rugged grille for reliability



PX12 12" PASSIVE MONITOR SPEAKER

- 12" custom designed high output speaker
- High frequency tweeter
- 100 watts (program) power handling
- Rugged metal grille with jack speaker socket
- Compact footprint with ideal monitor angle



SPECIFICATION	PAX10+	PAX12+
Speaker	10" Custom Design high output	12" Custom Design high output
HF Unit	High Frequency Tweeter	High Frequency Tweeter
Finish	Black Carpet covering, corner protectors, feet, scoop handle	Black Carpet covering, corner protectors, feet, scoop handle
Power Output @ 1% THD	80W @ 8ohm RMS	120W @ 8ohm RMS
Distortion (amp)	120W @ 4ohm (with PX10+) RMS	150W @ 4ohm (with PX12+) RMS
Maximum SPL	0.008% (50W @ 8 ohms)	0.008% (50W @ 8ohm)
	114dB	116dB
Input Impedance	10k ohm balanced compatible	Mic 6k ohms balanced Line 33k ohm balanced
Input Sensitivity	-10dBu	Mic -30dBu Line -10dBu
Equalisation		Hi 12dB@5kHz Q=2, Mid 15dB@1.5kHz Q=0.9, Lo 12dB@90Hz Q=3.6
Notch Filter		-12dB @ 300Hz to 6kHz, Q=3.3, switchable with LED
Connection		
Input	Balanced jack, jack link out	Balanced XLR and jack, jack link out
Output	Jack external speaker socket	Jack external speaker socket
Power Requirements	230V Range ±10% 50/60Hz 3.15A Max	230V Range ±10% 50/60Hz 4A Max
Voltage Selector	115V Range ±10% 50/60Hz 6.3A Max	115V Range ±10% 50/60Hz 8A Max
Size(W x H x D)	470mm (18.5") x 300mm (11.8") x 365mm (14.4")	553mm (21.8") x 380mm (15") x 450mm (17.7")
Weight (net/shipping)	13kg(28.6lb) / 15kg(33lb)	16kg(35.2lb) / 19kg(41.8lb)

SPECIFICATION	PX10+	PX12+
Speaker	10" Custom Design high output	12" Custom Design high output
HF Unit	High Frequency Tweeter	High Frequency Tweeter
Finish	Black Carpet covering, corner protectors, feet, scoop handle	Black Carpet covering, corner protectors, feet, scoop handle
Connection		
Input	Jack speaker socket	Jack speaker socket
Power Output	80W @ 8ohms MAX	100W @ 8ohms Max
Size(W x H x D)	470mm (18.5") x 300mm (11.8") x 365mm (14.4")	553mm (21.8") x 380mm (15") x 450mm (17.7")
Weight (net/shipping)	10.5kg(23.1lb) / 12.5kg(27.5lb)	13.3kg(29.3lb) / 16.3kg(35.9lb)



CTR 105T

CTR 105

CTR INSTALL SPEAKERS

The CTR compact speaker enclosures feature small size and quality full range sound.

The CTR105/105T moulded cabinets are available in white or black in either 8ohm or 70/100V line versions. They are supplied with rugged cast wall brackets for ceiling or wall mounting. Connection is via spring loaded terminals which saves time and makes installation easy. The 5" bass driver is coupled to the high frequency tweeter through a tuned crossover network resulting in a smooth full range sound.

Both transducers are magnetically shielded making them ideal for use with computer and video monitors or other magnetically sensitive equipment. The 100V line models can be internally adjusted for 70V or 100V use.

CTR105 5" COMPACT INSTALLATION SPEAKER

CTR105T 5" COMPACT 70/100V LINE SPEAKER

SPECIFICATION

CTR105

System Type	2 way
Cone size	5"
Frequency response	100 -18kHz
Power handling	30W (continuous)120W(peak)
Crossover frequency	5kHz
Sensitivity (1w@1m)	88dB
Nominal Impedance	8Ω

70/100V Line

MODEL CTR105T

Dimensions (WxHxD)	158(6.2") x 231 (9.1") x 135(5.3")
Weight net	3.2kg (7lb)
Colour	Black or White

PAS / PS COMPACT ACTIVE & PASSIVE

StuDiomaster are famous for high powered amplifier and speaker systems, yet we appreciate that some of your applications may require smaller solutions.

The PAS/PS range comprise 8" and 6" two way powered (PAS) and unpowered (PS) speakers. Ideal for schools, bars, clubs, restaurants, churches. If you need a clear, responsive and compact system, the PAS/PS series is a solution to suit you.

All models have a hard wearing injection moulded cabinet, strong steel grille to prevent damage and integrated feet, and even come supplied with wall brackets giving you total freedom to get them into the right position.

The active PAS models have internal amplifiers with jack inputs suitable for mic and line levels, and can supply up to 80 Watts of clear undistorted sound. Useful tone control helps you to emphasise high and low frequencies.

PAS6 6" ACTIVE 60 WATT SPEAKER

PAS8 8" ACTIVE 80 WATT SPEAKER

PS6 6" PASSIVE 60 WATT (PGM) SPEAKER

PS8 8" PASSIVE 80 WATT (PGM) SPEAKER

- Active and passive versions
- Free standing or wall mounting with brackets included
- Jack input connectors
- Hard wearing injection moulded cabinet
- Ideal for schools, bars, clubs, restaurants or places of worship



SPECIFICATION	PS6	PS8	PAS6	PAS8
Type	2-Way Configuration	2-Way Configuration	2-Way Configuration	2-Way Configuration
Freq Response	80Hz-20KHz	60Hz-20KHz	80Hz-20KHz	60Hz-20KHz
Power Handling	60W/100V	80W/100V	60W	80W
Max. SPL	112dB	115dB	112dB	115dB
Sensitivity (1m/1w)	91 dB	93 dB	-15dBu	-15dBu
Crossover	3KHz	3KHz		
Impedance	8Ω/NA	8Ω/NA		
LF	FB0601(6.5")	FB0801(8")	FB0601(6.5")	FB0801(8")
HF	1" Dome	1" Dome	1" Dome	1" Dome
Size				
Width (max)	230mm (9.1")	280mm (11")	230mm (9.1")	280mm (11")
Height	360mm (14.2")	410mm (16.1")	360mm (14.2")	410mm (16.1")
Depth	220mm (8.7")	250mm (9.8")	220mm (8.7")	250mm (9.8")
Weight				
Net	4kg (8.8lb)	5kg (11lb)	5kg (11lb)	6kg (13.2lb)
Shipping	5kg (11lb)	6kg (13.2lb)	6kg (13.2lb)	7kg (15.4lb)



line array

V5

COMPACT LINE ARRAY



The Studiomaster V5 line array is a new development of a two way system providing superior performance with a flat frequency response and phase response in a range of 60Hz-20KHz. Ultra compact yet provides impressive power levels.

The V5 HF/MF system consists of a two 5" MF drivers combined with a 44mm HF compression driver. This tuned combination greatly reduces the cabinets weight and size, yet still produces high volume and SPL specifications.

The trapezoidal enclosure is designed to keep the loudspeakers operating the way they are intended with sound dispersion aimed towards the front.

The aluminium suspension system provides 0°- 10° of adjustment to achieve the ideal positioning. Connections to the V5 are through two NL4MP 4pin connectors. The cabinets are finished in a special elastic effect hard wearing paint, and are further protected with a tough grille.

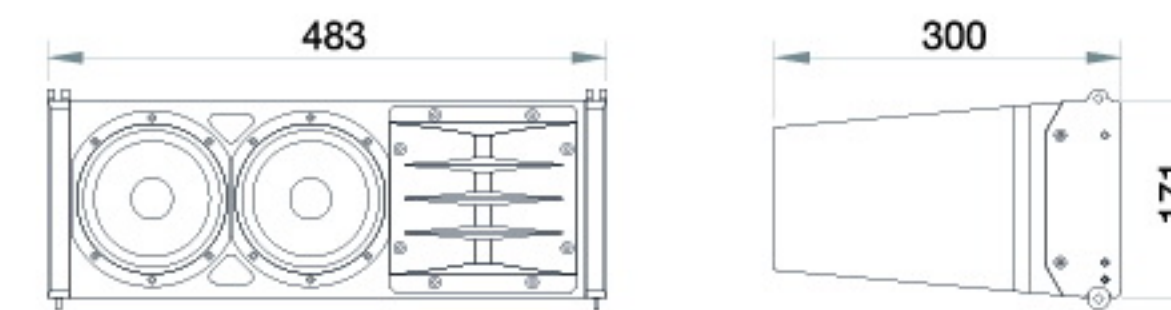
The matching V5S LF passive cabinet uses the same small footprint cabinet shape as the smaller V5 HF/MF unit. The V5S features two 10" high power LF drivers with 2.6" voice coils. The vented horn design further improves the already high efficiency.

If you choose the active sub bass the V5SA to drive your system, then you will benefit from all the features of the V5S, but also have your

sound amplified through the built in linear amplifier with DSP audio processing, to perfectly match your signal to the cabinets.

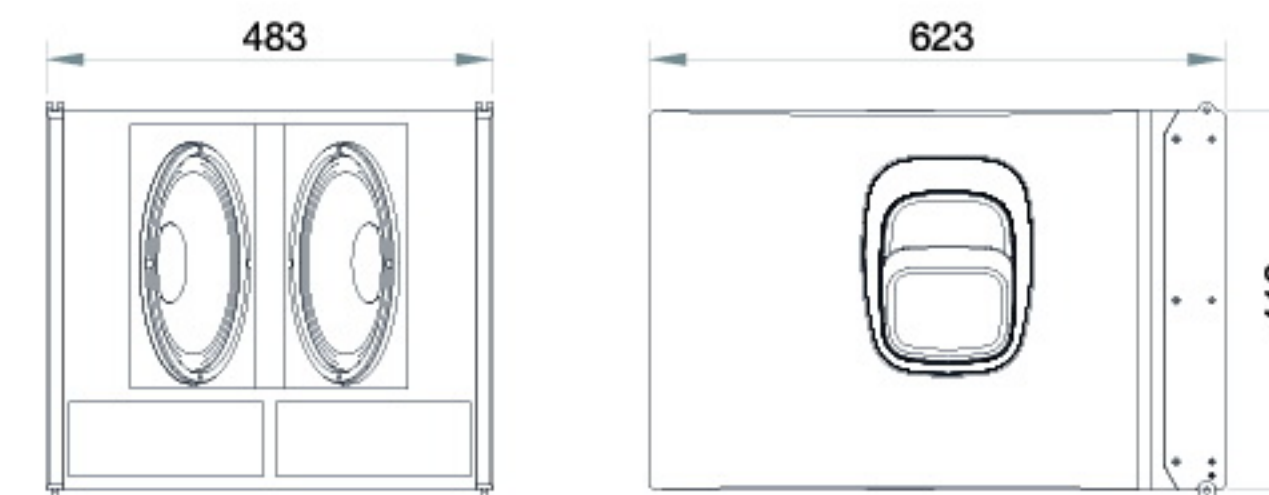
The power amp module boasts variable speed fan cooling, overload and short circuit protection. Thermal protection is intelligent and linked to the DSP. If temperatures rise out of the set limit, the DSP will attenuate the output from the amplifier, and if required for protection shut down the amplifier to ensure future reliability.

Status LEDs to show overload and peak situations are easily visible from the rear panel.



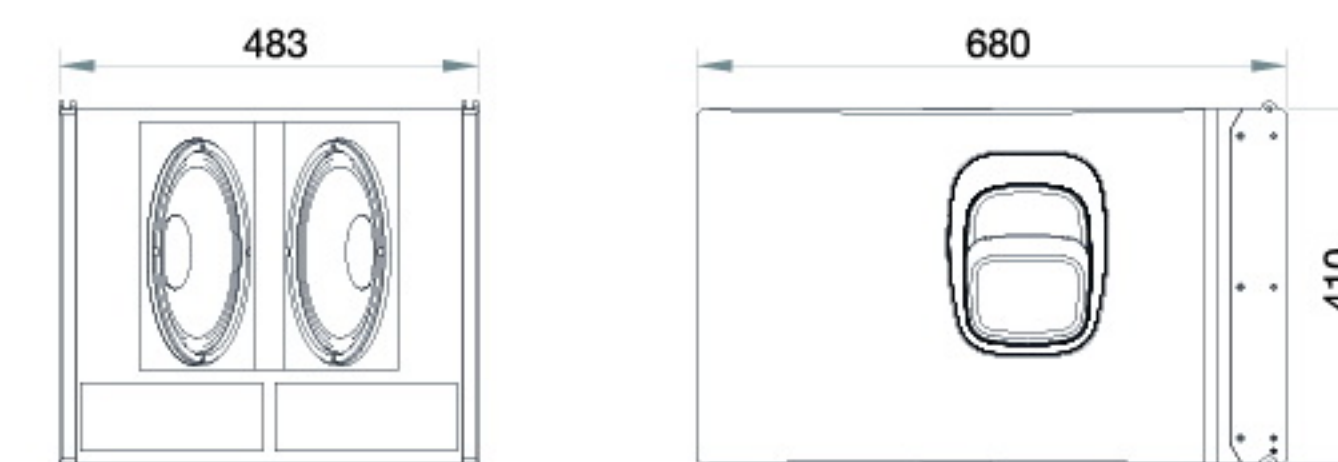
V5 2x5" PASSIVE HF/MF LINE ARRAY ENCLOSURE

- Superior quality 2 x 5" HF/MF drivers
- 44mm compression driver
- Ultra compact with durable finish
- Fully adjustable aluminium suspension system available.



V5S 2x10" PASSIVE LF LINE ARRAY ENCLOSURE

- 2 x 10" LF drivers using vented horn design to improve efficiency
- Large 2.6" voice coils to deliver consistent high power
- Ultra compact with durable finish
- Adjustable suspension system and convenient scoop handles



V5SA 2x10" ACTIVE LF LINE ARRAY ENCLOSURE

- 2 x 10" LF drivers using vented horn design to improve efficiency
- High power amplifier built in with intelligent protection
- DSP audio processing built in to perfectly match your sound
- Designed to be compatible with V5 passive HF/MF enclosure



SUGGESTED SETUP CONFIGURATIONS

V5 COMPACT LINE ARRAY



setup configuration 1

8 x V5 passive MF/HF cabinets
2 x V5S passive LF cabinets

1 x AC36 3 in 6 out speaker processor



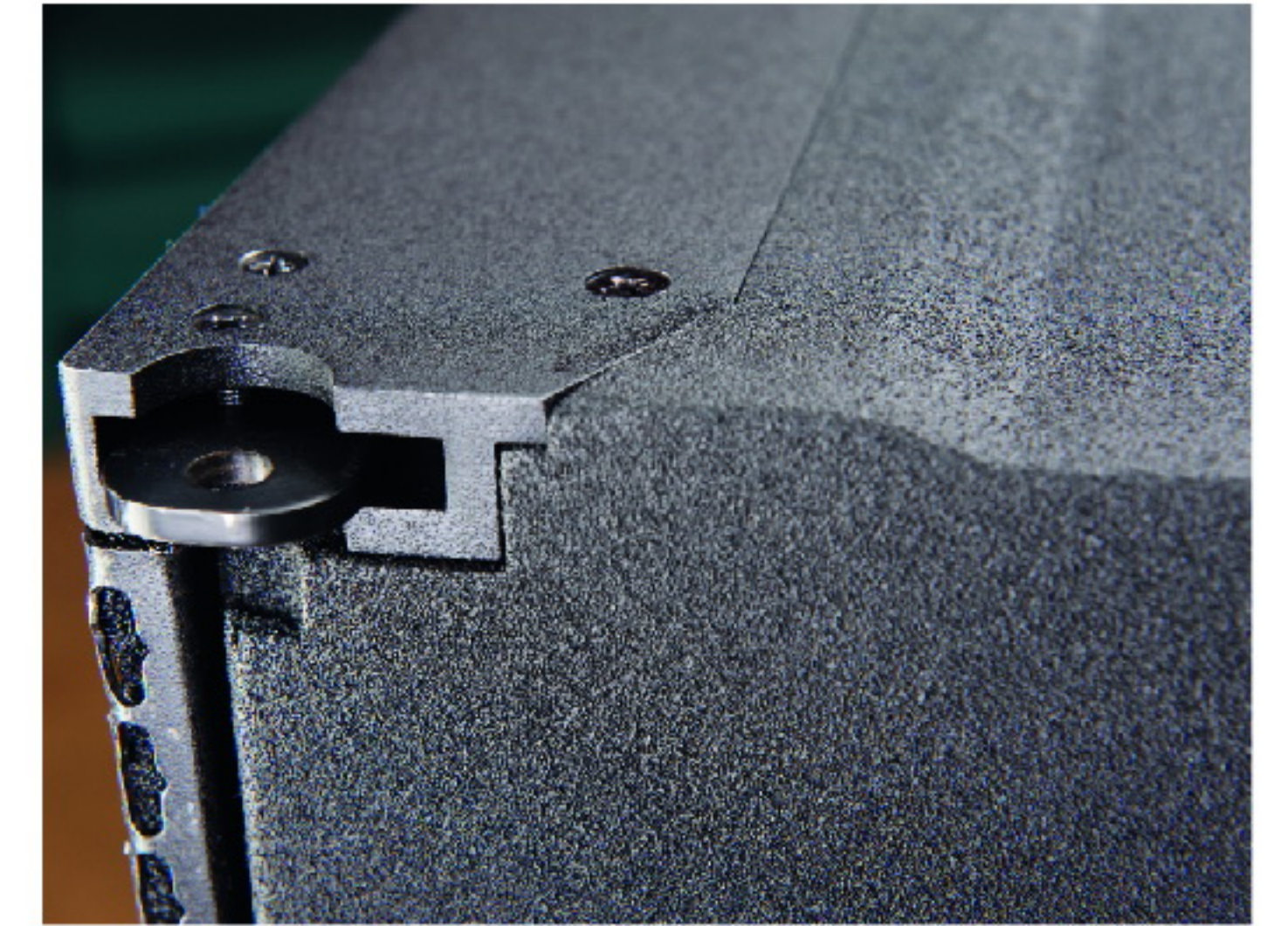
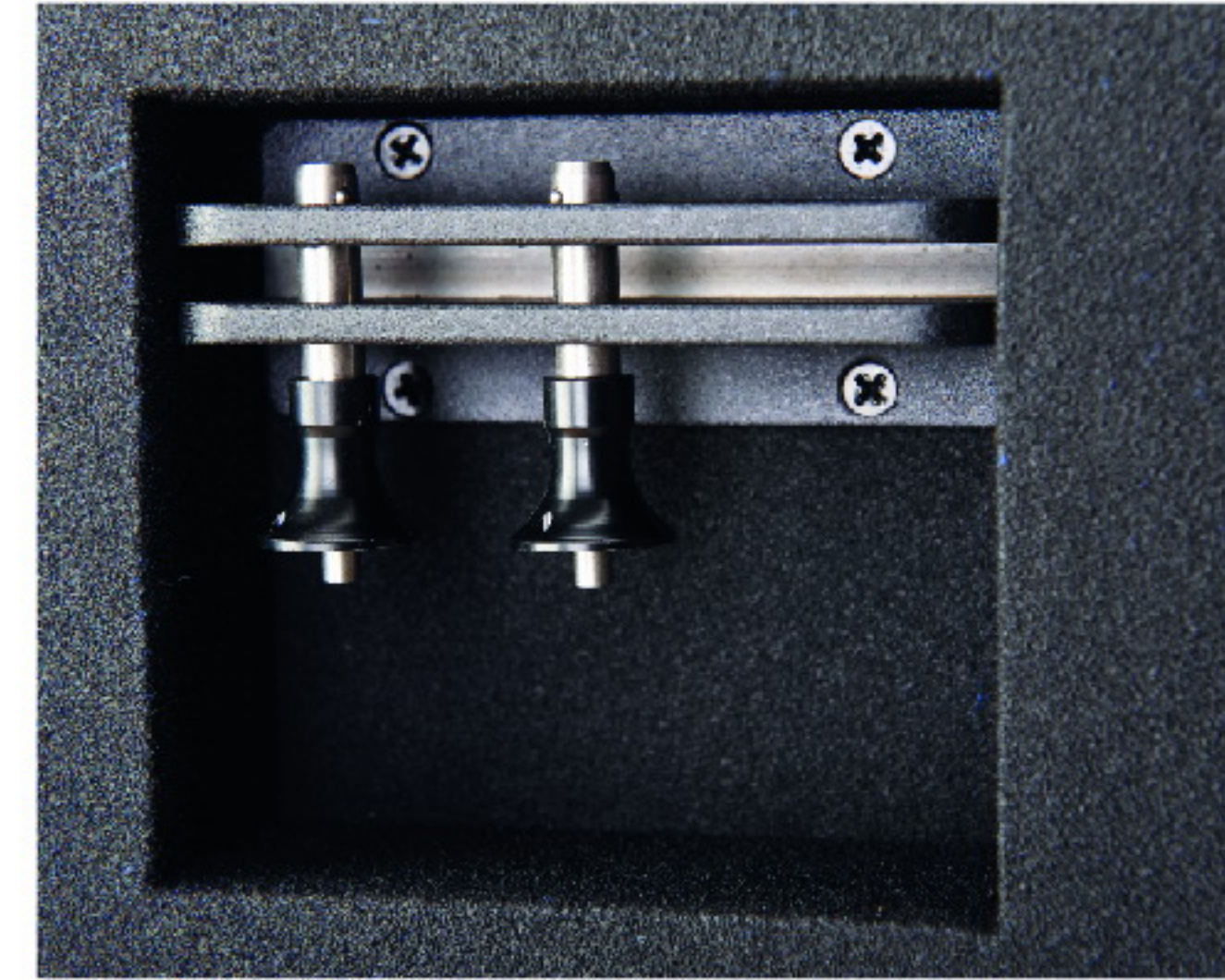
1x AX215 2x450w power amplifier for HF



1x AX225 2x750w power amplifier for MF



1x AX235 2x1100w power amplifier for LF



setup configuration 2

8 x V5 passive MF/HF cabinets
2 x V5SA active LF cabinets

SPECIFICATIONS	V5	V5S	V5SA
type	2-way line array element	subwoofer	Active Subwoofer
Frequency Response	60Hz~20KHz (-10dB) 80Hz~18KHz (±3dB)	50Hz~350Hz (-10dB) 55Hz~300Hz (±3dB)	50Hz~350Hz (-10dB) 55Hz~300Hz (±3dB)
coverage(H)(-6dB)	90°	/	/
coverage(V)(-6dB)	Depend on the size and the declining angle	/	/
LF	2×5" (127mm) / 1" voice coil	2×10" (254mm) /2.6" voice coil	2×10" (254mm) /2.6" voice coil
HF	1×1.7" (44 mm) COMPRESSION	/	/
Sensitivity(1W@1m)	LF: 90dB HF: 104dB	97dB	0dBu
Impedance	LF: 16Ω HF: 16Ω	4Ω	4Ω(LF)/ 4Ω(MF/HF)
Power handling	LF: 50W x 2 (Continuous) , 200W x 2 (Peak) HF: 50W (Continuous) , 200W (Peak)	250W x 2 (Continuous) ,1000Wx 2 (Peak)	750W(LF) 750W(MF/HF)
Max SPL(@1m)	LF: 116dB HF: 127dB	130dB	130dB
Crossover	80Hz, 1.7KHz	80Hz	80Hz
Dimension(WxHxD)	483×171×351(mm)	483×410×623(mm)	483×410×680(mm)
Weight	11kg	31kg	33kg
Vertical Spread Angle	0°~10° Each step2°		

V8

COMPACT LINE ARRAY

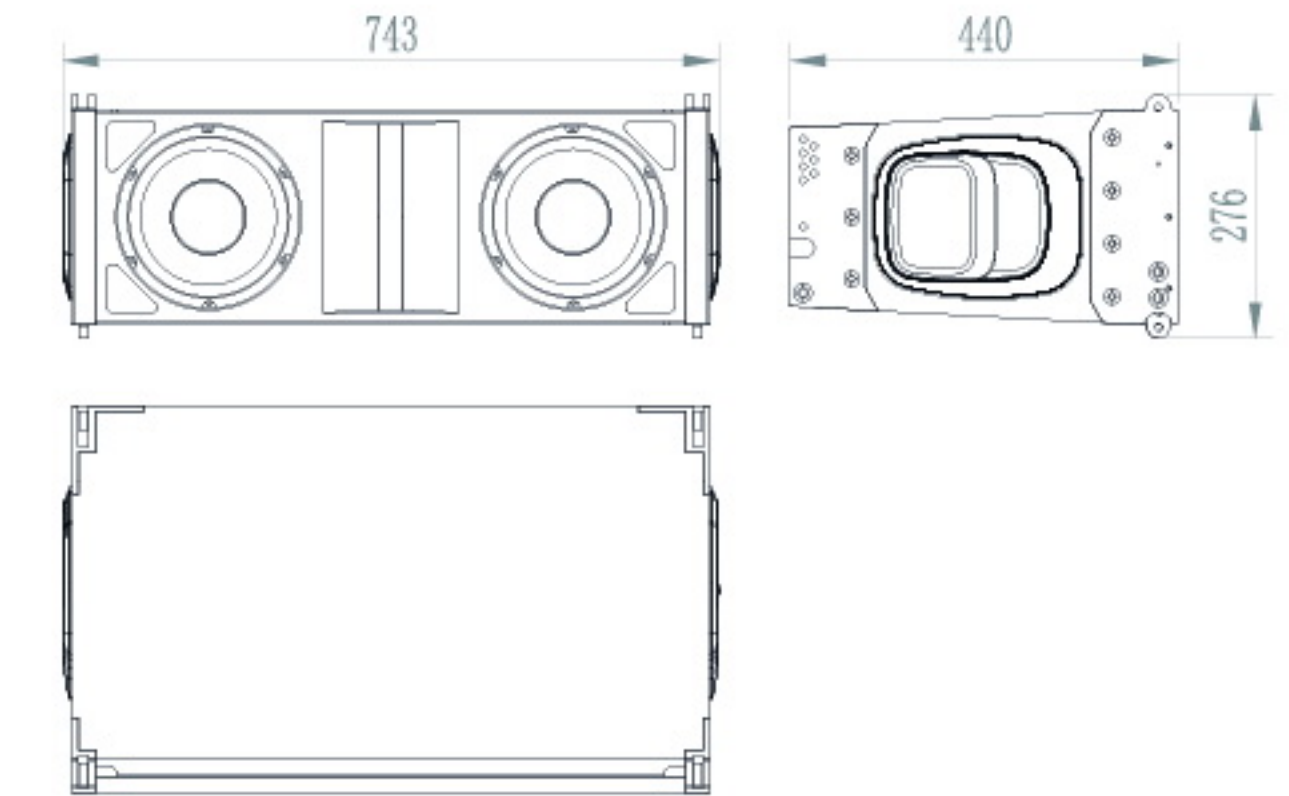
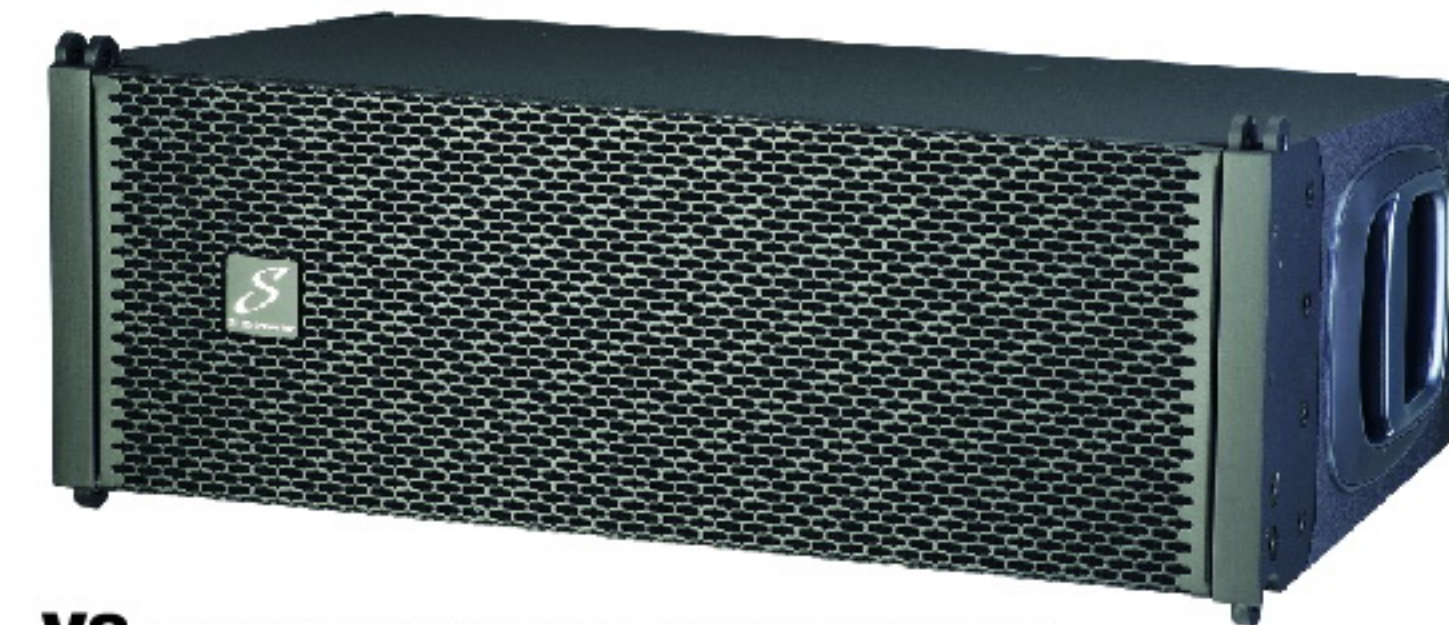


V8 line array speaker is a 2 way system, supplying a frequency scope of 65Hz-20KHz, the design of the cabinets produce a smooth frequency and phase response. Two 44mm tweeter compression units and two 8" bass units form a middle /high frequency system, which decreases greatly the cabinet weight, and supplies a high SPL/volume ratio.

The Mid / Low frequency of V8 utilizes two 150W 8" paper cone bass units fitted with a specially designed acoustic net cover, which can prevent interference and optimize the middle frequency direction. The High frequency utilizes two 44mm compression drivers. These decrease greatly the HF comb-filtering and enhances the sound articulation for long distances.

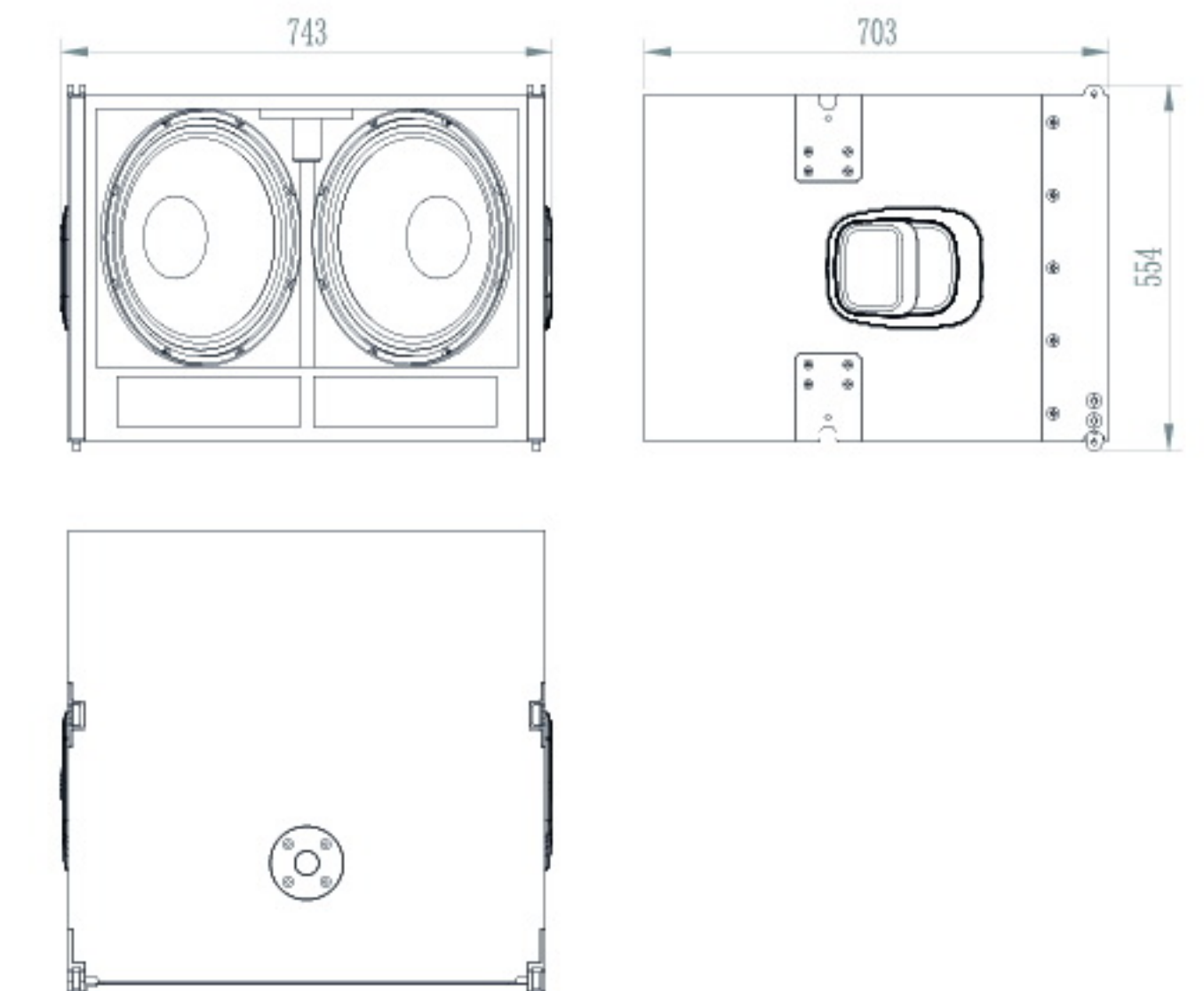
The V8 cabinet is ladder-shaped, featuring a precise aluminium hanging system. The connection angles between cabinets can be adjusted between 0°- 6° to meet the requirement for different locations.

The cabinet surface feature wear-resistant black galaxy paint. Large scoop carry handles, and Neutrik NL4 connectors on all cabinets complete the features.



V8 2-WAY PASSIVE LINE ARRAY ELEMENT

- 2x8"(203mm) / 2"voice coil
- 2x1.75" (44mm) neodymium compression driver
- Ultra compact with durable finish
- Fully adjustable aluminium suspension system available



V8S PASSIVE WOOFER CABINET

- 2x15"(388mm) / 4"voice coil
- Large 2.6" voice coils to deliver consistent high power
- Ultra compact with durable finish
- Adjustable suspension system and convenient scoop handles

SPECIFICATIONS	V8
Type	2-way passive line array element
Frequency response	65Hz~20KHz(-10dB) 80Hz~18KHz(±3dB)
Horizontal coverage (-6dB)	90°
Vertical coverage (-6dB)	Depend on the size and the declining angle
Woofer	2x8"(203mm) / 2"voice coil
Tweeter	2x1.75" (44mm) compression driver Nd magnetic
Sensitivity	LF unit: 97dB HF unit: 110dB
Impedance	LF unit: 16Ω HF unit: 16Ω
Power handling	LF unit: 300W (continuous), 1200W(peak) HF unit: 80W(continuous), 320W(peak)
Max. SPL	LF unit: 128dB HF unit: 135dB
Crossover	300Hz, 2KHz
Dimension (WxHxD)	743x276x440(mm)
Weight	30kg
perpendicular direction Dispersion	0°~6° each step 1°

SPECIFICATIONS	V8S
Type	Woofer
Frequency Response	40Hz~500Hz(-10dB) 45Hz~400Hz(±3dB)
Woofer	2x15"(388mm) / 4"voice coil
Sensitivity (1W@1M)	101dB
Nominal Impedance	4Ω
Power handling	1000W (continuous), 4000W(peak)
Crossover	300Hz
Max. SPL	137dB
Dimensions (WxHxD)	743x554.5x703(mm)
Weight	64kg

SUGGESTED SETUP CONFIGURATION

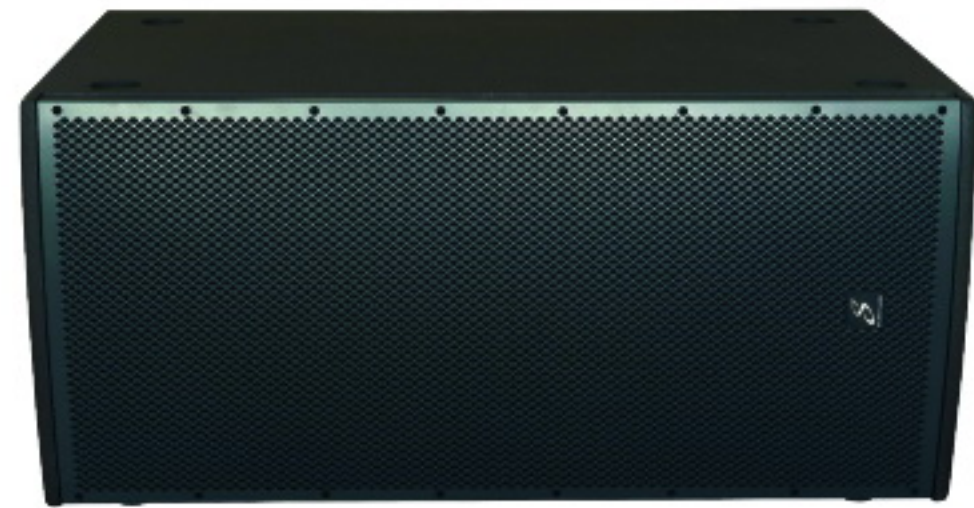


setup configuration

8 x V8 two way passive cabinets



2 x V8S Passive woofer cabinet



4 x TRX218S 2x18" passive sub cabinets



1 x AC48 4 in 8 out speaker processor

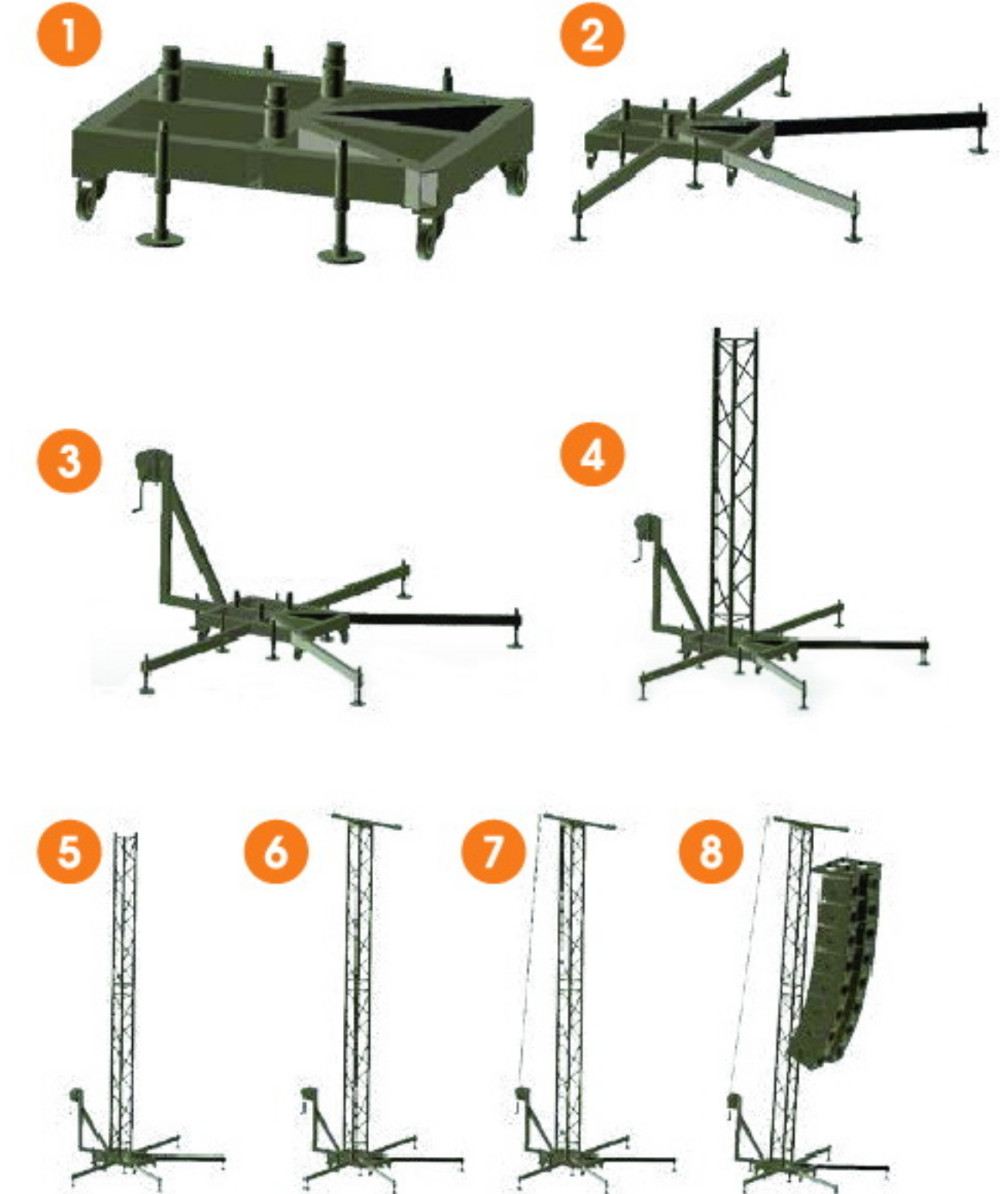


1 x SX225 2x800w power amplifier for V8 : HF
 1 x SX245 2x1800w power amplifier for V8 : MF
 1 x SX245 2x1800w power amplifier for V8S : LF
 2 x SX245 2x1800w power amplifier for TRX218S sub



V8 COMPACT LINE ARRAY

ASSEMBLY INSTRUCTIONS



V8 line array cabinet stand
 Load capacity:500kg
 Max Height:6-8m
 Material:high strength and light weighted aluminum

Apply to Hanging System of 8" Line Array



Flightcase packing for convenient transportation

V10

LINE ARRAY SYSTEM

The new V10 compact line array system, comprising 2x10" Mid/Tops, 2x15" Low mids to form your array, and 2x18" Sub bass cabinets to complete the system, and is available in both active and passive variants.

The V10 system, features very high SPL levels, with peak SPL in excess of 140dB on the passive sub bass cabinets. Connecting the V10 line array system is simple with the intelligent fast fixing system found on our larger V12 systems.

The V10 active models feature not only high power lightweight CLASS D amplifier modules along with durable power supply units, but also each cabinet is equipped with a comprehensive 56bit 96kHz DSP, featuring gain, crossover, phase, delay, unique limiting, and three useful default program settings.

Components used are high performance, to ensure long life and be able to continually provide the professional power levels required for a system of this calibre. With titanium and neodymium components, and the 18mm birch plywood cabinet, the result lets these cabinets stand out of the competition.

Features

Compact design with a high performance versus cost ratio, high SPL, superb intelligibility, low distortion and a flexible configuration.

Two-way linear sound dispersion technique to provide clear rich sounds.

Low/medium frequency driver with ultra low distortion to give high performance with a wide dynamic range.

Custom high quality titanium and neodymium HF compression driver.

Super Hi-Fi sound from the flat phase response

Birch plywood cabinet coupled with CNC routed slotted structure to give a great sound and extreme strength and rigidity.

Hard wearing water based surface treatment, to give a long lasting weather-proof finish.

Intelligent fast fixing suspension system.

120 degree horizontal coverage.

Up to 140.5dB maximum SPL.

Very low 30Hz sub bass frequency response from custom designed sub bass system.

Great integration with power amplification and digital signal processing to complete the system.

Full range of accessories available including :

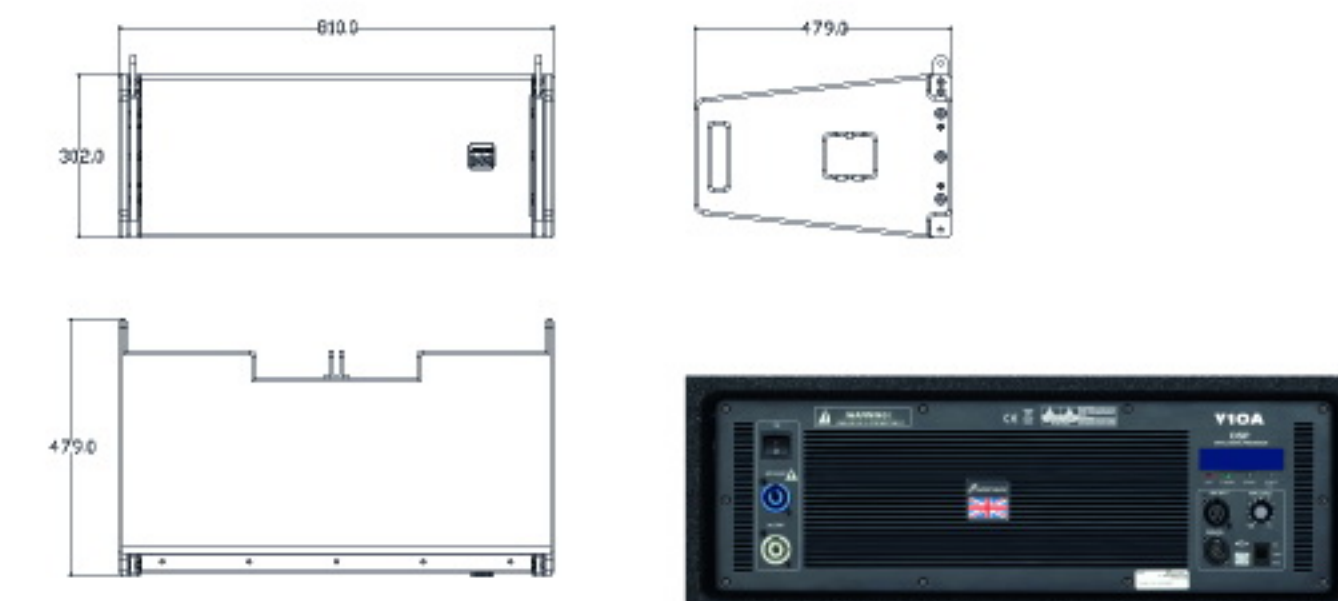
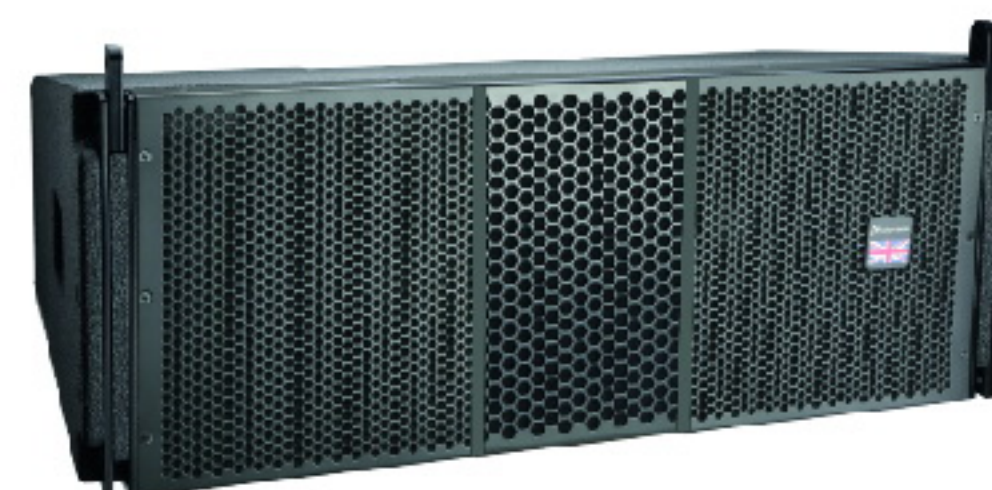
Flightcases, suspension systems, weatherproof covers

Applications

Small/medium commercial and outdoor performances venues, large/medium indoor bars, small/medium theatres etc



V10



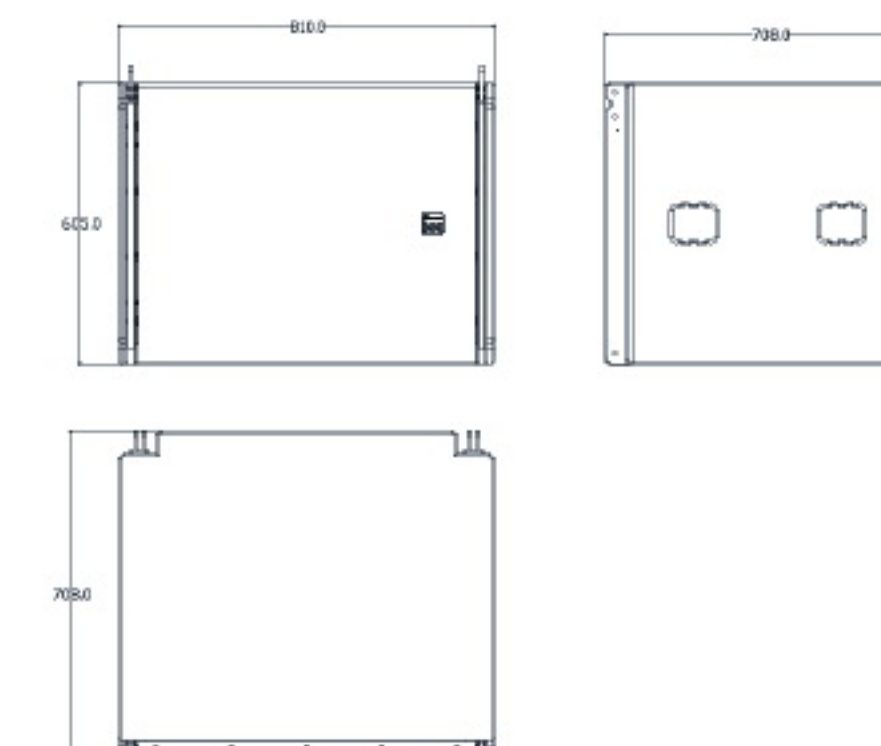
SPECIFICATIONS V10

Type	Dual 10" line array speaker
Bass Unit	2 x 10"/65mm voice coil/250W
Treble Unit	2 x 44mm, NdFeB / MYLAR / 50W
Frequency Response (-6dB)	70-18KHz
Frequency Response (-10dB)	55-20KHz
Horizontal Coverage	120°
Vertical Coverage	Vary with line array length
Sensitivity	101dB
Continuous SPL	128dB
Peak SPL	134dB
Standard Impedance	4Ω
Crossover	1.8KHz
Enclosure Material	15mm Russian birch plywood
Surface Finish	Black polyurea carbonrundum
Dimension(WxHxD)	810x302x479mm
N. W.	28kg

SPECIFICATIONS V10A

Type	Active line array speaker with DSP
Frequency Response	60Hz ~20KHz (±3dB)
Maximum SPL	128dB
LF Unit	2*10 subwoofer/65mm voice coil/250W/ferrite
HF Unit	2*44mm/NdFeB/MYLAR/50W
Horizontal Coverage	120°
Rated Power	1600W
Frequency Response	20-20KHz(±0.5dB)
IMD	<0.05%
THD	<0.05%
Processor	96KHz sample frequency, 56bit precision
Presets	LINEAR, HFX; W/SUB
Crossover	DSP control
Working Voltage	100V-240V
Angle	0°, 1°, 2°, 3°, 4°, 5°, 6°, 7°, 8°, 9°, 10° adjustable
Dimension(WxHxD)	810*302*479mm
Weight	35KG

V10S



SPECIFICATIONS V10S

Type	Dual 15" line array woofer
Bass Unit	2 x 15"/100mm voice coil/600W
Frequency Response (-6dB)	45-500Hz
Frequency Response (-10dB)	40-1000Hz
Sensitivity	102dB
Continuous SPL	133dB
Peak SPL	139dB
Standard Impedance	4Ω
Crossover	60-120Hz active suggested
Enclosure Material	15mm Russian birch plywood
Surface Finish	Black polyurea carbonrundum
Dimension(WxHxD)	810x605x708mm
Weight	60kg

SPECIFICATIONS V10SA

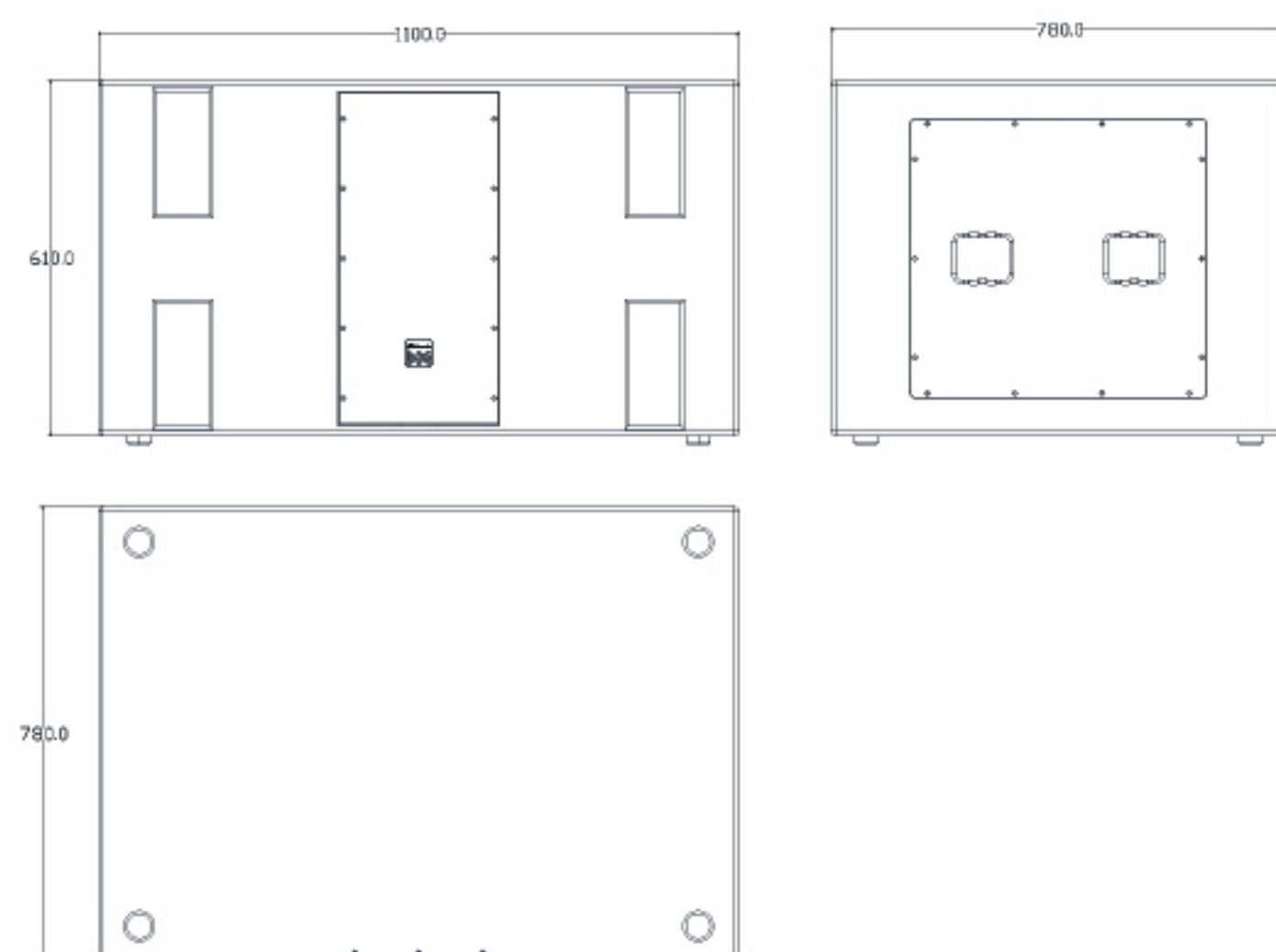
Type	Active subwoofer with DSP
Frequency Response	40 Hz ~ 250Hz (±3dB)
Maximum SPL	133dB
LF Unit	2*15subwoofer/100mm voice coil/600W/NdFeB
Rated Power	2400W
Frequency Response	20-20KHz(±0.5dB)
IMD	<0.05%
THD	<0.05%
Processor	96KHz sample frequency, 56bit precision
Presets	80Hz;100Hz;120Hz
Crossover	DSP control
Working Voltage	100V-240V
Dimension(WxHxD)	810*605*708mm
Weight	65KG



V10

LINE ARRAY SYSTEM

Dual 18" subwoofer



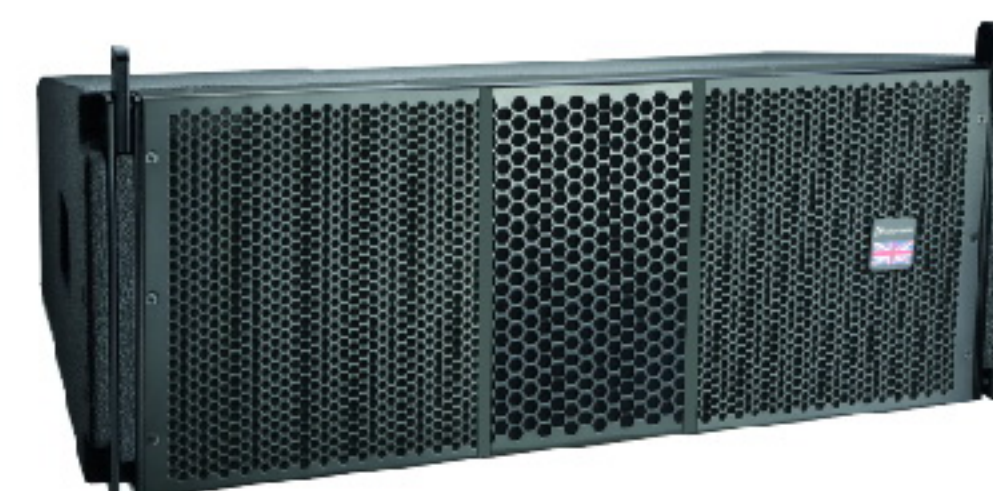
V218S



SPECIFICATIONS	V218S
Type	Dual 18" subwoofer
Bass Unit	2 x 18", 100mm voice coil, 700W
Frequency Response (-6dB)	35~500Hz
Frequency Response (-10dB)	30~1KHz
Sensitivity	103dB
Continuous SPL	134.5dB
Peak SPL	140.5dB
Standard Impedance	4Ω
Crossover	30~80Hz active suggested
Enclosure Material	18mm Russian birch plywood
Surface Finish	Black polyurea carbonrundum
Dimension(WxHxD)	1100x610x780mm
N. W.	65kg

SPECIFICATIONS	V218SA
Type	Active subwoofer with DSP
Frequency Response	35 Hz ~ 250Hz (±3dB)
Maximum SPL	138dB
LF Unit	2*18 subwoofer/100mm voice coil/1200W/NdFeB
Rated Power	2400W
Frequency Response	20-20KHz(±0.5dB)
IMD	<0.05%
THD	<0.05%
Processor	96KHz sample frequency , 56bit precision
Presets	80Hz;100Hz;120Hz
Crossover	DSP control
Working Voltage	100V-240V
Dimension(WxHxD)	1100*610*780mm
Weight	72kg

SUGGESTED SETUP CONFIGURATION



setup configuration

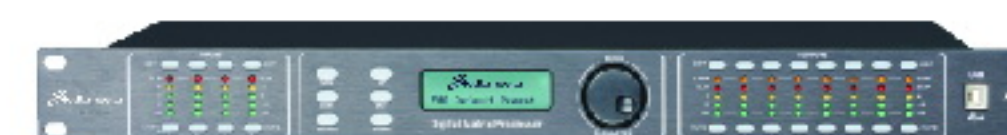
8 x V10 two way passive cabinets



2 x V10S Passive woofer cabinet



4 x V218S 2x18" passive sub cabinets



1 x AC48 4 in 8 out speaker processor



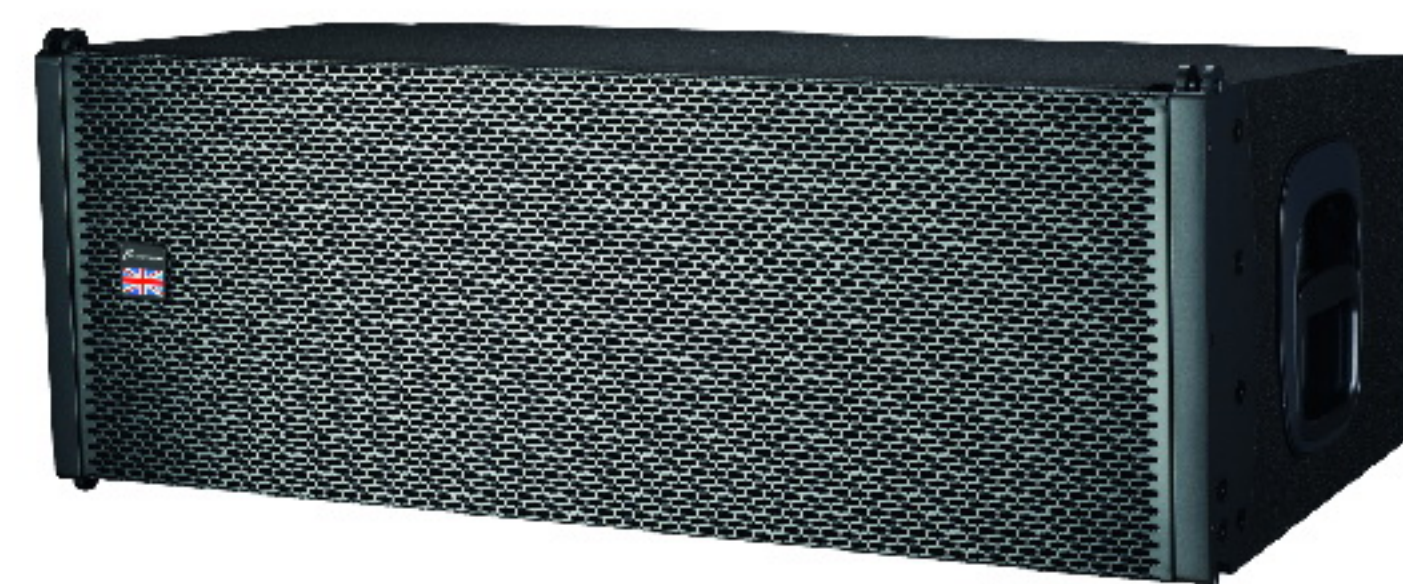
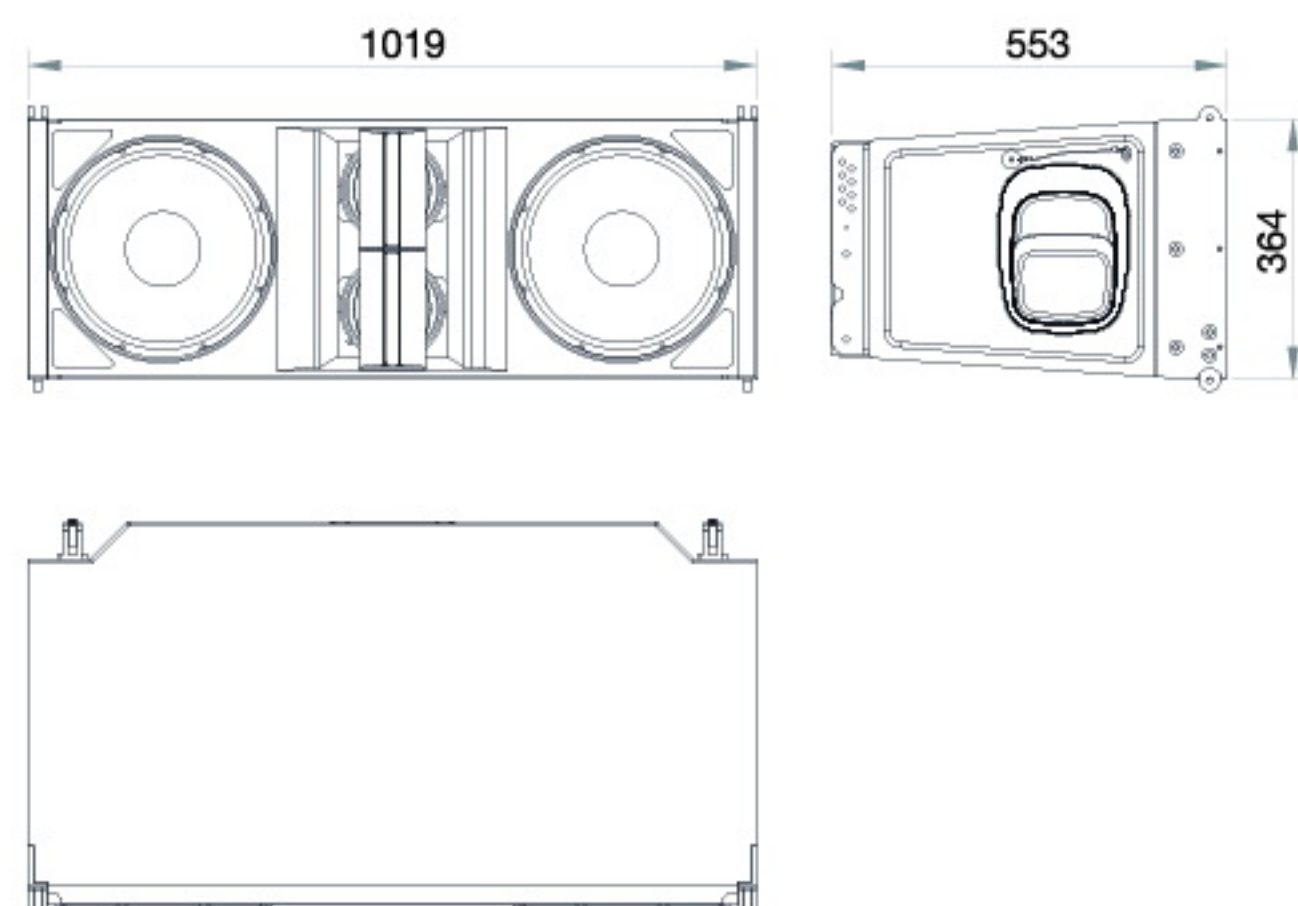
2 x SX235 2x1000w power amplifier for V8 : HF
 2 x SX235 2x1000w power amplifier for V8 : MF
 1 x SX245 2x1800w power amplifier for V8S : LF
 2 x SX245 2x1800w power amplifier for V218S sub

V12 LINE ARRAY

The Studomaster V12 line array enclosure is a new designed three way system. A large operating frequency range of 50Hz - 20kHz is achieved with a the HF being provided by two 74mm compression drivers, the MF is provided by two high sensitivity 10" drivers, and the LF by one 12" drivers. All combined together creates a system with dynamic headroom and reduced weight/size, yet still produces high SPL / volume levels.

The V12 cabinet is trapezoidal in shape, which enhances the sound projection and reduces dead spots. When suspending using the aluminium suspension system, the angles of each enclosure can be adjusted between 0 and 8 degrees.

To finish the cabinet, a durable paint finish is used, and a tough grille is fitted to protect from the hardest conditions.

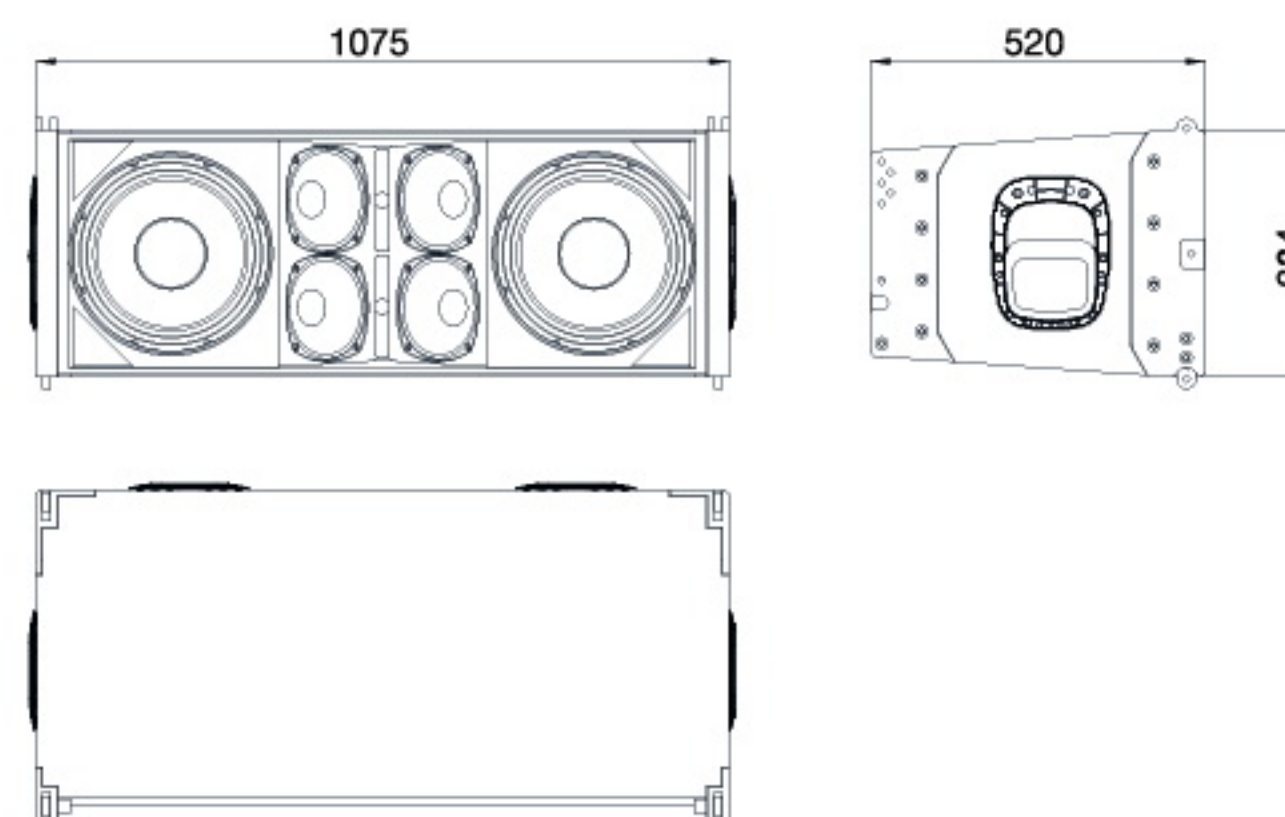


V12 THREE WAY PASSIVE LINE ARRAY ENCLOSURE

- 2 x 12" LF / 1 x 10" MF / 2 x 74mm compression drivers LF
- High efficiency and SPL from three way system
- Superior quality components used throughout
- Adjustable aluminium suspension system available
- Standard (V12) and WATERPROOF (V12W) versions available



New addition to the V12 line array range, is a brand new all weather, water resistant enclosure. Featuring premium sealed components, and a brand new hoisting system. With the all weather capabilities, the V12W is suitable for a greater range of applications.

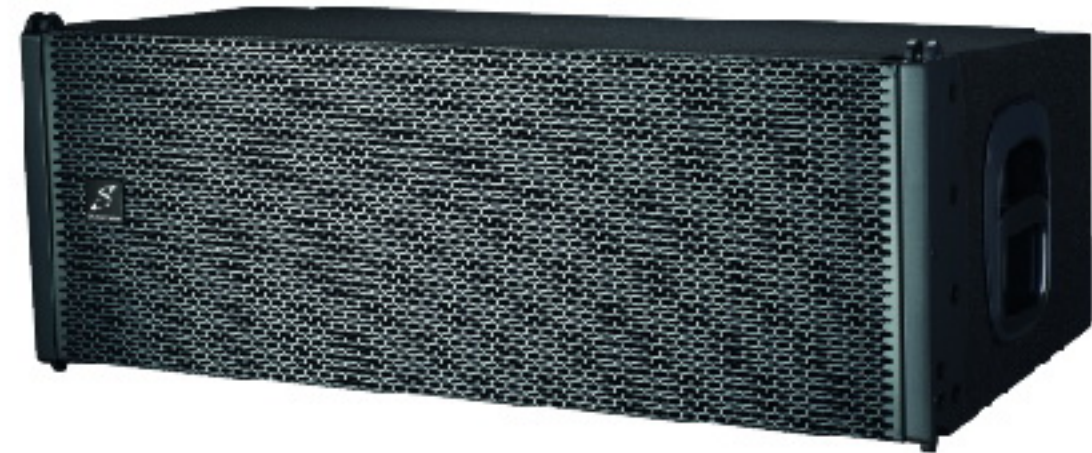


V12W THREE WAY PASSIVE LINE ARRAY ENCLOSURE

- 2 x 12" LF / 4 x 6.5" MF / 2 x 74mm compression drivers LF
- High efficiency and SPL from three way system
- Superior quality components used throughout
- Adjustable aluminium suspension system available
- Standard (V12) and WATERPROOF (V12W) versions available

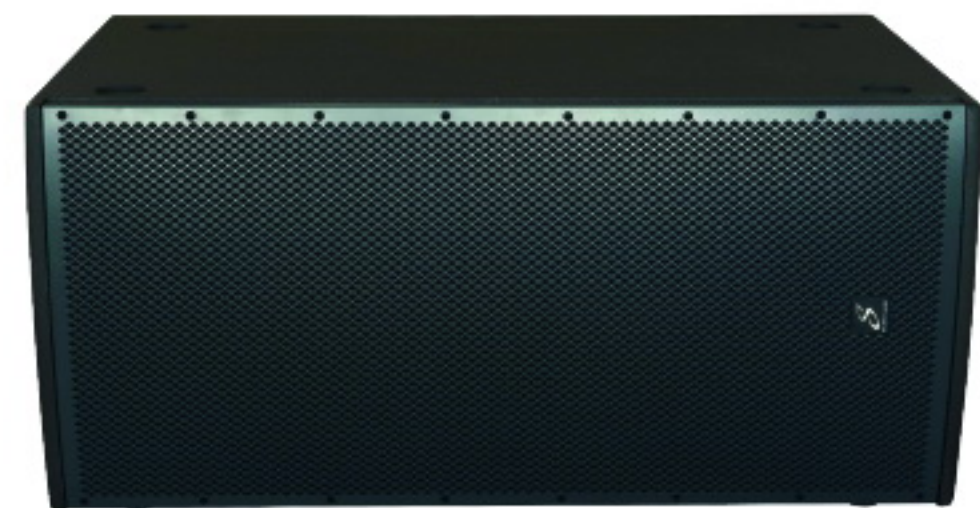
SPECIFICATIONS	V12	V12W
Type	3 way line array	3-way passive line array element
Frequency response	50Hz-20KHz (-10dB) 62Hz-18KHz (±3dB)	50Hz-20kHz(-10dB) 60Hz-18kHz(±3dB)
H coverage(-6dB)	90°	90°
V coverage(-6dB)	7.5° adjustable	Depend on the size and the declining angle
LF unit	2x12" (304 mm) / 3" voice coil	2x12"(304mm) / 4"voice coil
MF unit	1x10" (165 mm) / 2.5" voice coil/Nd magnet	4x6.5" (165 mm) / 2" voice coil /Nd magnetic
HF unit	2x3" (76mm) compression driver/Nd magnet	2x3" (76.2mm) compression driver/Nd magnetic
sensitivity (1W@1m)	LF unit: 100dB MF unit: 105 dB HF unit: 113 dB	LF unit: 99dB MF unit: 103dB HF unit: 110dB
rated impedance	LF unit: 8Ω MF unit: 8Ω HF unit: 16Ω	LF unit: 8Ωx2 MF unit: 16Ω HF unit: 16Ω
Power handling	LF unit: 800W (Continuous), 3200W (Peak) MF unit: 300 W (Continuous) , 1200W(Peak) HF unit: 180W (Continuous) , 640W (Peak)	LF unit: 700W x 2 (continuous), 2800WX2(peak) MF unit: 400 W (continuous), 1600W(peak) HF unit: 180W (continuous), 720W(peak)
max SPL(@1m)	LF unit: 135dB(Peak) MF unit: 136dB(Peak) HF unit: 141dB(Peak)	LF unit: 135dB MF unit: 135dB HF unit: 139dB
crossover	250Hz, 1.3KHz	250Hz, 2kHz
dimension(WxHxD)	1019x364x553(mm)	1075x384x520 (mm)
weight	62kg	65kg
vertical dispersion	0°-7° each step 1.8°	0°-8° each step 2°

SUGGESTED SETUP CONFIGURATION



setup configuration

8 x V12 three way passive cabinets



4 x TRX218S 2x18" passive sub cabinets

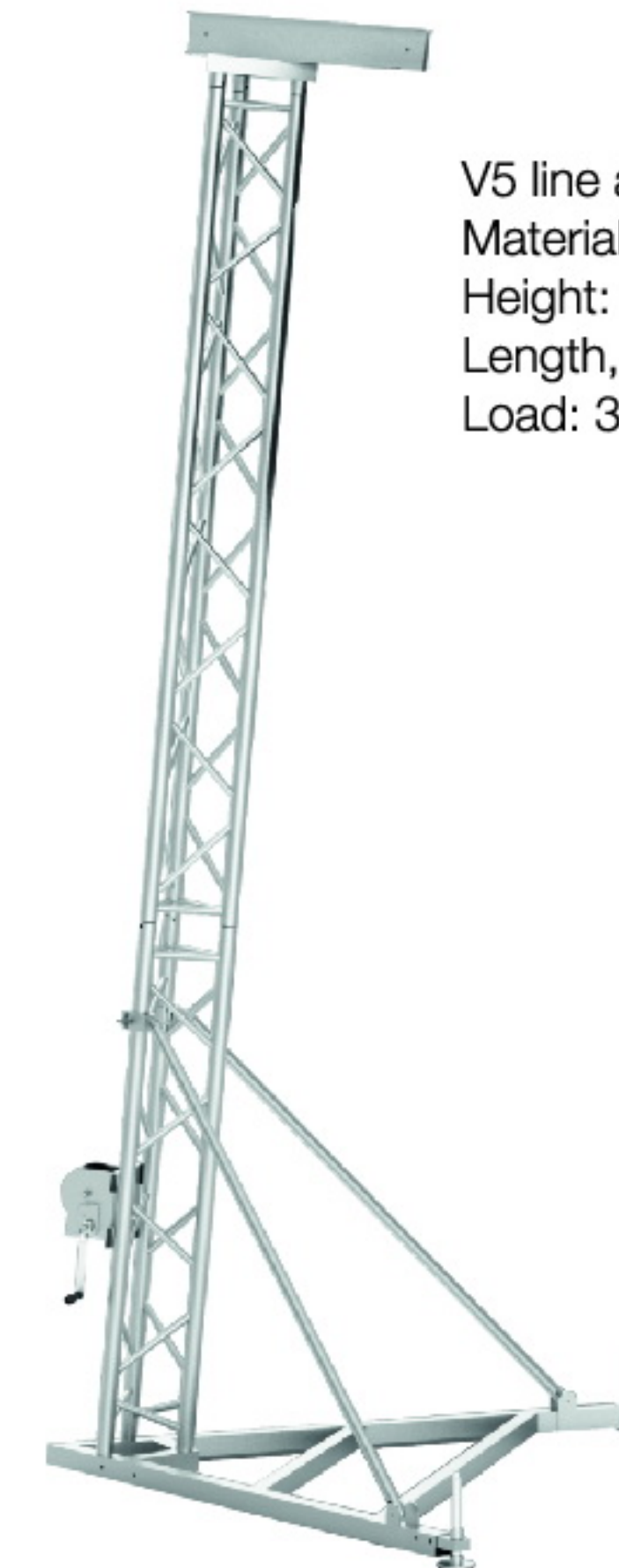


1 x AC48 4 in 8 out speaker processor

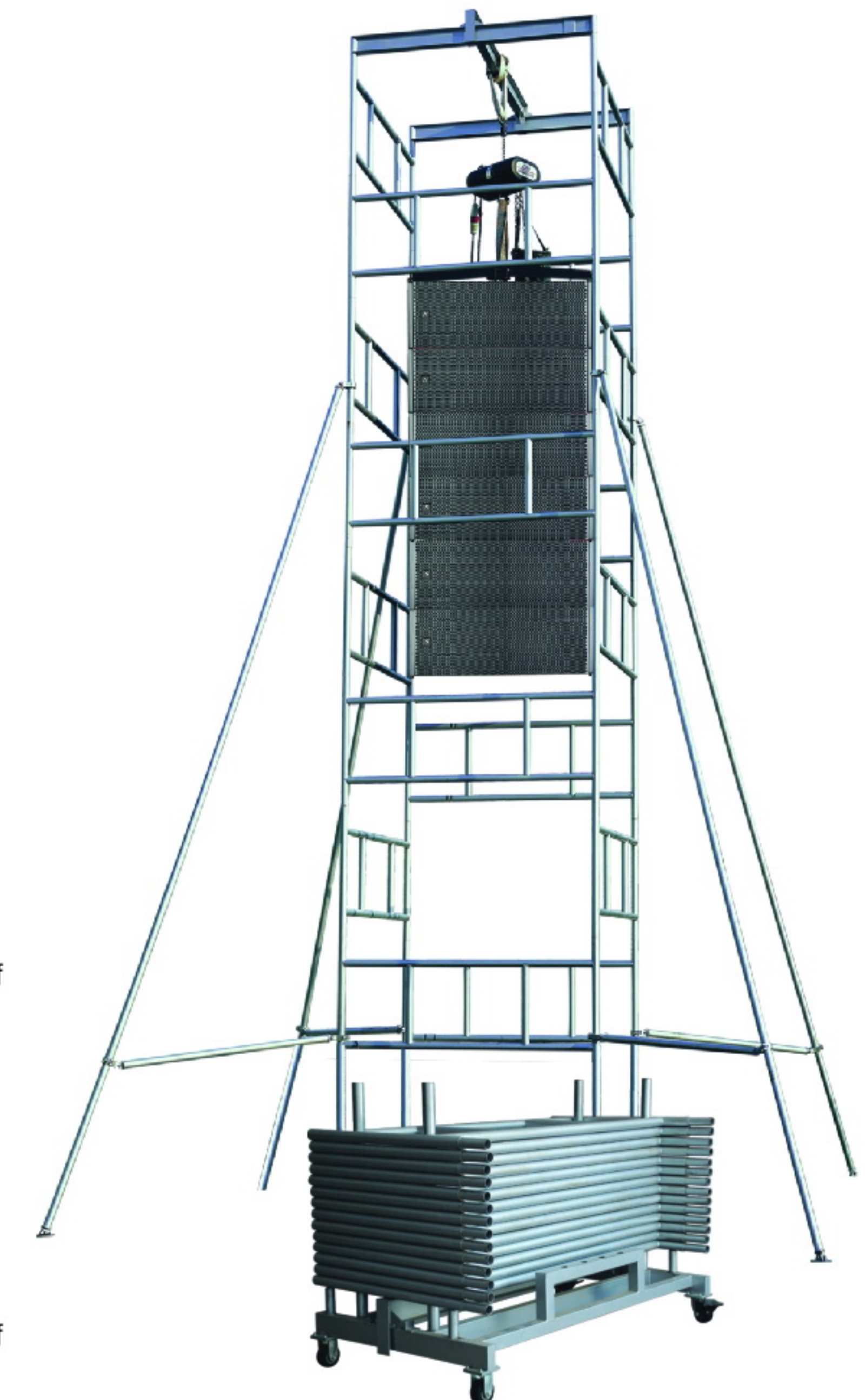


2 x SX235 2x1000w power amplifier for V12 : HF
 2 x SX235 2x1000w power amplifier for V12 : MF
 2 x SX245 2x1800w power amplifier for V12 : LF
 2 x SX245 2x1800w power amplifier for TRX218S sub

LINE ARRAY (Optional products)



V5 line array cabinet stand
 Material: AL(6082)
 Height: 6m
 Length, width: 1.5X0.5X0.5m
 Load: 300KG



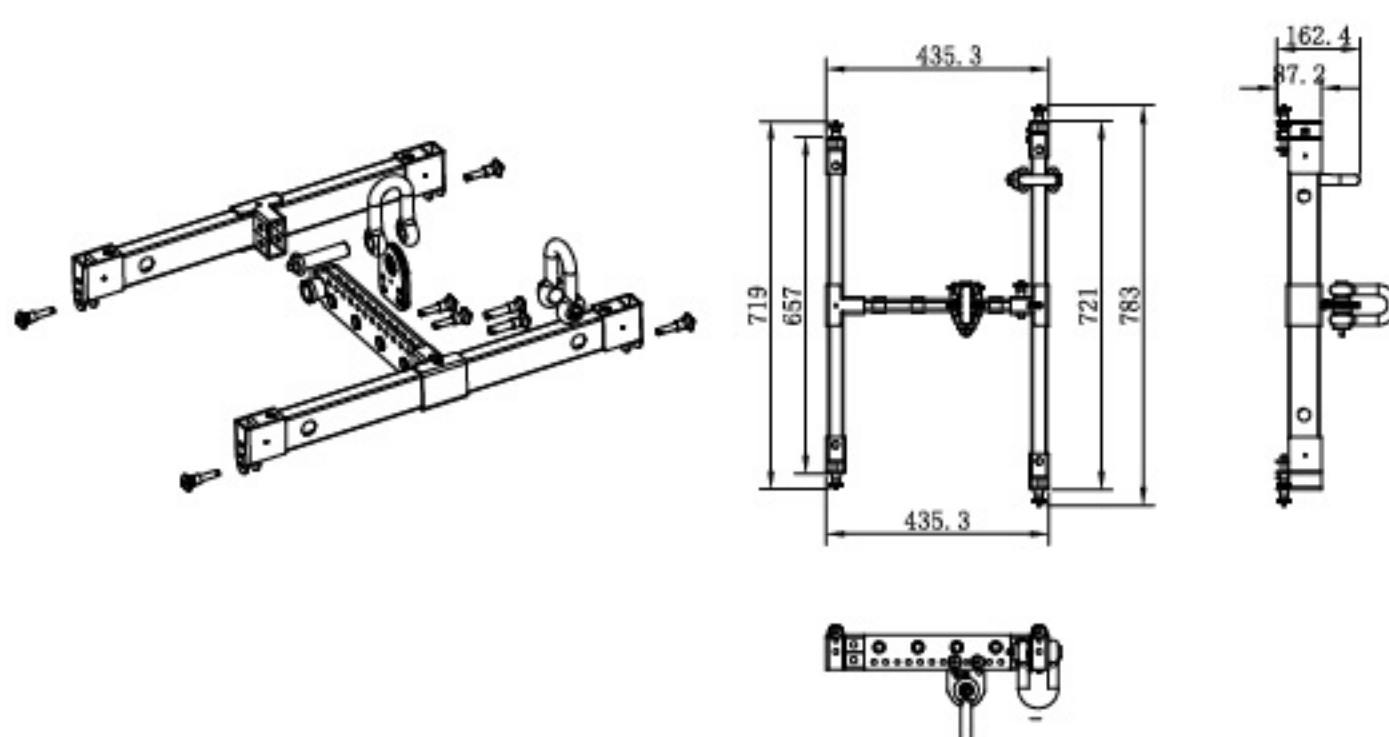
V12 line array cabinet stand 1
 Material: steel structure
 Height: 10m
 Length, width: 1.8X1.8m
 Bottom area: 5X5m
 Surface: silver paint
 Load: 800KG
 Test data 3200KG, four times of load security coefficient

V12 Line Array cabinet Stand 2
 Material: steel structure
 Height: 8m
 Length, width: 1.5X1.5m
 Bottom area: 4X4m
 Surface: silver paint
 Load: 600KG
 Test data 2400KG, four times of load security coefficient

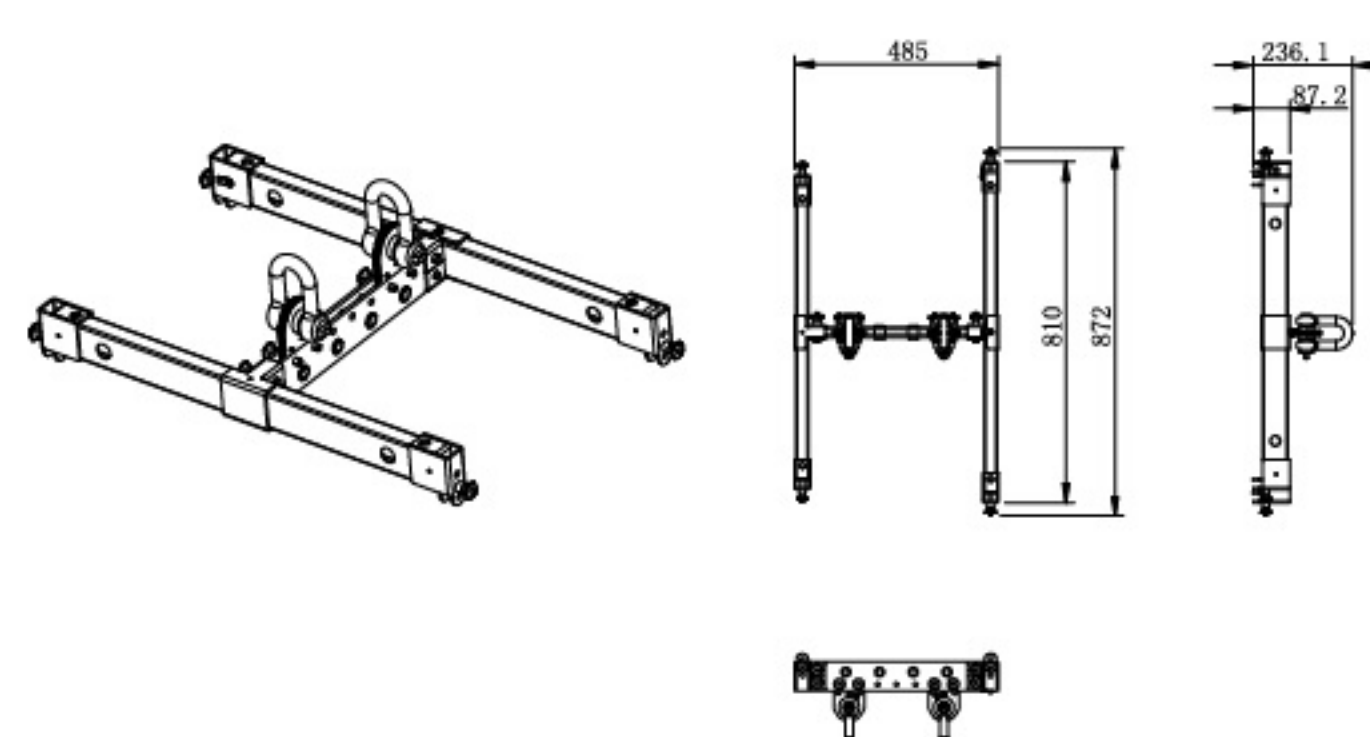
v12 line array

LINE ARRAY (Suspension accessories)

V8 Suspension racks



V10 Suspension racks



SRQ

GRAPHIC EQUALISERS

The SRQ range provides the quality & features sound engineers demand. The range consists of 3 models all with balanced XLR and screw terminal connectors.

The smallest of the range is the SRQ30, a one rack space 2x15 band graphic with frequencies spaced at 2/3 octaves. The input trim adjusts the overall signal level with signal & clip LEDs providing visual indication of signal levels. The cut and boost range is switchable from 6dB to 15dB and a bypass switch gives a quick active/bypass comparison.

Next is the two rack space SRQ62 with 2x30 bands of frequency adjustment spaced at 1/3 octaves. In addition to the facilities on the SBQ30 there is a switchable 40Hz high pass filter.

The top of the range SRQ62L has longer 45mm travel frequency faders for when accurate adjustment is required. 11 segment two colour bargraphs give a visual indication of the output level and a fully adjustable hi pass filter sweeps between 12 and 285Hz.



SRQ30 2x15 BAND 1U GRAPHIC EQUALISER

- Compact size 2x15 band 2/3octave graphic equaliser
- Input trim and signal / clip led indication
- Switchable cut/boost range for accurate adjustment
- Bypass switch for quick comparison



SRQ62 2x31 BAND 2U GRAPHIC EQUALISER

- 2x31 band 1/3octave graphic equaliser
- Input trim and signal / clip led indication
- Switchable cut/boost range and 40Hz high pass filter
- Bypass switch for quick comparison



SRQ62L 2x31 BAND 3U GRAPHIC EQUALISER

- 2x31 band 1/3octave graphic equaliser with 45mm travel faders
- Input trim and 11 segment two colour bargraph metering
- Switchable cut/boost range and fully adjustable high pass filter
- Bypass switch for quick comparison



processors
& regulators

SPECIFICATIONS SRQ

Centre frequencies 2/3 octave ISO freqs	SRQ30 SRQ62 SRQ62L	63Hz - 16kHz 20Hz - 20kHz 20Hz - 20kHz	Metering Meter calibration	SRQ62L SRQ62L	11 segment 2 colour bargraph -18 to +9dB, clip illuminates @ +18dBu
Frequency response		10Hz - 55kHz	Connections	Input Output	Balanced XLR and phoenix screw terminal Balanced XLR and phoenix screw terminal SRQ30 / SRQ62 : 25mm SRQ62L : 45mm
Frequency cut/boost		12dB	Fader travel		
Distortion		0.004%	Power requirements		100-240V ~ 50/60Hz
Signal to noise ratio		98dB	Power consumption		SRQ30 : 10W SRQ62 : 14W SRQ62L : 17W
Gain cut/boost		selectable 15dB / 6dB	Size (WxHxD)	SRQ30 SRQ62 SRQ62L	482mm(19")x44mm(1.75")x186mm(7.4") 482mm(19")x88mm(3.5")x186mm(7.4") 482mm(19")x132mm(5.25")x186mm(7.4")
Input trim range		infinity to +6dB	Weight (net/shipping)	SRQ30 SRQ62 SRQ62L	2.5kg(5.5lb) / 3.5kg(7.7lb) 3.5kg(7.7lb) / 4.5kg(9.9lb) 4.5kg(9.9lb) / 5.5kg(12.1lb)
Maximum input level		+23dBu balanced, +20dBu unbalanced			
Maximum output level		+23dBu balanced, +20dBu unbalanced			
Input impedance		20k ohms balanced, 10k ohms unbalanced			
Output impedance		<150 ohms			
Hi pass filter	SRQ62 SRQ62L	40Hz @ 12dB / oct 12-285Hz @ 12dB / oct			
Hi pass filter					



AC DIGITAL PROCESSOR

AC24 2 INPUT 4 OUTPUT DIGITAL AUDIO PROCESSOR

AC36 3 INPUT 6 OUTPUT DIGITAL AUDIO PROCESSOR

AC48 4 INPUT 8 OUTPUT DIGITAL AUDIO PROCESSOR

AC88 8 INPUT 8 OUTPUT DIGITAL AUDIO PROCESSOR



- 48kHz sampling rate, 40-bit DSP processor, 24-bit AD/DA converter.
- Input processing includes Gain, Mute, Link, High-cut, Low-cut, Noise gate, 5PEQ, Phase, Delay.
- Output processing includes Crossover, 6PEQ, Gain, Mute, Compressor/Limiter, Phase, Delay, Link.
- Every input and output can do matrix assign freely.
- Adjustable PEQ frequency, Gain and Bandwidth, the gain step is 0.1dB, we can choose style: Peak, H-shelf, L-shelf, LP-6dB, LP-12dB, HP-6dB, HP-12dB.
- The style of all High-cut, Low-cut filter and Distributor Unit: Butterworth, Linkwitz- Riley, Bessel, Slope is-6dB/oct --48dB/oct.
- Adjustable compressormiter threshold, soft knee, ratio, attached time and release time. Noise gate's threshold, hold time, attached time and release time can be adjustment.
- The parameters of input and output adjusting are linkable, revisable input and output channels.
- All delay module's delay time can reach over 680ms the step is: 0.021ms.
- Parameter setting of each channel can copy freely, build-in signal generator.
- Input and Output on the front panel are equipped with 5-segment high precision level indicators, key indicators, security protection function.
- 30 user preset, 1factory preset, device parameter and single preset file can save in computer; it also can download from computer and save in the device. The device itself can store multiple preset parameters and recall freely. With PC software, one-key online made the operation more convenient.
- USB and RS232 controlling ports, Online remote control and 255 units linkable through Rs485.



SPECIFICATIONS AC

System Specification	Frequency Response S/N Ratio Distortion(THD) Cross-talk	20Hz~20kHz, -0.3dBu >110 dBu <0.01at1kHz(0dBu) <100dB below full scale
Input Section	Type Max. Input Level Impedance	Balanced XLR +15dBu 1M Ω Stereo; 500k Ω MONO
Output Section	Type Max. Output Level (bypass) Impedance	Balanced XLR +15dBu <500 Ω
Digital Processing	24-bit sigma - delta converters 48kHz Sampling Rates	
Display	20x2LCD Display For Parameters Setting And Function Select	
Power Supply	AC~95V-264V FUSE 250VAC/2A FAST	
Dimension(LxWxH)	82x205x44CM	
Weight	2.88kg	

microphones & accessories

Studiomaster

If you're looking for a high performance microphone and don't want to pay a fortune, take a look at the KM range of dynamic mics.

They are rugged with the features you need, designed to cope with rough handling and most importantly, they sound good. These dynamic microphones have a cardioid response meaning they pick up your voice loud and clear but are much less sensitive to other, unwanted sounds. This is especially true from the rear of the microphone, handy when using stage monitors.

The KM range of microphones is supplied in a soft zipper bag, 5 metre professional XLR to XLR balanced cable (KM52/92/102) or high quality USB cable (KM103) and stand clip.

KM

DYNAMIC MICROPHONES

KM52 DYNAMIC MICROPHONE WITH ON/OFF SWITCH
KM92 DYNAMIC MICROPHONE



KM102 DYNAMIC MICROPHONE WITH ON/OFF SWITCH
KM103 USB DYNAMIC MICROPHONE



KM102 **KM103**



SPECIFICATION	KM52	KM92	KM102	KM103
Directional Characteristic	Uni-directional	Uni-directional	Uni-directional	Uni-directional
Frequency Response	50Hz-16kHz	50Hz-16kHz	40Hz-16kHz	40Hz-16kHz
Sensitivity	-54dB ±3dB(OdB=1V/Pa at 1kHz)	-54dB ±3dB(OdB=1V/Pa at 1kHz)	-52dB ±3dB(OdB=1V/Pa at 1kHz)	-52dB ±3dB(OdB=1V/Pa at 1kHz)
Impedance	500 ohms(at 1kHz)	600 ohms(at 1kHz)	600 ohms(at 1kHz)	600 ohms(at 1kHz)
On/off Switch	Yes	No	Yes	No
Construction	Die-cast Zinc Alloy	Die-cast Zinc Alloy	Die-cast Zinc Alloy	Die-cast Zinc Alloy
Finish	Dark Grey Satin	Dark Grey Satin	Champagne Satin	Champagne Satin
Cable	XLR-XLR 5m (16ft)	XLR-XLR 5m (16ft)	XLR-XLR 5m (16ft)	XLR-USB 5m (16ft)
Accessories	Soft bag/clip/cable	Soft bag/clip/cable	Soft bag/clip/cable	Soft bag/clip/cable
Size (Length x Dia)	170mm(6.7") x 52mm (2.1")	168mm(6.6") x 52mm (2.1")	190mm x 50mm	190mm x 50mm
Weight (net)	278g (0.61lb)	273g (0.6lb)	300g	320g

CM

CONDENSER MICROPHONES

New to the Studiomaster range are the CM condenser microphones.

Large diaphragm professional condenser microphones designed for superb audio quality as both main and support microphones in Studio, Stage and Broadcast applications.

The CM range of microphones are supplied in a soft zipper bag, 5 metre professional XLR to XLR balanced cable (CM51) or high quality USB cable (CM50).

CM50 CONDENSER MICROPHONE



SPECIFICATION	CM50	CM51
Capsule	Condenser	Condenser
Directional Characteristic	Uni-directional	Uni-directional
Frequency Response	30Hz-20kHz	30Hz-20kHz
Sensitivity	-36dB ±3dB(OdB=1V/Pa at 1kHz)	-36dB ±3dB(OdB=1V/Pa at 1kHz)
Impedance	100 ohms(at 1kHz)	100 ohms(at 1kHz)
Max SPL (@1kHz 1% THD)	136dB	136dB
Equivalent Noise Level	18dB A weighted	18dB A weighted
Signal to noise ratio	76dB	76dB
Working voltage	9V-52V Phantom Power	5v
Current consumption	3mA	3mA
Size (Length x Dia)	170mm x 53mm diameter	170mm x 53mm diameter
Weight (net)	318g	318g

CM51 USB CONDENSER MICROPHONE



W

DIGITAL WIRELESS MICROPHONES

Studiomaster have had high quality affordable dynamic microphones in the range for many years. We are now expanding our microphone range to include a series of practical and high quality two channel wireless microphones.

W2 DUAL HANDHELD WIRELESS MICROPHONE

- Two channel handheld wireless microphones using UHF 600-999 MHz band
- Advanced digital pilot technology, up to 200 sets can be used without interference
- Automatic frequency scan feature searches for available frequencies
- PLL system. Preset 240 non-interfered channels, adjustable 600 free frequencies
- Rechargeable handheld microphones with 80M range
- Standard 19-inch rack mounting with included rack ears

SPECIFICATION W2

Performance
 Carrier Frequency: UHF600-999MHz
 Frequency Stabilization: ± 30 ppm
 Dynamic Range: > 100 dB
 Total Harmonic Distortion: $< 0.5\%$
 Frequency Response: 40Hz-15KHz ± 3 dB
 Audio Output Level: Balanced/Unbalanced 400mV

Receiver
 Power Supply: DC15-17V
 Consume Power: 3 WATT
 Signal/Noise Ratio: > 95 dB
 Image&Spurious Rejection: > 80 dB
 Border Upon Channel Rejection: > 80 dB
 Receiving Sensitivity: 5dBuV
 De-Emphasis: 50uS

Handheld Microphone
 Transmitter Power: 30mW
 Modulation Type: FM
 Deviation: 40KHz
 Spurious Emission: > 60 dB
 Battery Voltage: 3V (2x1.5V AA Battery)
 Continuous Using: 5 hours



Optional



W2G 2.4GHZ DUAL HANDHELD WIRELESS MICROPHONE

- Using 2.4G Digital audio frequency, automatically filters out radio interference
- Smart ID code identifying synchronization technology, simple to setup multiple units
- Enhanced digital audio processing technology, for a natural sound
- Pre-set 16 selected channels for multiple unit installations
- Highly efficient battery power consumption, up to 5 hours continuous operation
- Standard 19-inch rack mounting with included rack ears

SPECIFICATION W2G

Performance
 Carrier Frequency: 2.404-2.474GHz
 Available CH: 16Channels
 Band Range: 2MHz
 Dynamic Range: 85dB
 Total Harmonic Distortion: $< 0.1\%$

Receiver
 Power Supply: DC12-17V
 Consume Power: 2 W
 Signal/Noise Ratio: > 95 dB
 Receiving Sensitivity: -80dBm

Handheld Microphone
 Transmitter Power: 10mW
 Modulation Type: GFSK
 Battery Voltage: 2x1.5V AA Battery
 Battery Life: 5 Hours



Optional



HEADPHONES

H2



- Precise closed ear structure, for accurate and pure sound
- High quality stainless steel telescopic arms with scale
- High quality headband and soft leatherette earpads
- 40mm Neodymium magnet components
- 180 degree rotatable frame to make single ear monitoring simple

SPECIFICATION H2

Type: Closed
 Style: Supra-aural
 Transducer Type: Dynamic
 Loudhailer: 40mm
 Impedance: 32 Ω
 Sensitivity: 95 ± 3 dB
 Frequency Response: 15Hz-28kHz
 Max. Power: 400mW
 Rating Power: 200mW
 Cable: About 3m (straight)
 Plug: 3.5mm+ 6.3mm
 Net Weight: 233g (with cable)
 Normal Headband Pressure: Approx.2.8N

H5



- Precise closed ear structure, for accurate and pure sound
- High quality stainless steel telescopic arms with scale,
- Quality feel and performance with aluminium ear shell cover
- 45mm Neodymium magnet components
- 180 degree rotatable frame to make single ear monitoring simple
- Screw on plug, for durability and ease of service

SPECIFICATION H5

Type: Closed
 Style: Supra-aural
 Transducer Type: Dynamic
 Loudhailer Diameter: 45mm
 Impedance: 40 Ω
 Sensitivity: 98 ± 3 dB
 Frequency Response: 10Hz-26kHz
 Max. Power: 1800mW
 Rating Power: 300mW
 Cable Length: About 3m
 Plug: 3.5mm+6.3mm

H8

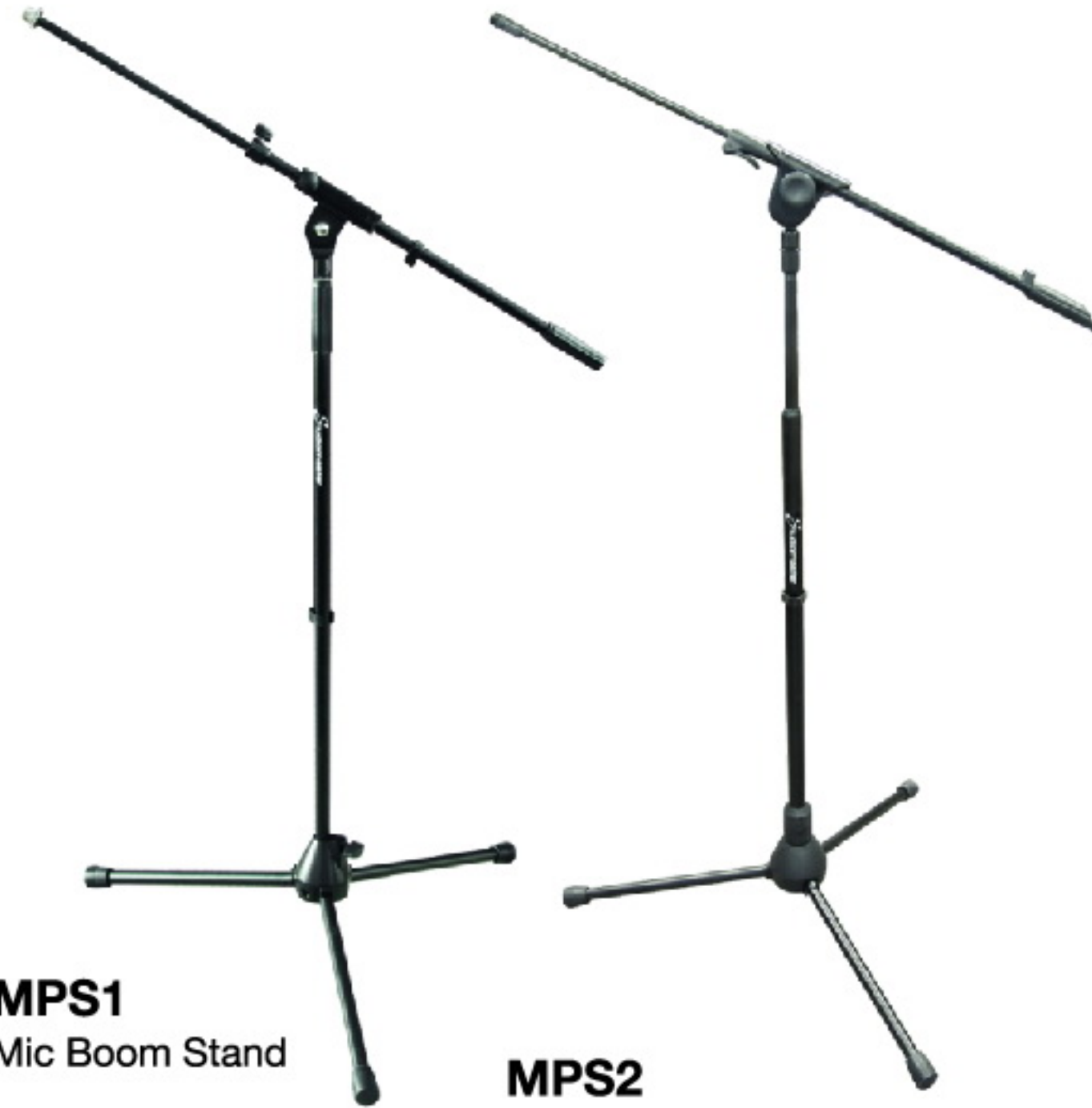


- Precise closed ear structure, for accurate and pure sound
- High quality headband and soft leatherette earpads
- Large 50mm Neodymium magnet components
- 180 degree rotatable frame to make single ear monitoring simple
- Detachable cable for ease of service

SPECIFICATION H8

Type: Closed
 Style: Supra-aural
 Transducer Type: Dynamic
 Loudhailer Diameter: 50mm
 Impedance: 32 Ω
 Sensitivity: 100 ± 3 dB
 Frequency Response: 10Hz-30kHz
 Max. Power: 1800mW
 Rating Power: 300mW
 Cable Length: About 3m
 Plug: 3.5mm+6.3mm

STANDS



MPS1
Mic Boom Stand

MPS2
Automatic Mic Boom Stand

Specification	MPS1	Specification	MPS2
Height Range	1000-1760mm	Height Range	1000-1700mm
Boom Length	530-910mm	Boom Length	530-910mm
Base	Metal	Material	Steel with Reinforced NYLON
		Weight	2kg(2.2lb)



SPS1
Speaker Stand

SPS2
Crank-up Speaker Stand

Specification	SPS1	Specification	SPS2
Height Range	1000-1800mm	Height Range	1520-2300mm
Load Capacity	50kg	Load Capacity	60kg
Material	Aluminum	Material	Steel
Weight	2.2kg(4.9lb)	Weight (Single)	9.5kg(4.9lb)



SPS3
Air-cushion Speaker Stand



SPS4
Air-cushion Speaker Stand



SPS5
Air-powered Speaker Stand

Specification:

Height: 1100-1800mm
Load capacity: 50kg
Material: aluminum alloy
Inner box: 125x135x1125mm (1pcs)
Master Carton: 295x275x1155mm (4pcs)

Specification:

Height: 1100-1800mm
Load capacity: 60kg
Material: aluminum alloy
Inner box: 130x130x1100mm (1pcs)
Master Carton: 280x280x1125mm (4pcs)

Specification:

Height: 1100-1800mm
Load capacity: 60kg
Material: aluminum alloy
Inner box: 130x130x1100mm (1pcs)
Master Carton: 280x280x1135mm (4pcs)



live sound solutions



www.studiomaster.com



studiomaster1976



studiomaster3



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