Studiomaster

since 1976

mixing consoles

power amplifiers

speaker enclosures

accessories

install

line array

BRITISH INNOVATION

2020 PRODUCTS

professional **audio** & installation

Studiomaster

since 1976

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

BRITISH
Studiomaster
INNOVATION

2020 edition1

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2020 edition1

DIGITAL CONSOLES

DIGILIVE 4C / 8C

4 AND 8 INPUT DIGITAL MIXING CONSOLE

Unique control interface allowing your mix to always be achieved even if your Wi-Fi fails

works on any device
with Wi-Fi or LAN
PHONE - TABLET - LAPTOP - any platform

4 and 8 channel versions | ultra compact | complete control from the front panel
2 or 4 effect busses | 3 operation modes | professional features throughout
record your mix | balanced input and output sockets | analogue feel to operate

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Simple to use interface with
3 operation modes
FULL - BASIC - LOCK
(lock mode only allows fader/media operation)

4 band parametric EQ
HPF and intuitive operation
SAVE EQ TO PRESETS
(basic mode converts EQ to 4 band fixed)

Analogue inspired bus/effect routing
Double tap the faders to get fast to zero
EASY TO VIEW BUS ROUTING
(you can even choose pre or post fade)

High quality compression and gate dynamics
Save presets to your library for easy recall
BASIC MODE gives simple one control
(easy to understand graphical display)

Media player with simultaneous recording
Play multiple formats from MP3 to WAV
ONE TOUCH OPERATION TO PLAY
(records L/R main mix in stereo WAV)

31 band graphic on L/R main mix outputs
Easy to use and save to your library
FULL CONTROL OVER YOUR MIX
(double tap the control to centre the fader)

SPECIFICATIONS	DIGILIVE 4C	DIGILIVE 8C
Inputs	4 analogue input	8 analogue input
MIC Input	2 MIC/LINE COMBO XLR/JACK	6 MIC/LINE COMBO XLR/JACK
LINE Input	1 STEREO Jack/3.5mm mini Jack	1 STEREO Jack/3.5mm mini Jack
Master output	2 Left/Right balanced XLR	
Internal busses	2 stereo FX / 1 mono AUX / stereo PFL / Main Mix	4 stereo FX / 2 mono AUX / stereo PFL / Main Mix
Stereo Monitor	1 TRS Jack output	2 TRS Jack output
Headphone	1 TRS Jack output	1 TRX Jack output
Control Interface	Full mix from 3 rotary encoders	
Sample Frequency	48 KHz	
AD/DA	48KHz, 24-bit	
DSP	40-bit float point, SHARC processor	
Remote control	Cross platform - Any device with Wi-Fi / Lan and web browser	
Effects	2 - programmable DELAY and REVERB	4 - programmable DELAY x 2 and REVERB x 2
Digital input/outputs		
USB Interface	2 for playback/recording, scene storage and system updates	
Network	yes via WIFI external module or RJ45 LAN connection	
Power	90-240V ~ 50/60Hz power supply 12VDC output	
Dimension (w x h x d)	220 x 90 x 180mm	220 x 90 x 180mm
Weight	6kg	8kg

DIGILIVE 16

DIGILIVE

20 INPUT DIGITAL MIXING CONSOLE

16 analogue input - 12 mic / 2 stereo
4 digital input - stereo USB playback / spdif

app available on
iOS and **Android**

optional 19" **rack mount** kit available

16 analogue inputs with 16 internal busses

12 superior analogue input channels

9 motorized 100mm faders

up to 8 internal effect busses

8 configurable XLR outputs

high res touch 7" screen

s/pdif in/out and AES-EBU output

iOS & Android app

intelligent user interface

■ simple to use 1024x600 7" touchsceen 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

recording and playback

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

mixing made easy

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

smart outputs

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

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

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
■ automatic real time analysis (RTA) on 31 band graphic equaliser

advanced hybrid user interface

SPECIFICATIONS   DIGILIVE16

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		
AES/EBU	Output (XLR)	
S/PDIF	Input / Output (RCA phono)	
USB Interface	2 for playback/recording, scene storage and system updates	
Network	yes via WIFI external module	
Power	90-240V ~ 50/60Hz power supply 12VDC output	
Dimension (w x h x d)	357 x 145 x 480mm	

DIGILIVE 16RS / 16P-600

20 INPUT RACK-MOUNT DIGITAL MIXING CONSOLE

16 analogue input - 12 mic / 2 stereo
4 digital input - stereo USB playback / spdif

DIGILIVE 16RS - 8 XLR outputs

unpowered RS and **powered** P-600 models

DIGILIVE 16P-600 - 4 XLR outputs + 4x150W amplifier

app available on **iOS** and **Android**

16 analogue inputs with 16 internal busses

12 superior analogue input channels

9 motorized 100mm faders

up to 8 internal effect busses

8 configurable XLR outputs

high res touch 7" screen

s/pdif in/out and AES-EBU output

iOS & Android app

intelligent user interface

- simple to use 1024x600 7" touchsceen with clear and informative graphics
- clear visual representation of all channel and mixer settings
- use either touchscreen or encoder to adjust any setting
- high definition rotary encoders with led indicators
- solo, mute and channel select buttons for each channel

recording and playback

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

mixing made easy

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

smart outputs

- 16 internal busses with 8 balanced XLR outputs or 4 x XLR + 4 amp channels
- comprehensive routing facilities to maximise mixer flexibility
- simple and clear selection and routing

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

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
- automatic real time analysis (RTA) on 31 band graphic equaliser

advanced hybrid user interface

SPECIFICATIONS   DIGILIVE16

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	RS = 6 assignable balanced XLR P600 = 2 assignable balanced XLR + 4 4-pole speaker outputs	
Internal busses	16	
Stereo Monitor	1	TRS Jack output
Headphone	1	TRS Jack output
Screen	7" high definition touch screen	
Control	9 x high resolution rotary encoders with led indication	
Operating System	Android system	
Sample Frequency	48 KHz	
AD/DA	192KHz, 24-bit	
DSP	40-bit float point, SHARC processor	
Tablet Remote control	iOS and Android	
Effects	up to 8 assignable effect modules (reverb,modulation,delay, 31band GEQ with RTA)	
Digital input/outputs		
AES/EBU	Output (XLR)	
S/PDIF	Input / Output (RCA phono)	
USB Interface	2 for playback/recording, scene storage and system updates	
Network	yes via WIFI external module	
Power all models	100-120V/200-240V ~ 50/60Hz power supply	
Amplifier power	DIGILIVE16P-600 4 x 150 watts (RMS) at 4 ohms	

ANALOGUE
CONSOLES

C2/C2S *ultra compact*

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

4 models - 2 or 4 mic input with/without USB interface · **ultra compact design**
2-band EQ on all channels · **USB interface for playback/record** · **auxiliary output**
balanced inputs and outputs · **multiple applictions** · **external power supply**

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	0dB to +45dB	0dB to +45dB	0dB to +45dB
	Line Input	-20dB to +25dB	-20dB to +25dB	-20dB to +25dB	-20dB to +25dB
Input Impedance	Line	20k ohm balanced	20k ohm balanced	20k ohm balanced	20k ohm balanced
	Playback+ CDMP3	24k ohm unbalanced	24k ohm unbalanced	24k ohm unbalanced	24k ohm unbalanced
EQ	Hi	+/-15dB @ 12kHz	+/-15dB @ 12kHz	+/-15dB @ 12kHz	+/-15dB @ 12kHz
	Lo	+/-15dB @ 80Hz	+/-15dB @ 80Hz	+/-15dB @ 80Hz	+/-15dB @ 80Hz
Maximum Output	Main Mix	+21dB +/-2dB	+21dB +/-2dB	+21dB +/-2dB	+21dB +/-2dB
	Aux Send	+18dBu +/-2B	+18dBu +/-2B	+18dBu +/-2B	+18dBu +/-2B
Output Impedance	Record	1k ohm	1k ohm	1k ohm	1k ohm
	Headphones	25k ohm	25k ohm	25k ohm	25k ohm
USB		N/A	2 channel playback/record	N/A	2 channel playback/record
Dimensions (WxHxD)		165 x 75 x 244mm	165 x 75 x 244mm	218 x 75 x 244mm	218 x 75 x 244mm
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 *5 input compact*

CLUBXS+ *consoles*

6 TO 12 INPUT COMPACT CONSOLES
now with **DSP on/off footswitch** socket
19" rack mount adapters or dedicted models available

compact 5 input - 1mic / 2 stereo mixer   usb/sd card media playback/record

bluetooth playback   built in echo effect   3 band EQ on mic channel

2 band EQ on stereo channels   external power supply   phantom power

SPECIFICATIONS CLUB XS 5

Inputs	5
Mic Input channels	1
Stereo Input channels	2
Gain	MIN - MAX
Mic	6dB—+50dB
Line	+10dB - -34dB
EIN	-100dB
Frequency response	
Mic Channel	10Hz - 20kHz+1/-3
THD Mic Channel	≤0.1%
Signal to noise ratio	80dB
Output Levels	MAX +26(BAL)
	MAX +20(UNBAL)
Channel EQ	
Hi	12kHz
Mid	2.5kHz
Lo	45Hz
Lo Cut	
MP3/USB/SD Audio playback	YES
USB/SD Audio recording	YES
DSP Effects	ECHO EFFECT
Power requirements	100V - 240V ~
Dimensions (w x h x d)	195 x 80 x 270mm
Weight	??kg

updated cosmetics

4 models - 6, 8, 10 or 12 input   DSP effects   3 band EQ on all mic channels

adjustable compressor and HPF   USB/SD card recording/playback   bluetooth playback

DSP on/off footswitch socket   rack mounting option   internal power supply

CLUBXS+ consoles

CLUBXS+

CLUBXS6+
6 input, 2 mic + 2 stereo with media/bluetooth

CLUBXS8+
8 input, 4 mic + 2 stereo with media/bluetooth

CLUBXS10+
10 input, 6 mic + 2 stereo with media/bluetooth

CLUBXS12+
12 input, 8 mic + 2 stereo with media/bluetooth

CLUBXS16+
16 input, 12 mic + 2 stereo with media/bluetooth

12 mic + 2 stereo channels	DSP effects	3 band EQ on all mic channels
adjustable compressor and HPF	USB/SD card recording/playback	bluetooth playback
DSP on/off footswitch socket	channel PFL and mute	two auxiliary outputs

SPECIFICATIONS	CLUB XS6+	CLUB XS8+	CLUB XS10+	CLUB XS12+
Inputs	6	8	10	12
Mic Input channels	2	4	6	8
Stereo Input channels	2	2	2	2
Gain	MIN - MAX	MIN - MAX	MIN - MAX	MIN - MAX
Mic	6dB—+50dB	6dB—+50dB	6dB—+50dB	6dB—+50dB
Line	+10dB - -34dB	+10dB - -34dB	+10dB - -34dB	+10dB - -34dB
EIN	-100dB	-100dB	-100dB	-100dB
Frequency response				
Mic Channel	10Hz - 20kHz+1/-3	10Hz - 20kHz+1/-3	10Hz - 20kHz+1/-3	10Hz - 20kHz+1/-3
THD Mic Channel	≤0.1%	≤0.1%	≤0.1%	≤0.1%
Signal to noise ratio	80dB	80dB	80dB	80dB
Output Levels	MAX +26(BAL)	MAX +26(BAL)	MAX +26(BAL)	MAX +26(BAL)
	MAX +20(UNBAL)	MAX +20(UNBAL)	MAX +20(UNBAL)	MAX +20(UNBAL)
Channel EQ				
Hi	12kHz	12kHz	12kHz	12kHz
Mid	2.5kHz	2.5kHz	2.5kHz	2.5kHz
Lo	45Hz	45Hz	45Hz	45Hz
Lo Cut	80Hz	80Hz	80Hz	80Hz
MP3/USB/SD Audio playback	YES	YES	YES	YES
USB/SD Audio recording	YES	YES	YES	YES
DSP Effects	YES	YES	YES	YES
Power requirements	100V - 240V ~	100V - 240V ~	100V - 240V ~	100V - 240V ~
Dimensions (w x h x d)	250 x 80 x 365mm	305 x 80 x 365mm	360 x 80 x 365mm	415 x 80 x 365mm
Weight	3.5kg	4.5kg	5kg	5.5kg

SPECIFICATIONS	CLUB XS16+
Inputs	16
Mic Input channels	12
Stereo Input channels	2
Gain	MIN - MAX
Mic	6dB—+50dB
Line	+10dB - -34dB
EIN	-100dB
Frequency response	
Mic Channel	10Hz - 20kHz+1/-3
THD Mic Channel	≤0.1%
Signal to noise ratio	80dB
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 h x d)	525 x 80 x 390mm
Weight	7.3kg

C6/C6XS consoles

C6/C6XS

The 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.

C6 12
12 input, 6 mic + 4 stereo channels

C6 XS12
12 input, 6 mic + 4 stereo channels with DSP/USB

C6 16
16 input, 10 mic + 4 stereo channels

C6 XS16
16 input, 10 mic + 4 stereo channels with DSP/USB

12 and 16 input models · **DSP effects on XS models** · **long lasting 60mm faders**
1/2 stereo sub groups · **2 / 4 auxiliary busses** · **USB recording / playback on XS models**
3-band with mid sweep on mics · **channel PFL and mute** · **compressor on mic channels**

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			
Mic	15dB - 60dB	15 dB --60 dB	15 dB --60 dB	15 dB --60 dB
EIN	-128dB	-128dB	-128dB	-128dB
Frequency response				
Mic Channel	20HZ-20KHZ+1-3	20HZ-20KHZ+1-3	20HZ-20KHZ+1-3	20HZ-20KHZ+1-3
THD Mic Channel	≤0.1%	≤0.1%	≤0.1%	≤0.1%
Output Levels	MAX.+28(BAL)	MAX.+28(BAL)	MAX.+28(BAL)	MAX.+28(BAL)
	MAX.+22(UNBAL)	MAX.+22(UNBAL)	MAX.+22(UNBAL)	MAX.+22(UNBAL)
Channel EQ				
Hi	12KHZ	12KHZ	12KHZ	12KHZ
Mid	2.7KHZ	2.7KHZ	500HZ-2.7KHZ	500HZ-2.7KHZ
Lo	100HZ	100HZ	100HZ	100HZ
Lo Cut	100HZ	100HZ	100HZ	100HZ
USB Audio	NO	YES	NO	YES
DSP EFX	NO	YES	NO	YES
Power requirements	30W	30W	35W	35W
Dimensions (w x h x d)	475 x 225 x 515mm	475 x 225 x 515mm	585 x 250 x 590mm	585 x 250 x 590mm

POWERHOUSE *powered*

POWERHOUSE

The latest in the Studiomaster powered mixer range is the powerful yet affordable Powerhouse XS12. Based upon the newly launched CLUBXS16+, with two monitor busses, PFL's and a DSP footswitch, the new Powerhouse has a reduced channel count and a powerful 2 x 500W built-in power amplifier.

Perfect for live performances, with a pair of passive DRIVE 12 or 15 loudspeakers the Powerhouse XS12 will give you all the features and benefits you need to give the impressive performance you are wanting.

POWERHOUSE XS12
12 input, 2 x 500W powered mixer

8 mic + 2 stereo channels   **DSP effects**   **2 x 500W (4ohm) powered mixer**

adjustable compressor and HPF   **USB/SD card recording/playback**   **bluetooth playback**

DSP on/off footswitch socket   **channel PFL and mute**   **3 band EQ on all mics**

SPECIFICATIONS	PHXS-12
Inputs	12
Mic Input channels	8
Stereo Input channels	2
Amplifier power	2 x 500W at 4ohms
Gain	MIN - MAX
Mic	6dB—+50dB
Line	+10dB - -34dB
EIN	-100dB
Frequency response	
Mic Channel	10Hz - 20kHz+1/-3
THD Mic Channel	≤0.1%
Signal to noise ratio	80dB
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	115 / 230V
Dimensions (w x h x d)	410 x 150 x 440mm
Weight	9kg

AX2 2U power amplifiers

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.

AX2 15 2 x 450W 2U POWER AMPLIFIER

AX2 25 2 x 750W 2U POWER AMPLIFIER

AX2 35 2 x 1100W 2U POWER AMPLIFIER

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.

designed for operation to 2 ohms **built in flexible 2-way active crossover**

35Hz hi-pass filters **twin variable speed fan cooling** **comprehensive amp status leds**

compact 2U size with up to 2900W **fully ventilated steel chassis**

professional inputs and efficient cooling

built in active crossover

SPECIFICATIONS AX2

Output power per channel		**AX215**	**AX225**	**AX235**
Both channel @ 8 ohms RMS		270 watts	450 watts	710 watts
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
Bridged @ 4 ohms RMS		1150 watts	1950 watts	2900 watts
Input sensitivity	rated power 4 ohm	0dBu 0.775V		
Distortion THD	1kHz @ rated power	AX215/AX225 : 0.01% AX235 : 0.02%		
Frequency response	20Hz - 20kHz	+0 / -0.5dB		
Signal to noise ratio	rated power 4 ohm	100dB unweighted		
Input filter	3rd order 18dB/oct	35Hz		
Crossover		Selectable 100 / 150Hz 3rd order filter		

Cooling		Twin variable speed fans. Back to front airflow
Protection		Full short circuit, open circuit, thermal, ultrasonic and RF protection. Stable into mismatched or reactive loads
Output circuit type		AX215 : AB AX225 : AB+H(2) AX235 : AB+H(3)
Power requirements		230V +/-10% 50/60Hz
Power consumption @ 230V 1/3power pink noise		AX215 : 4.6A AX225 : 7A AX235 : 8.2A
Connections	Input	Combination XLR and jack, Male XLR link socket
	Output	4 pole industry standard sockets
Size (WxHxD)	All models	482mm(19") x 89mm(3.5") x 394mm(15.5")
Weight (net/shipping)	AX215	16kg(35.2lb) / 20kg(44lb)
	AX225	19.4kg(42.7lb) / 23kg(50.6lb)
	AX235	21.8kg(47.9lb) / 26kg(57.2lb)

LIVE AMPLIFICATION

HX 1U digital power amplifiers

The HX series, are ultra lightweight, compact, yet packed with high performance power ratings and features and available in eight 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.

- 8 models with 2 and 4 channel versions
- universal 90-250V operation with PFC
- operates down to 2 ohms
- variable speed fan cooling
- multiple gain modes
- status and protection indicators
- stereo/parallel/bridge modes

SPECIFICATIONS   HX SERIES

HX SERIES – SPECIFICATIONS

		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	2×150W	2×250W	2×350W	2×450W	4×150W	4×250W	4×350W	4×450W
	4Ω/ stereo	2×255W	2×425W	2×595W	2×765W	4×255W	4×425W	4×595W	4×765W
	2Ω/ stereo	2×435W	2×725W	2×1015W	2×1300W	4×435W	4×725W	4×1015W	4×1300W
	16Ω/ bridged	300W	500W	700W	900W	2×300W	2×500W	2×700W	2×900W
	8Ω/ bridged	510W	850W	1190W	1530W	2×510W	2×850W	2×1190W	2×1530W
	4Ω/ bridged	870W	1450W	2030W	2600W	2×870W	2×1450W	2×2030W	2×2600W
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			

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QX 1U digital power amplifiers

The 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 opertion, 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.

- 9 models with 2 and 4 channel versions
- universal 90-250V operation with PFC
- operates down to 2 ohms
- variable speed fan cooling
- multiple gain modes
- status and protection indicators
- stereo/parallel/bridge modes
- power up to 4 x 3400W

SPECIFICATIONS   QX SERIES

QX SERIES – SPECIFICATIONS

		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	2×650W	2×1000W	2×1500W	2×2000W	2×3000W	4×650W	4×1000W	4×1500W	4×2000W
	4Ω/stereo	2×1100W	2×1700W	2×2550W	2×3400W	2×5100W	4×1100W	4×1700W	4×2550W	4×3400W
	2Ω/stereo	2×1870W	2×2890W	2×3570W	2×4760W	2×7140W	4×1870W	4×2890W	4×3570W	4×4760W
	16Ω/bridge	1×1300W	1×2000W	1×3000W	1×4000W	1×6000W	2×1300W	2×2000W	2×3000W	2×4000W
	8Ω/bridge	1×2200W	1×3400W	1×5100W	1×6800W	1×10200W	2×2200W	2×3400W	2×5100W	2×6800W
	4Ω/bridge	1×3740W	1×5780W	1×7140W	1×9520W	1×14280W	2×3740W	2×5780W	2×7140W	2×9520W
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

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DQX 1U digital power amplifiers

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 opertion, 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.

- 9 models with 2 and 4 channel versions
- universal 90-250V operation with PFC
- operates down to 2 ohms
- variable speed fan cooling
- multiple gain modes
- DSP operation with 3.3" screen
- stereo/parallel/bridge modes
- power up to 4 x 3400W

SPECIFICATIONS — DQX SERIES

QX SERIES - SPECIFICATIONS

		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	2×650W	2×1000W	2×1500W	2×2000W	2×3000W	4×650W	4×1000W	4×1500W	4×2000W
	4Ω/stereo	2×1100W	2×1700W	2×2550W	2×3400W	2×5100W	4×1100W	4×1700W	4×2550W	4×3400W
	2Ω/stereo	2×1870W	2×2890W	2×3570W	2×4760W	2×7140W	4×1870W	4×2890W	4×3570W	4×4760W
	16Ω/bridge	1×1300W	1×2000W	1×3000W	1×4000W	1×6000W	2×1300W	2×2000W	2×3000W	2×4000W
	8Ω/bridge	1×2200W	1×3400W	1×5100W	1×6800W	1×10200W	2×2200W	2×3400W	2×5100W	2×6800W
	4Ω/bridge	1×3740W	1×5780W	1×7140W	1×9520W	1×14280W	2×3740W	2×5780W	2×7140W	2×9520W
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								
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 (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

INSTALL AMPLIFICATION

ISMA mixer amp series

ISMA60

60W 100V line 2 input mixer amp

ISMA150

150W 100V line 4 in/6 out mixer amp

1 mic and 1 stereo line input   60W 4ohm and 100V line output   2 band EQ
support for infrared remote   built in USB/SD card media playback
mic channel with reverb effect and priority override   bluetooth playback

2 mic and 3 stereo line inputs   150W 100V with 6 selectable zone outputs
mic1 mute overide function   2 band EQ on output
built in USB/SD card media playback with FM tuner   intelligent fan cooling

SPECIFICATIONS ISMA60

Model	ISMA60
Output Power	60W
MIC Input Sensitivity	50±5mv
AUX Input Sensitivity	500±50mv
SNR	≥85dB
Frequency Response	80Hz-16KHz (±3dB)
THD	≤0.1% (1KHz)
Bass Adjustment	10dB (100Hz)
Treble Adjustment	10dB (10kHz)
Rated Power	80W
Dimension (W×H×L)	187×280×65mm

SPECIFICATIONS ISMA150

Model	ISMA150
Rated Output Power	150W
Output Voltage adjustment range	From full load to no load, ≤3dB
Rated Output Voltage	100V output
Auxiliary Output Level	≥900mV
Sensitivity	MIC: ≤3.5mV unbalanced
	Line: ≤350mV unbalanced
Frequency Response	80Hz-16KHz (±3dB)
THD	≤1% (1kHz, normal working status)
Pitch Adjustment Range	Bass: ±12dB (100Hz); Treble: ±12dB (10KHz)
SNR	≥80dB
FM Range	87.5MHz-108.0MHz
MP3 Sensitivity	≤350mV
Protection	AC fuse, DC output, short circuit, overload
Heat Dissipation	Cooling fan
Mute Function	MIC1 overrides other input
Power	AC220V/50Hz
Power Consumption	220W
Dimension	485×330×88mm

ISMA150D

150W 100V line 2 in/6 out mixer amp with DSP

ISA4150

150W 100V line 4 in/4 out power amplifier

ISA/ISMA mixer amp series

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1 mic and 1 stereo line input | 150W 6 zone 70/100V output | 2 band EQ
programmable schedules | built in USB/SD card & bluetooth media playback
4.3" LCD screen for schedules and media player | selectable zones or 1x150W output

4 input, 4 output 4x150W power amplifier | operates at 70/100V or 4-16 ohms
temperature controlled fans | compact 2U all steel construction
output protection with indicator leds | intelligent fan cooling

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SPECIFICATIONS	ISMA150D
Model	ISMA150D
Rated power	150W
Speaker Outputs	70V/100V line
Harmonic Distortion	＜ 0.5%（1kHz , 1/3 rate power）
AUX Output	100Ω, 1V (0dBV)
Input	Mic: 600Ω；8mV (±10%)
	Line: 10kΩ, 300mV (±10%), unbal
Mic/Line Frequency response	Mic: 40Hz-16kHz (±3dB)
	Line: 50Hz-20kHz (±3dB)
Harmonic distortion	＜ 0.5% (1kHz , 1/3 rated power)
S/N Ratio	Mic: 70dB
	Line: 80dB
EQ	Bass: ±10dB (100Hz)
	Treble: ±10dB (10kHz)
Protection	AC fuse, DC output protection, overload protection
Power Supply	AC220-240V/50-60Hz
Power Consumption	220W
Size(L×W×H)	418×338×88mm

SPECIFICATIONS	ISA4150
Model	ISA4150
Rated output power	4 x 150W
Output mode	Balanced 4-16Ω
	70V & 100V line
Input	10KΩ, 1.2V, unbalanced
Frequency	60Hz-18KHz
Distortion at 1kHz, 1/3 rated power	Less than 0.1%
Signal-to-noise ratio	Input1, 80dB
Protection	AC fuse; DC voltage, overload
	and short Circuit
Heat dissipation mode	Stepless fan
Power Supply	AC220V/50Hz
Rated power consumption	220W
External size	484×460×88mm

LIVE / PA
SPEAKER CABINETS

TOWER *column systems*

The Tower column speaker system, is a highly developed compact column line array system. Available in several different configurations from the ultra compact 8x2" 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	TOWER 8
Transducer	6 x 3" ferrite driver	8 x 2" neodymium driver
Frequency response(-10dB)	130Hz - 20kHz	160Hz - 18kHz
Rated power	120W	120W
Sensitivity	95dB	92dB
Maximum SPL	123dB	118dB
Nominal impedance	12 ohms	8 ohms
Dispersion angle	100 x 20 degrees	100 x 15 degrees
Connection	2 x phoenix, 2 x 4pole connection	1 x phoenix, 2 x 6.3mm jack
Optional accessories	Speaker poles and mounting brackets	Speaker poles and mounting brackets
Dimension(WxHxD)	124mm x 549mm x 152mm	68mm x 608mm x 78mm
Weight	6.5kg	2.7kg

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

1216D COMPACT DIGITAL COLUMN SYSTEM

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 convertor, 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.

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

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

TOWER series

Optional wheeled flightcase to take complete system is available.

LIVESYS5/S monitor

LIVESYS10 PA

LIVESYS 5S

LIVESYS 5

LIVESYS 5S   LIVESYS 5/5S rear

Adaptor included

LS10 MICS

high 150W rms power	multi purpose active cabinet	2 mic/line + 1 aux input

LIVESYS 5S with built in MP3 playback with bluetooth

stand accessories included   use for live PA or compact monitoring

10 inputs - 4 mic / 3 stereo	2 10" high performance moulded cabinets

dual 2.4GHz wireless microphones   built in DSP effects and USB playback

mixer / amp stores in rear of cabinet   optional stand for mixer / amp

	LIVESYS-5		LIVESYS-5S
MAX SPL	115dB	MAX SPL	115dB
AMP PEAK	600W	AMP PEAK	600W
AMP PGM	300W	AMP PGM	300W
AMP RMS	150W	AMP RMS	150W
WEIGHT	3.3kg	WEIGHT	3.3kg
Cabinet type	active monitor	Cabinet type	active monitor
Frequency response	60Hz - 18kHz (-10dB)	Frequency response	60Hz - 18kHz (-10dB)
	90Hz - 13kHz (-3dB)		90Hz - 13kHz (-3dB)
Driver	5"	Driver	5"
Connection	3 x XLR/JACK + RCA	Connection	3 x XLR/JACK + RCA
	XLR OUTPUT		XLR OUTPUT
Media player	No	Media player	Yes
Phantom power	Yes	Phantom power	Yes
EQ	3-band	EQ	2-band
Dimensions (wxhxd)	290 x 210 x 175mm	Dimensions (wxhxd)	290 x 210 x 175mm

	CABINET (each)		SYSTEM
MAX SPL	122dB	MAX SPL	122dB
PEAK	800W	AMP PEAK	2 x 1000W
PGM	400W	AMP PGM	2 x 500W
RMS	200W	AMP RMS	2 x 250W
WEIGHT	13kg	WEIGHT	32kg
Cabinet type	2-way passive	Mic channels	4 mic line inputs
Frequency response	70Hz - 20kHz	Stereo channels	3 stereo line inputs
Sensitivity 1w@1m	94dB	EQ	3 band EQ
Coverage (h x v)	90 x 60 degree	Effects	16 DSP effects
Nominal Impedence	4 ohm	Outputs	2 x jack speaker outputs
LF Driver	10" / 50mm VC		stereo monitor + sub output
HF Driver	1.35" / 34mm VC	Media player	USB playback to stereo ch
Crossover frequency	2.5kHz	Frequency response	20Hz - 20kHz
Input connection	Jack	THD	≤0.3%(1kHz,90W)
Dimensions (wxhxd)	348 x 557 x 330mm	Operating voltage	AC 100V~240V/50Hz

Model	LS10 MIC
Operation voltage	TX:+3.3V DC RX:+5V DC
Supply current	TX: 100mA
(Codec not Included)	RX: 55mA
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

SENSE *monitor speakers*

SENSE 12A (carpet finish)

SENSE+ *monitor speakers*

SENSE 15A+ (paint finish)

coaxial design hard wearing carpet or durable paint finsh models
24bit / 48kHz DSP on active models 43 degree monitor angle
35mm top hat socket live or monitor modes on DSP with 3-band EQ

ultra compact footprint neodymium HF components
high performace class D amplifiers use for monitoring or as PA cabinet
strong steel front grille 12" or 15", active or passive models

	SENSE12/12+		SENSE12A/12A+
MAX SPL	**126dB**	**MAX SPL**	**127dB**
PEAK	**1000W**	**AMP PEAK**	**1200W**
PGM	**500W**	**AMP PGM**	**600W**
RMS	**250W**	**AMP RMS**	**300W (260+40)**
WEIGHT	14.5kg	**WEIGHT**	15kg
Cabinet type	2-way coaxial passive	**Cabinet type**	2-way coaxial active
Frequency response	55Hz - 20kHz	**Frequency response**	55Hz - 20kHz
Sensitivity 1w@1m	96dB	**Input sensitivity**	0dBu
Coverage (h x v)	80 x 80 degree	**Coverage (h x v)**	80 x 80 degree
Nominal Impedence	8 ohm	**LF Driver**	10" / 65mm VC
LF Driver	12" / 75mm VC	**HF Driver**	1.75" / 44mm VC
HF Driver	1.75" / 44mm VC	**Crossover frequency**	2.4kHz
Crossover frequency	2.2kHz	**Connection**	2 x XLR/JACK input + 3.5mm
Input connection	2 x 4-pole		XLR output
Dimensions (wxhxd)	400 x 436 x 323mm	**Dimensions (wxhxd)**	335 x 545 x 319mm

	SENSE15/15+		SENSE15A/15A+
MAX SPL	**128dB**	**MAX SPL**	**128dB**
PEAK	**1200W**	**AMP PEAK**	**1200W**
PGM	**600W**	**AMP PGM**	**600W**
RMS	**300W**	**AMP RMS**	**300W (260+40)**
WEIGHT	18.8kg	**WEIGHT**	20.5kg
Cabinet type	2-way coaxial passive	**Cabinet type**	2-way coaxial active
Frequency response	55Hz - 20kHz	**Frequency response**	55Hz - 20kHz
Sensitivity 1w@1m	97dB	**Input sensitivity**	0dBu
Coverage (h x v)	80 x 80 degree	**Coverage (h x v)**	80 x 80 degree
Nominal Impedence	8 ohm	**LF Driver**	15" / 75mm VC
LF Driver	15" / 75mm VC	**HF Driver**	1.75" / 44mm VC
HF Driver	1.75" / 44mm VC	**Crossover frequency**	2.4kHz
Crossover frequency	2.2kHz	**Connection**	2 x XLR/JACK input + 3.5mm
Input connection	2 x 4-pole		XLR output
Dimensions (wxhxd)	460 x 510 x 377mm	**Dimensions (wxhxd)**	460 x 510 x 377mm

GX active Rear

MODEL **GX12MA**

GX series

GX -10A
GX -10

GX -12A
GX -12

GX -15A
GX -15

GX -12MA
GX -12M

GX -15MA
GX -15M

durable MDF cabinets

strong steel front grille

hard wearing carpet covering

hard wearing paint finish

top hat on gx10/12/15m models

recessed carry handles

two inputs with EQ on active models

balanced inputs

4-pole extension socket to power passive speaker from an active model

trapezoidal cabinet design

	GX-10	GX-12	GX-15	GX-12M	GX-15M
MAX SPL	**95dB**	**97dB**	**98dB**	**97dB**	**98dB**
PEAK	**600W**	**800W**	**1000W**	**800W**	**1000W**
PGM	300W	400W	500W	400W	500W
RMS	150W	200W	250W	200W	250W
WEIGHT	10kg	16kg	21kg	16kg	21kg
Cabinet type	2-way passive	2-way passive	2-way passive	2-way passive	2-way passive
Frequency response	80Hz - 18kHz	60Hz - 18kHz	40Hz - 18kHz	60Hz - 18kHz	40Hz - 18kHz
Coverage (h x v)	90 x 60 degree	90 x 60 degree	90 x 60 degree	90 x 60 degree	90 x 60 degree
Nominal Impedence	8 ohm	8 ohm	8 ohm	8 ohm	8 ohm
LF Driver	10"	12"	15"	12"	15"
HF Driver	piezo	piezo	1.35" / 34mm VC	piezo	1.35" / 34mm VC
Crossover frequency	4kHz	4kHz	3kHz	4kHz	3kHz
Input connection	2 x 4-pole	2 x 4-pole	2 x 4-pole	2 x 4-pole	2 x 4-pole
Dimensions (wxhxd)	350 x 520 x 260mm	390 x 570 x 290mm	470 x 710 x 350mm	400 x 530 x 370mm	680 x 470 x 350mm

	GX-10A	GX-12A	GX-15A	GX-12MA	GX-15MA
MAX SPL	**120dB**	**124dB**	**126dB**	**124dB**	**126dB**
AMP PEAK	**280W**	**560W**	**680W**	**560W**	**680W**
AMP PGM	140W	280W	340W	280W	340W
AMP RMS	70W	140W	170W	140W	170W
WEIGHT	13kg	16kg	21kg	16kg	21kg
Cabinet type	2-way active	2-way active	2-way active	2-way active	2-way active
Frequency response	80Hz - 18kHz	60Hz - 18kHz	40Hz - 18kHz	60Hz - 18kHz	40Hz - 18kHz
Coverage (h x v)	90 x 60 degree	90 x 60 degree	90 x 60 degree	90 x 60 degree	90 x 60 degree
LF Driver	10"	12"	15"	12"	15"
HF Driver	piezo	piezo	1.35"/34mm	piezo	1.35"/34mm
Crossover frequency	4kHz	4kHz	3kHz	4kHz	3kHz
Connection	2 x XLR/JACK/RCA input	2 x XLR/JACK/RCA input	2 x XLR/JACK/RCA input	2 x XLR/JACK/RCA input	2 x XLR/JACK/RCA input
	XLR/JACK output	XLR/JACK output	XLR/JACK output	XLR/JACK output	XLR/JACK output
	4-pole extension socket	4-pole extension socket	4-pole extension socket	4-pole extension socket	4-pole extension socket
Dimensions (wxhxd)	350 x 520 x 260mm	390 x 570 x 290mm	470 x 710 x 350mm	400 x 530 x 370mm	680 x 470 x 350mm

bDRIVE *passive / active*

bDRIVE 10

DRIVE 12

DRIVE *passive / active*

DRIVE 12A Rear

DRIVE 15SA

DRIVE 12AU Rear

DRIVE 15SA Rear

bDRIVE/DRIVE series

moulded cabinets   **lightweight and portable**
24bit / 48kHz DSP on AP model   **three carry handles on 12 and 15" models**
multiple M10 flying points   **AP model with delay, limiter, 3 band EQ, 4 cabinet modes**

3 band EQ   **AU models with built in USB/SDCARD media player**
AU models with bluetooth playback   **class D amplification on active models**
cabinet angles for use as monitor   **35mm top-hat on all models**

	bDRIVE-10		bDRIVE-10A/AU/AP
MAX SPL	124dB	MAX SPL	121dB
PEAK	1000W	AMP PEAK	1000W
PGM	500W	AMP PGM	500W
RMS	250W	AMP RMS	250W (200+50)
WEIGHT	13kg	WEIGHT	14kg
Cabinet type	2-way passive	Cabinet type	2-way active
Frequency response	60Hz - 20kHz	Frequency response	60Hz - 20kHz
Sensitivity 1w@1m	94dB	Input sensitivity	0dBu
Coverage (h x v)	90 x 60 degree	Coverage (h x v)	90 x 60 degree
Nominal Impedence	8 ohm	LF Driver	10" / 50mm VC
LF Driver	10" / 50mm VC	HF Driver	1.35" / 34mm VC
HF Driver	1.35" / 34mm VC	Crossover frequency	2.5kHz
Crossover frequency	2.5kHz	Connection	XLR/JACK input
Input connection	2 x 4-pole		XLR output
Dimensions (wxhxd)	335 x 545 x 319mm	Dimensions (wxhxd)	335 x 545 x 319mm

bDRIVE 10AU

	DRIVE-12	DRIVE-15		DRIVE-12A/AU	DRIVE-15A/AU	DRIVE-15SA
MAX SPL	126dB	127dB	MAX SPL	126dB	127dB	120dB
PEAK	1000W	1000W	AMP PEAK	1240W	1240W	1800W
PGM	500W	500W	AMP PGM	620W	620W	900W
RMS	250W	250W	AMP RMS	310W (250+60)	310W (250+60)	450W
WEIGHT	17.2kg	20.4kg	WEIGHT	17kg	20.2kg	25kg
Cabinet type	2-way passive	2-way passive	Cabinet type	2-way active	2-way active	active sub woofer
Frequency response	50Hz - 20kHz	45Hz - 20kHz	Frequency response	50Hz - 20kHz	45Hz - 20kHz	30Hz - 150kHz
Sensitivity 1w@1m	96dB	97dB	Input sensitivity	0dBu	0dBu	0dBu
Coverage (h x v)	80 x 40 degree	80 x 40 degree	Coverage (h x v)	80 x 40 degree	80 x 40 degree	-
Nominal Impedence	8 ohm	8 ohm	LF Driver	12" / 50mm VC	15" / 50mm VC	15" / 75mm VC
LF Driver	12" / 65mm VC	15" / 65mm VC	HF Driver	1.35" / 34mm VC	1.35" / 34mm VC	-
HF Driver	1.35" / 34mm VC	1.35" / 34mm VC	Crossover frequency	2kHz	2kHz	-
Crossover frequency	2kHz	2kHz	Connection	XLR/JACK input	XLR/JACK input	2 x XLR input
Input connection	2 x 4-pole	2 x 4-pole		XLR output	XLR output	4 x XLR output (fr + filt)
Dimensions (wxhxd)	390 x 630 x 360mm	450 x 710 x 370mm	Dimensions (wxhxd)	390 x 630 x 360mm	450 x 710 x 370mm	475 x 590 x 550mm

DRIVE AP *active*

DRIVE AP Rear

Studiomaster
DRIVE 12AP

VENTURE AP Rear

Studiomaster
VENTURE12AP
POWER CAPACITY:350W + 50W

moulded cabinets   lightweight and portable   2 mic/line inputs

24bit / 48kHz DSP   delay, limiter, 3 band EQ, 4 cabinet modes

multiple M10 flying points   three carry handles   cabinet angles for use as monitor

24bit / 48kHz DSP   multiple M10 flying points

15mm plywood cabinet   delay, limiter, 3 band EQ, 4 cabinet modes

2 mic/line inputs   35mm top-hat on all models

	DRIVE-12AP	DRIVE-15AP
MAX SPL	**128dB**	**129dB**
AMP PEAK	**1600W**	**1600W**
AMP PGM	800W	800W
AMP RMS	400W (350+50)	400W (350+50)
WEIGHT	17kg	20.2kg
Cabinet type	2-way active	2-way active
Frequency response	50Hz - 20kHz	45Hz - 20kHz
Input sensitivity	0dBu	0dBu
Coverage (h x v)	80 x 40 degree	80 x 40 degree
LF Driver	12" / 50mm VC	12" / 50mm VC
HF Driver	1.35" / 34mm VC	1.35" / 34mm VC
Crossover frequency	2kHz	2kHz
Connection	2 x XLR/JACK input	2 x XLR/JACK input
	XLR output	XLR output
Dimensions (wxhxd)	390 x 630 x 360mm	450 x 710 x 370mm

	VENTURE-12AP	VENTURE-15AP	VENTURE-18SAP
MAX SPL	**131dB**	**131dB**	**134dB**
AMP PEAK	**1600W**	**1600W**	**2400W**
AMP PGM	800W	800W	1200W
AMP RMS	400W (350+50)	400W (350+50)	600W
WEIGHT	18kg	22kg	35kg
Cabinet type	2-way active	2-way active	active sub woofer
Frequency response	60Hz - 18kHz	55Hz - 18kHz	45Hz - 100Hz
Input sensitivity	0dBu	0dBu	0dBu
Coverage (h x v)	80 x 60 degree	80 x 60 degree	-
LF Driver	12" / 65mm VC	15" / 65mm VC	18" / 75mm VC
HF Driver	1.35" / 34mm VC	1.35" / 34mm VC	-
Crossover frequency	2.5kHz	2.2kHz	-
Connection	2 x XLR/JACK input	2 x XLR/JACK input	2 x XLR/JACK input
	XLR output	XLR output	2 x XLR output
Dimensions (wxhxd)	365 x 608 x 341mm	430 x 704 x 400mm	530 x 682 x 610mm

VENTURE 12AP

VENTURE 15AP

VENTURE 18SAP

VENTURE *passive*

VENTURE *active*

VENTURE active Rear

VENTURE 12

VENTURE 15

VENTURE 18S

neodymium magnets on passive models

two inputs XLR/JACK/Phono inputs on active models   **hard wearing paint finish**

1" throat compression drivers   **full range and filtered outputs on 18SA**   **high efficiency CLASS D amplifier modules**

recessed carry handles   **multiple M10 flying points**   **35mm top-hat on all molels**   **15mm plywood**

	VENTURE12	VENTURE15	VENTURE18S		VENTURE12A	VENTURE15A	VENTURE18SA
MAX SPL	**132dB**	**134dB**	**134dB**	**MAX SPL**	**132dB**	**134dB**	**134dB**
PEAK	**1600W**	**1600W**	**1600W**	**AMP PEAK**	**2400W**	**2400W**	**1800W**
PGM	800W	800W	800W	**AMP PGM**	1200W	1200W	900W
RMS	400W	400W	400W	**AMP RMS**	600W	600W	450W
WEIGHT	17kg	21kg	30.7kg	**WEIGHT**	18kg	21.5kg	34.7kg
Cabinet type	2-way passive	2-way passive	2-way passive	**Cabinet type**	2-way active	2-way active	active sub woofer
Frequency response	60Hz - 18kHz	55Hz - 18kHz	45Hz - 100Hz	**Frequency response**	60Hz - 18kHz	55Hz - 18kHz	45Hz - 100Hz
Sensitivity 1w@1m	95dB	96dB	96dB	**Input sensitivity**	-10dBv	-10dBv	-10dBv
Coverage (h x v)	80 x 60 degree	80 x 60 degree	-	**Coverage (h x v)**	80 x 60 degree	80 x 60 degree	-
Nominal Impedence	4 ohm	4 ohm	4 ohm	**LF Driver**	12" / 65mm VC	15" / 65mm VC	18" / 75mm VC
LF Driver	12" / 75mm VC	15" / 75mm VC	18" / 100mm VC	**HF Driver**	1.75" / 44mm VC	1.75" / 44mm VC	-
HF Driver	1.75" / 44mm VC	1.75" / 44mm VC	-	**Crossover frequency**	1.7kHz	1.5kHz	-
Crossover frequency	1.7kHz	1.5kHz	-	**Connection**	2 x XLR/JACK/RCA	2 x XLR/JACK/RCA	XLR input
Input connection	2 x NL4	2 x NL4	2 x NL4		input + XLR output	input + XLR output	2 x XLR output
Dimensions (wxhxd)	365 x 608 x 341mm	430 x 704 x 400mm	530 x 682 x 610mm	**Dimensions (wxhxd)**	365 x 608 x 341mm	430 x 704 x 400mm	530 x 682 x 610mm

TRX passive

TRX active

TRX 10

TRX 12

TRX 18S

TRX 15S

TRX active Rear

TRX 15M

TRX 15

TRX 215

TRX 218S

durable MDF cabinets   cast aluminium speaker chassis

1" throat compression drivers   hard wearing paint finish

multiple M10 flying points   recessed carry handles

two inputs with EQ on active models

rear mount castors on TRX-215 model   low-cut filter on active models

35mm top-hat on 10/12/15 and 15/18 sub models

	TRX-10	TRX-12	TRX-15	TRX-15M	TRX-215	TRX-15S	TRX-18S
MAX SPL	124dB	126dB	126dB	127dB	132dB	128dB	130dB
PEAK	600W	1000W	1000W	1000W	2000W	2400W	2400W
PGM	300W	500W	500W	500W	1000W	1200W	1200W
RMS	150W	250W	250W	250W	500W	600W	600W
WEIGHT	19kg	23kg	28.6kg	27kg	48kg	35.2kg	47.5kg
Cabinet type	2-way passive	2-way passive	2-way passive	2-way passive	2-way passive	passive sub woofer	passive sub woofer
Frequency response	60Hz - 20kHz	50Hz - 20kHz	45Hz - 20kHz	45Hz - 20kHz	45Hz - 20kHz	40Hz - 250Hz	38Hz - 250Hz
Sensitivity 1w@1m	94dB	96dB	96dB	97dB	99dB	96dB	96dB
Coverage (h x v)	80 x 60 degree	80 x 60 degree	80 x 60 degree	80 x 60 degree	80 x 60 degree	-	-
Nominal Impedence	8 ohm	8 ohm	8 ohm	8 ohm	4 ohm	8 ohm	8 ohm
LF Driver	10" / 50mm VC	12" / 65mm VC	15" / 65mm VC	15" / 65mm VC	2x15" / 65mm VC	15" / 100mm VC	18" / 100mm VC
HF Driver	1.35" / 34mm VC	1.35" / 34mm VC	1.35" / 34mm VC	1.35" / 34mm VC	1.75" / 44mm	-	-
Crossover frequency	2kHz	2.2kHz	2kHz	2.2kHz	2.2kHz	-	-
Input connection	2 x 4-pole	2 x 4-pole	2 x 4-pole	2 x 4-pole	2 x 4-pole	2 x 4-pole	2 x 4-pole
Dimensions (wxhxd)	354 x 555 x 426mm	409 x 628 x 472mm	453 x 710 x 518mm	429 x 635 x 484mm	469 x 1050 x 538mm	479 x 581x 548mm	567 x 667 x 600mm

	TRX-10A	TRX-12A	TRX-15A	TRX-15MA	TRX-215A	TRX-15SA	TRX-18SA
MAX SPL	124dB	126dB	126dB	127dB	132dB	128dB	129dB
AMP PEAK	800W	1000W	1000W	1000W	2000W	2000W	2000W
AMP PGM	400W	500W	500W	500W	1000W	1000W	1000W
AMP RMS	200W	250W	250W	250W	500W	500W	500W
WEIGHT	20.8kg	25.5kg	31kg	24.7kg	54.7kg	47.6kg	57.8kg
Cabinet type	2-way active	2-way active	2-way active	2-way active	2-way active	active sub woofer	active sub woofer
Frequency response	60Hz - 18kHz	50Hz - 20kHz	45Hz - 20kHz	45Hz - 20kHz	45Hz - 20kHz	35Hz - 250Hz	38Hz - 250Hz
Input sensitivity	-10dBv	-10dBv	-10dBv	-10dBv	-10dBv	-10dBu	-10dBu
Coverage (h x v)	80 x 60 degree	80 x 60 degree	80 x 60 degree	80 x 60 degree	80 x 60 degree	-	-
LF Driver	10" / 50mm VC	12" / 65mm VC	15" / 65mm VC	15" / 65mm VC	2x15" / 65mm VC	15" / 100mm VC	18" / 75mm VC
HF Driver	1.35" / 34mm VC	1.35" / 34mm VC	1.35" / 34mm VC	1.35" / 34mm VC	1.75" / 44mm VC	-	-
Crossover frequency	2kHz	2.2kHz	2kHz	2.2kHz	2.2kHz	80/100Hz	80/100Hz
Connection	2 x XLR/JACK input XLR output	2 x XLR/JACK input XLR output	2 x XLR/JACK input XLR output	2 x XLR/JACK input XLR output	2 x XLR/JACK input XLR output	XLR/JACK input XLR output	XLR/JACK input XLR output
Dimensions (wxhxd)	354 x 555 x 426mm	409 x 628 x 472mm	453 x 710 x 518mm	429 x 635 x 484mm	472 x 1050 x 538mm	479 x 581x 548mm	567 x 667 x 600mm

For specification of TRX-218S go to line-array page 80

S3 passive

S3-10

S3-15

S3 active

S3 active Rear

S3-12

S3 -15M

15mm plywood   **class D powered active models**
1" throat compression drivers   **durable unique effect paint finish**
multiple M10 flying points   **premium LF woofer and HF compression drivers**

standby mode   **35mm top-hat on 10/12/15 and 18 sub models**
rear mount castors on 212/215 models

	S3-10	S3-12	S3-15	S3-15M	S3-212	S3-215	S3-18S
MAX SPL	127dB	128dB	130dB	130dB	134dB	135dB	132dB
PEAK	1200W	1400W	1600W	1600W	2800W	3200W	3200W
PGM	600W	700W	800W	800W	1400W	1600W	1600W
RMS	300W (250+50)	350W (300+50)	400W (350+50)	400W (350+50)	700W (620+80)	800W (720+50)	800W
WEIGHT	19kg	23kg	33kg	24kg	43kg	57kg	43kg
Cabinet type	2-way passive	2-way passive	2-way passive	2-way passive	2-way passive	2-way passive	passive sub woofer
Frequency response	60Hz - 18kHz	55Hz - 18kHz	45Hz - 18kHz	50Hz - 18kHz	50Hz - 18kHz	45Hz - 18kHz	35Hz - 250Hz
Sensitivity 1w@1m	96dB	97dB	98dB	98dB	99dB	100dB	97dB
Coverage (h x v)	90 x 50 degree	90 x 50 degree	90 x 50 degree	90 x 40 degree	80 x 60 degree	80 x 60 degree	-
Nominal Impedence	8 ohm	8 ohm	8 ohm	8 ohm	4 ohm	4 ohm	8 ohm
LF Driver	10" / 65mm VC	12" / 75mm VC	15" / 75mm VC	15" / 75mm VC	2x15" / 75mm VC	2x15" / 75mm VC	18" / 100mm VC
HF Driver	1.75" / 44mm VC	1.75" / 44mm VC	1.75" / 44mm VC	1.75" / 44mm VC	3" / 75mm VC	3" / 75mm VC	-
Crossover frequency	1.8kHz	2kHz	2kHz	2kHz	1.8kHz	1.8kHz	100Hz
Input connection	2 x NL4	2 x NL4	2 x NL4	2 x NL4	2 x NL4	2 x NL4	2 x NL4
Dimensions (wxhxd)	359 x 564 x 349mm	399 x 612 x 387mm	476 x 764 x 459mm	701 x 466 x 399mm	453 x 1007 x 433mm	542 x 1212 x 535mm	605 x 672 x 669mm

	S3-10A	S3-12A	S3-15A	S3-15MA	S3-212A	S3-215A	S3-18SA
MAX SPL	124dB	127dB	128dB	128dB	132dB	134dB	130dB
AMP PEAK	1440W	2040W	2040W	2040W	4400W	5200W	4000W
AMP PGM	720W	1020W	1020W	1020W	2200W	2600W	2000W
AMP RMS	360W (300+60)	510W (450+60)	510W (450+60)	510W (450+60)	1100W (1000+100)	1300W (1200+100)	1000W
WEIGHT	20kg	24kg	34kg	25kg	55kg	69kg	55kg
Cabinet type	2-way active	2-way active	2-way active	2-way active	2-way active	2-way active	active sub woofer
Frequency response	60Hz - 18kHz	55Hz - 18kHz	45Hz - 18kHz	50Hz - 18kHz	50Hz - 18kHz	45Hz - 18kHz	35Hz - 250Hz
Input sensitivity	-10dBv	-10dBv	-10dBv	-10dBv	-10dBv	-10dBv	0dBu
Coverage (h x v)	90 x 50 degree	90 x 50 degree	90 x 50 degree	90 x 40 degree	80 x 60 degree	80 x 60 degree	-
LF Driver	10" / 65mm VC	12" / 75mm VC	15" / 75mm VC	15" / 75mm VC	2x15" / 75mm VC	2x15" / 75mm VC	18" / 100mm VC
HF Driver	1.75" / 44mm VC	1.75" / 44mm VC	1.75" / 44mm VC	1.75" / 44mm VC	3" / 75mm VC	3" / 75mm VC	-
Crossover frequency	2.2kHz	2kHz	2kHz	2kHz	1.6kHz	1.7kHz	100Hz
Connection	XLR/JACK input	XLR/JACK input	XLR/JACK input	XLR/JACK input	XLR/JACK input	XLR/JACK input	XLR/JACK input
	XLR output	XLR output	XLR output	XLR output	XLR output	XLR output	XLR output
Dimensions (wxhxd)	359 x 564 x 349mm	399 x 612 x 387mm	476 x 764 x 459mm	701 x 466 x 399mm	453 x 1007 x 433mm	542 x 1212 x 535mm	605 x 672 x 669mm

PHASE 3-way coaxial active

PHASE-8.3A

PHASE-12A

PHASE-15A

PHASE-18SA

PHASE-12MA

PHASE Rear

Studiomaster
PHASE 8.3A
POWER CAPACITY:1500W

PHASE series

| 3 way coaxial design | class D powered active models | 15mm internally braced plywood | tough steel grilles |

| high SPL & power ratings | built in DSP processor | stage protection with recessed controls on 12MA model |

| multiple M10 flying points | DSP control for EQ, delay, crossover, limiter, volume | 35mm top-hat on 10/12/15 and 18 sub models |

	PHASE-8.3A	PHASE-12A	PHASE-15A	PHASE-18SA	PHASE-12MA
MAX SPL	**135dB**	**136dB**	**137dB**	**128dB**	**128dB**
AMP PEAK	**3200W**	**3200W**	**3200W**	**3600W**	**1880W**
AMP PGM	1600W	1600W	1600W	1800W	940W
AMP RMS	800W (600+200)	800W (600+200)	800W (600+200)	900W	470W (400+70)
WEIGHT	23.5kg	27.5kg	33.6kg	49.5kg	20kg
Cabinet type	3-way coaxial active	3-way coaxial active	3-way coaxial active	active sub woofer	2-way active
Frequency response	65Hz - 20kHz	58Hz - 20kHz	50Hz - 20kHz	35Hz - 100Hz	55Hz - 20kHz
Input sensitivity	0dBu	0dBu	0dBu	0dBu	0dBu
Coverage (h x v)	60 x 60 degree	60 x 60 degree	60 x 60 degree	-	80 x 80 degree
LF Driver	2 x 8"	12"	15"	18"	12" / 75mm VC
MF/HF Driver	8" MF + 1.75"/44mm HF	8" MF + 1.75"/44mm HF	8" MF + 1.75"/44mm HF	-	3" / 75mm VC
DSP configurable	Yes	Yes	Yes	Yes	1.2kHz crossover
Connection	2 x XLR/JACK input	2 x XLR/JACK input	2 x XLR/JACK input	XLR/JACK input	2 x XLR/JACK input
	XLR output	XLR output	XLR output	2 x XLR output	XLR output
Dimensions (wxhxd)	371 x 721 x 375mm	410 x 637 x 403mm	480 x 716 x 472mm	650 x 719 x 672mm	468 x 430 x 442mm

	PHASE-12M
MAX SPL	**127dB**
PEAK	**1200W**
PGM	600W
RMS	300W
WEIGHT	17.5kg
Cabinet type	2-way passive
Frequency response	55Hz - 20kHz
Sensitivity 1w@1m	96dB
Coverage (h x v)	80 x 80 degree
Nominal Impedence	8 ohm
HF Driver	12" / 75mm VC
LF Driver	3" / 75mm VC
Crossover frequency	1.2kHz
Input connection	2 x NL4
Dimensions (wxhxd)	468 x 430 x 442mm

HF unit is located at the rear part of the MF unit

HF energy spread via the center of MF cone

The two units completely combine to be a real point audio source
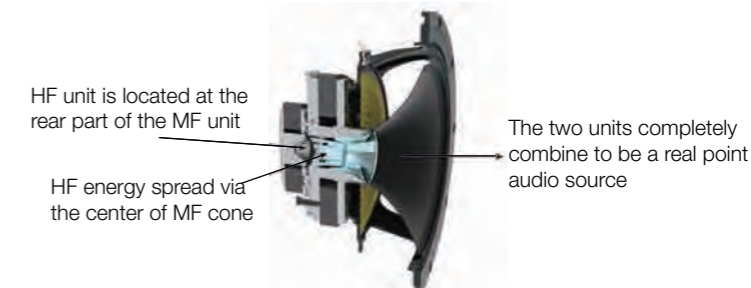
PLATFORM *array*

portable high power compact array system

PLATFORM 10

PLATFORM 18SA

The Platform system comprises 2 x 18" active sub bass units, each topped with 2 x 10" mid/top cabinets, to create a compact portable and powerful active 4800W compact array system.

Perfect for rental, install and live performance when power, size and portability are critical.
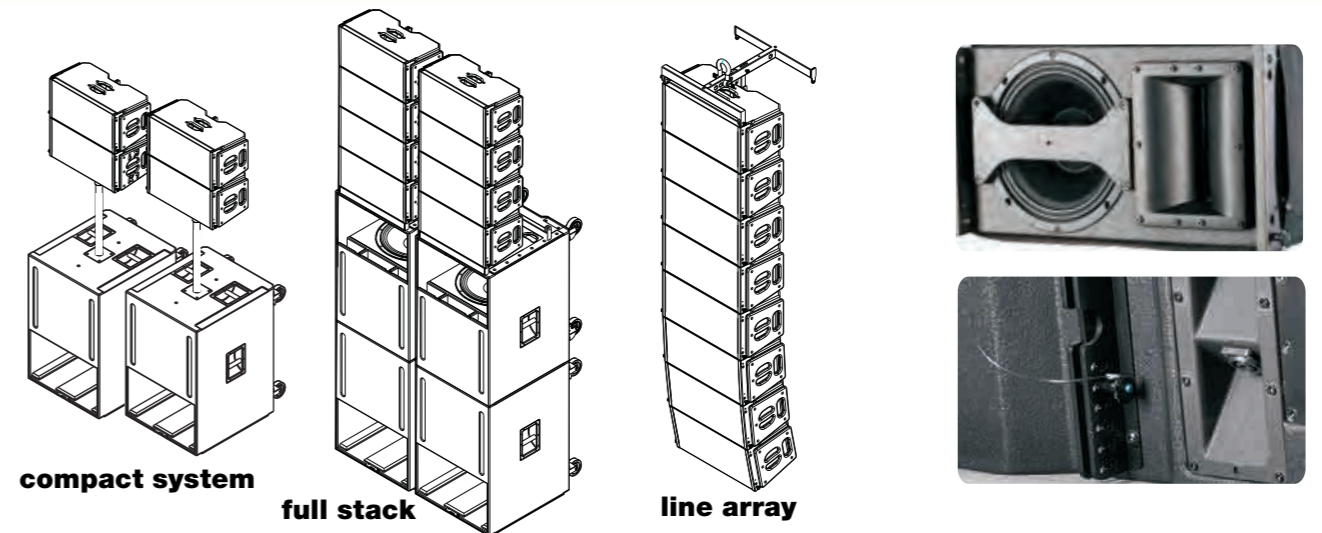
comprehensive rear panel with clever storage for stands and accessories

Platform10 mid/tops neatly store into 18" sub port for transport/storage

Four high quality road wheels with locks for easy moving

compact system

full stack

line array

2400W 4ch class D amplifiers	2 in 4 out DSP audio	offline PC preset setup
10" mid/top with 3" voice coils	18" neodymium sub woofer	
adjustable array angles	multi purpose setup - compact - stack - fly	

SPECIFICATIONS   PLATFORM 10

Type..Long range horn output type
Component...10"+3"+ Horn
Nominal Impedance.......................................Hi 16Ω /MID 16Ω
RMS Power Handling...350W
Peak Power Handling..700W
Frequency Response...55Hz- 19KHz
Sensitivity(1W/1M)...102dB
Max. SPL...128dB
Dispersions...120° H× 10° V
Horn throat size..1.5"(28mm)
Voice coil size..3"(75mm)
Crossover..1.5KHz
NW/GW(Kg)...21/23
Dimension HWD(mm)..578× 305× 278
Shipping HWD(mm)............................643× 370× 348(0.08CBM)

SPECIFICATIONS   PLATFORM 18SA

Type...Active subwoofer
Component......................................18"× 1"Neodymium unit
Nominal Impedance...8Ω
RMS Power Handling...700W
Peak Power Handling...1400W
Frequency Response..35Hz- 130KHz
Sensitivity(1W/1M)...104dB
Max. SPL...133dB
Output power.............................600W× 4 Digital power amplifier
Power........................Light and high- end switching power supply
Processor...2 in 4 out DSP module
Crossover...N/A
Dimension HWD(mm)..907× 595× 812
Shipping HWD(mm)..........................972× 660× 850(0.622CBM)
NW/GW(Kg)...130
Includes 1 x PLATFORM 18SA + 2 x PLATFORM 10

587 mm
305 mm
278 mm
587 mm
305 mm
278 mm
668mm
812mm
595mm
595mm
907mm
907mm
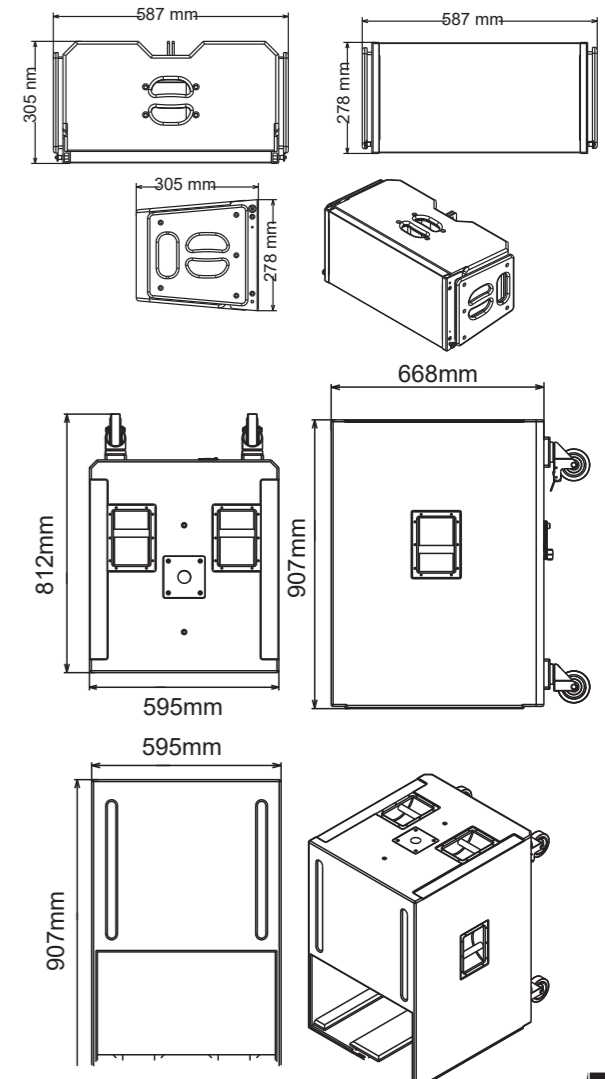
PLATFORM system

INSTALL
SPEAKER CABINETS

IS4
4" wall mounted speaker

IS4C
4" ceiling speaker

IS wall / ceiling series

compact 4" full range enclosure
wall mounted — *high power rating*
simple to install and connect

4" full range ceiling speaker
high performance with 60W power
simple installation

	IS4		IS4C
MAX SPL	105dB	**MAX SPL**	105dB
PEAK	120W	**PEAK**	120W
PGM	60W	**PGM**	60W
RMS	30W	**RMS**	30W
Cabinet type	4"passive wall mounted	Cabinet type	4"passive ceiling
Frequency response	80Hz - 20kHz	Frequency response	80Hz - 20kHz
Sensitivity 1w@1m	90dB	Sensitivity 1w@1m	90dB
Coverage (h x v)	70 x 70 degree	Coverage (h x v)	70 x 70 degree
Nominal Impedence	4 ohm	Nominal Impedence	4 ohm
Driver	4" driver 25.5mm VC	Driver	4" driver 25.5mm VC
Input connection	Jack	Input connection	Jack
Dimensions (wxhxd)	200 x 290 x 81mm	Dimensions (wxhxd)	200 x 290 x 134.5mm

IS4N
4" wall mount PoE/DANTE speaker

IS4CN
4" ceiling PoE/DANTE speaker

IS6CT
6.5" 100V line ceiling speaker

IS6CTF
6.5" 100V line fire resistant ceiling speaker

DANTE and PoE technology

IS ceiling series

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audio and power with one RJ45
PoE and Dante controlled
self contained wall mounted enclosure

up to 60W from PoE network power
uses the same cable to provide Dante audio
4" full range ceiling mounted enclosure

thin edge aluminium mesh design
IEC268-5 power handling
5W 6.5" full range 70/100V

self extinguishing rear cover
thin edge aluminium mesh in RAL white
6.5" 5W 70/100V IEC268-5 power handling

IS4N	
POWER	**60W**
AUDIO INPUT	**DANTE**
POWER INPUT	**PoE**
CONNECTION	**RJ-45**
Cabinet type	4"PoE powered wall mount
Frequency response	80Hz - 20kHz
Coverage (h x v)	70 x 70 degree
Bit rate	100Mbps
Routing control	Dante controller
Signal to noise	>100dB (A weighted)
Driver	4" driver 25.5mm VC
Dimensions (wxhxd)	200 x 290 x 81mm

IS4CN	
POWER	**60W**
AUDIO INPUT	**DANTE**
POWER INPUT	**PoE**
CONNECTION	**RJ-45**
Cabinet type	4"PoE powered wall mount
Frequency response	80Hz - 20kHz
Coverage (h x v)	70 x 70 degree
Bit rate	100Mbps
Routing control	Dante controller
Signal to noise	>100dB (A weighted)
Driver	4" driver 25.5mm VC
Dimensions (wxhxd)	200 x 290 x 134.5mm

IS6CT	
SPEAKER	**1 x 6.5"**
MAX SPL	**100dB**
POWER	**5W**
VOLTAGE	**70/100V**
WEIGHT	**0.7kg**
Cabinet type	6.5" ceiling speaker
Frequency response	140Hz - 14kHz
Sensitivity 1w@1m	92dB
Dimensions (dia x d)	190 x 79mm

IS6CTF	
SPEAKER	**1 x 6.5"**
MAX SPL	**99dB**
POWER	**5W / 10W MAX**
VOLTAGE	**70/100V**
WEIGHT	**0.9kg**
Cabinet type	6.5" ceiling speaker
Frequency response	110Hz - 15kHz
Sensitivity 1w@1m	90dB
Dimensions (dia x d)	191 x 105mm

IS6CCT
6.5" 100V line coaxial ceiling speaker

IS8CCT
8" 100V line coaxial ceiling speaker

CTR33
6.5" full range 8ohm ceiling speaker

CTR34
8" full range 8ohm ceiling speaker

also available in WHITE

also available in WHITE

aluminium mesh design   5/10/20W taps
IEC268-5 power handling
dual concentric 20W 6.5" full range 70/100V

durable enclosure with aluminium mesh
IEC268-5 power handling
dual concentric 8" 30W 70/100V

ABS fireproof casing
available in black or white
200W 8ohm 2-way ceiling speaker

ABS fireproof casing
2 x 3mm binding post connection
280W 8ohm 2-way ceiling speaker

IS6CCT		IS8CCT	
SPEAKER	**1 x 6.5"**	**SPEAKER**	**1 x 8"**
	+compression driver		**+compression driver**
MAX SPL	**101dB**	**MAX SPL**	**107dB**
POWER	**20W**	**POWER**	**30W**
VOLTAGE	70/100V	**VOLTAGE**	70/100V
WEIGHT	1.3kg	**WEIGHT**	3.2kg
Cabinet type	6.5" coaxial ceiling speaker	Cabinet type	8" coaxial ceiling speaker
Frequency response	60Hz - 18kHz	Frequency response	50Hz - 20kHz
Sensitivity 1w@1m	88dB	Sensitivity 1w@1m	92dB
Dimensions (dia x d)	190 x 79mm	Dimensions (dia x d)	191 x 105mm

CTR33		CTR34	
PEAK	**200W**	**PEAK**	**280W**
PGM	**100W**	**PGM**	**140W**
RMS	50W	**RMS**	70W
WEIGHT	1.7kg	**WEIGHT**	2.2kg
Cabinet type	6.5"passive ceiling	Cabinet type	8"passive ceiling
Frequency response	100Hz - 20kHz	Frequency response	80Hz - 20kHz
Sensitivity 1w@1m	91dB	Sensitivity 1w@1m	93dB
Coverage (h x v)	90 x 90 degree	Coverage (h x v)	90 x 90 degree
Nominal Impedence	8 ohm	Nominal Impedence	8 ohm
LF Driver	1 x 6.5" driver	LF Driver	1 x 8" driver
HF Driver	1 x 1" dome	HF Driver	1 x 1" dome
Crossover frequency	3.5kHz	Crossover frequency	3.5kHz
Input connection	2 x 3mm binding post	Input connection	2 x 3mm binding post
Dimensions (dia)	280mm	Dimensions (dia)	330mm

CTR105
5" full range 8ohm wall speaker

CTR105T
5" full range 70/100V line wall speaker

CTR404
4x4" 8ohm wall speaker

CTR6/8/10/12
6-12" full range 8ohm wall speaker

available in BLACK or WHITE

CTR404

8" CTR108 shown, also available in 6", 10" and 12"

all models available in BLACK or WHITE

CTR series

5" full range moulded wall cabinets

available in black or white

wall mounting brackets included

8ohm or 70/100V line versions

spring loaded terminals

2-way system for full coverage

adjustable angle mounting brackets   **8ohm 2-way full range cabinets (106/108/110/112)**

available in black or white   **durable paint finish**

4x4", 6", 8", 10" and 12" models available   **high performance HF drivers**

	CTR105		CTR105T
PEAK	120W	**PEAK**	120W
PGM	600W	**PGM**	60W
RMS	30W	**RMS**	30W
WEIGHT	3.2kg	**WEIGHT**	3.2kg
Cabinet type	5" 2-way passive	**Cabinet type**	5" 2-way 70/100V line
Frequency response	100Hz - 18kHz	**Frequency response**	100Hz - 18kHz
Sensitivity 1w@1m	88dB	**Sensitivity 1w@1m**	88dB
Nominal Impedence	8 ohm	**Nominal Impedence**	70/100V line
LF Driver	1 x 5" driver	**LF Driver**	1 x 5" driver
HF Driver	1 x tweeter	**HF Driver**	1 x tweeter
Crossover frequency	5kHz	**Crossover frequency**	5kHz
Input connection	2 x spring loaded terminals	**Input connection**	2 x spring loaded terminals
Dimensions (wxhxd)	158 x 231 x 135mm	**Dimensions (wxhxd)**	158 x 231 x 135mm

	CTR-404	CTR-106	CTR-108	CTR-110	CTR-112
PEAK	120W	200W	300W	400W	500W
PGM	60W	100W	150W	200W	250W
RMS	30W	50W	75W	100W	125W
WEIGHT	8kg	8.5kg	11.75kg	17.5kg	22kg
Cabinet type	4 x 4" passive	6.5" full range passive	8" full range passive	10" full range passive	12" full range passive
Frequency response	150Hz - 12kHz	120Hz - 18kHz	100Hz - 18kHz	75Hz - 18kHz	60Hz - 18kHz
Sensitivity 1w@1m	90dB	90dB	92dB	94dB	96dB
Coverage (h x v)	60 x 60 degree	60 x 60 degree	60 x 60 degree	60 x 60 degree	60 x 60 degree
Nominal Impedence	8 ohm	8 ohm	8 ohm	8 ohm	8 ohm
LF Driver	4 x 4" driver	6.5" driver	8" driver	10" driver	12" driver
HF Driver	-	1.35mm / 34mm VC	1.35mm / 34mm VC	1.75mm / 44mm VC	1.75mm / 44mm VC
Crossover frequency	-	3.5kHz	3kHz	2.5kHz	2.2kHz
Input connection	2 x spring loaded terminals	2 x 4-pole	2 x 4-pole	2 x 4-pole	2 x 4-pole
Dimensions (wxhxd)	155 x 590 x 246mm	238 x 336 x 261mm	270 x 361 x 326mm	297 x 425 x 341mm	341 x 498 x 381mm

PS6/8
6"/8" full range passive speaker

PAS6/8
6"/8" full range active speaker

IS8TW
8" 100V line full range outdoor speaker

ISG1T
100V line omnidirectional garden speaker

available in BLACK or WHITE

alternative colours available

alternative colours available

PAS / IS series

hard wearing moulded cabinet design
available in black or white
wall mounting brackets included

active and passive versions
free standing or wall mounted
2-way system for full coverage

8" full range indoor / outdoor speaker
coated aluminium construction
IP rated for outdoor   **brackets included**

clear omnidirectional garden speaker
coated aluminium for durability
IP rating and UV protection

	PS-6	PS-8		PAS-6	PAS-8
MAX SPL	112dB	115dB	MAX SPL	112dB	115dB
PEAK	240W	320W	AMP PEAK	240W	320W
PGM	120W	160W	AMP PGM	120W	160W
RMS	60W	80W	AMP RMS	60W	80W
WEIGHT	4kg	5kg	WEIGHT	4kg	5kg
Cabinet type	6.5" 2-way passive	8" 2-way passive	Cabinet type	6.5" 2-way active	8" 2-way active
Frequency response	80Hz - 20kHz	60Hz - 20kHz	Frequency response	80Hz - 20kHz	60Hz - 20kHz
Sensitivity 1w@1m	91dB	93dB	Sensitivity 1w@1m	-15dBu	-15dBu
Nominal Impedence	8 ohm	8 ohm	LF Driver	1 x 6.5" driver	1 x 8" driver
LF Driver	1 x 6.5" driver	1 x 8" driver	HF Driver	1 x dome tweeter	1 x dome tweeter
HF Driver	1 x dome tweeter	1 x dome tweeter	Crossover frequency	3kHz	3kHz
Crossover frequency	3kHz	3kHz	EQ	2 band	2 band
Input connection	Jack	Jack	Input connection	Jack in, amp out	Jack in, amp out
Dimensions (wxhxd)	230 x 360 x 220mm	280 x 410 x 250mm	Dimensions (wxhxd)	230 x 360 x 220mm	280 x 410 x 250mm

	IS8TW		ISG1T
MAX SPL	106dB	MAX SPL	102dB
PEAK	120W	PEAK	120W
PGM	60W	PGM	60W
RMS	30W	RMS	30W
WEIGHT	8.5kg	WEIGHT	6kg
Cabinet type	8" 70/100V weatherproof	Cabinet type	2-way 70/100V weatherproof
Cabinet material	Coated aluminium	Cabinet material	Coated aluminium
Frequency response	100Hz - 20kHz	Frequency response	80Hz - 10kHz
Sensitivity 1w@1m	91dB	Sensitivity 1w@1m	88dB
Nominal Impedence	70/100V line	Nominal Impedence	70/100V line
LF Driver	8" driver	LF Driver	6.5" driver
HF Driver	compression driver	HF Driver	3" driver
Dimensions (wxhxd)	230 x 250 x 430mm	Dimensions (dia x h)	240 x 440mm
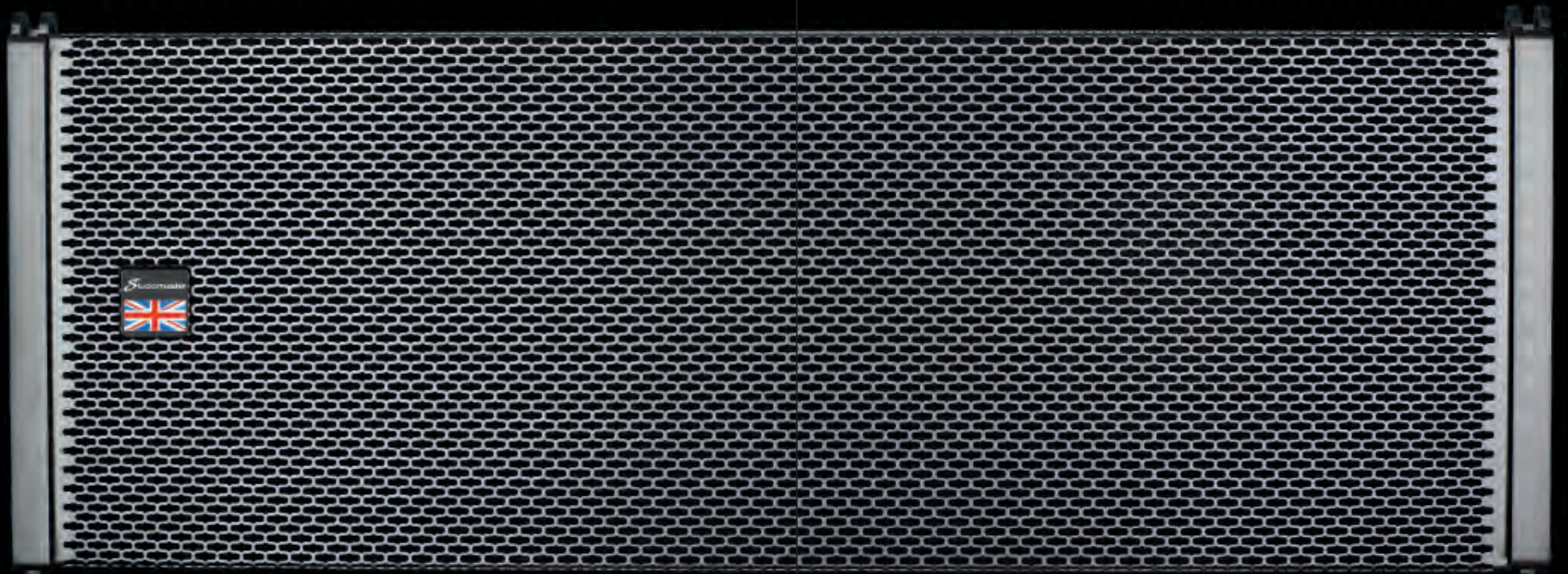
LINE
ARRAY

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 keeps 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 fom the rear panel.
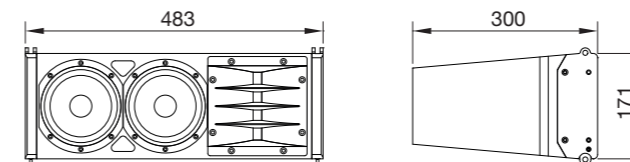
V5 2x5" PASSIVE HF/MF LINE ARRAY ENCLOSURE

- Superior quality 2 x 5" HF/MF drivers
- 44mm compression driver
- Ultra compact with durable finish
- Fully adjustable aluminium suspension system available.
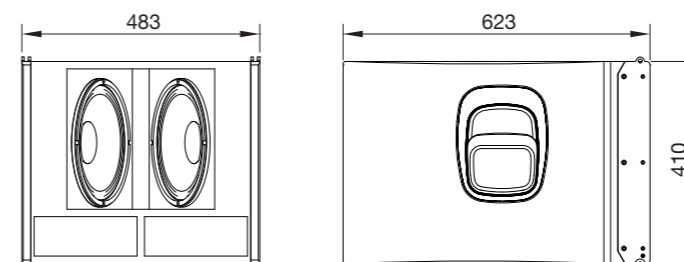
V5S 2x10" PASSIVE LF LINE ARRAY ENCLOSURE

- 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
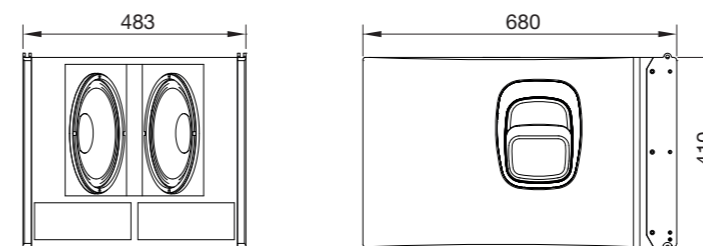
V5SA 2x10" ACTIVE LF LINE ARRAY ENCLOSURE

- 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

V5 LINE ARRAY series

SUGGESTED SETUP CONFIGURATIONS

setup configuration 1

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

1 x AC36II 3 in 6 out speaker processor

1x HX2-700 2x350w power amplifier for HF

1x QX2-2000 2x1000w power amplifier for MF

1x QX2-2000 2x1000w power amplifier for LF

setup configuration 2

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

2 x suspension cradle

	V5	V5S	V5SA
MAX SPL	**LF 116dB / HF 127dB**	**130dB**	**130dB**
PEAK	**LF 400W / HF 200W**	**1000W**	**POWER 750W+750W**
PGM	LF 200W / HF 100W	500W	-
RMS	LF 100W / HF 50W	250W	-
WEIGHT	11kg	31kg	33kg
Cabinet type	2-way passive line array	passive line array woofer	active line array woofer
Frequency response	60Hz - 20kHz (-10dB)	50Hz - 350Hz (-10dB)	50Hz - 350Hz (-10dB)
	80Hz - 18kHz (+/-3dB)	55Hz - 300Hz (+/-3dB)	55Hz - 300Hz (+/-3dB)
Sensitivity 1w@1m	LF 90dB / HF 104dB	97dB	0dBu
Coverage (h x v)	90 degree x angle dependent	-	-
LF Driver	2 x 5" / 25mm VC	2 x 10" / 65mm VC	2 x 10" / 65mm VC
HF Driver	1 x 1.75" / 44mm VC	-	-
Impedance	LF 16 ohm / HF 16 ohm	4 ohm	LF AMP + 4x 4ohm output for MF/HF
Crossover frequency	80Hz / 1.7kHz	80Hz	80Hz
Vertical spread angle	0-10 degree (2 degree step)	-	-
Dimensions (wxhxd)	483 x 171 x 351mm	483 x 410 x 623mm	483 x 410 x 680mm

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.
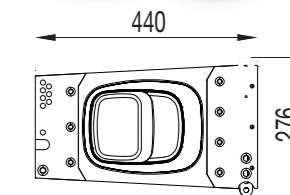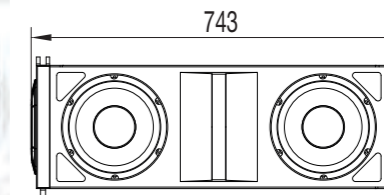
V8 2-WAY PASSIVE LINE ARRAY ELEMENT

- 2x8"(203mm) / 2"voice coil
- 2×1.75" (44mm) neodymium compression driver
- Ultra compact with durable finish
- Fully adjustable aluminium suspension system available
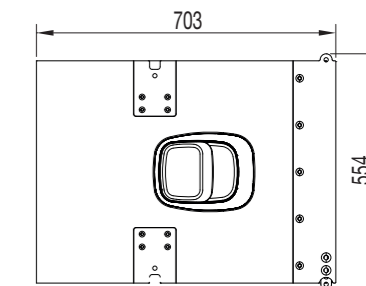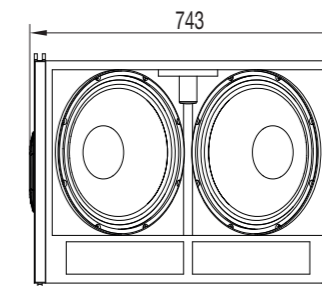
V8S PASSIVE WOOFER CABINET

- 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

	V8	V8S
MAX SPL	**LF 128dB / HF 135dB**	**137dB**
PEAK	**LF 1200W / HF 320W**	**4000W**
PGM	LF 600W / HF 160W	2000W
RMS	LF 300W / HF 80W	1000W
WEIGHT	30kg	64kg
Cabinet type	2-way passive line array	passive line array woofer
Frequency response	65Hz - 20kHz (-10dB) / 80Hz - 18kHz (+/-3dB)	40Hz - 500Hz (-10dB) / 45Hz - 400Hz (+/-3dB)
Sensitivity 1w@1m	LF 97dB / HF 110dB	101dB
Coverage (h x v)	90 degree x angle dependent	-
LF Driver	2 x 8" / 50mm VC	2 x 15" / 100mm VC
HF Driver	2 x 1.75" / 44mm VC NdFeB	-
Impedance	LF 16 ohm / HF 16 ohm	4 ohm
Crossover frequency	300Hz / 2kHz	300Hz
Vertical spread angle	0-6 degree (1 degree step)	-
Dimensions (wxhxd)	743 x 276 x 440mm	743 x 554 x 703mm

V8 LINE ARRAY series

V8

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 AC48II 4 in 8 out speaker processor

1 x QX2-1300 2x650w power amplifier for V8 : HF
1 x QX2-3000 2x1500w power amplifier for V8 : MF
1 x QX2-3000 2x1500w power amplifier for V8S : LF
2 x QX2-4000 2x2000w power amplifier for TRX218S sub

2 x suspension cradle

LINE ARRAY (Optional products)

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 10" passive / active array

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 138dB on the passive sub cabinets.

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 equiped 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 weatherproof finish.

Intelligent fast fixing suspension system.

V10 2-WAY PASSIVE WATERPROOF LINE ARRAY ELEMENT
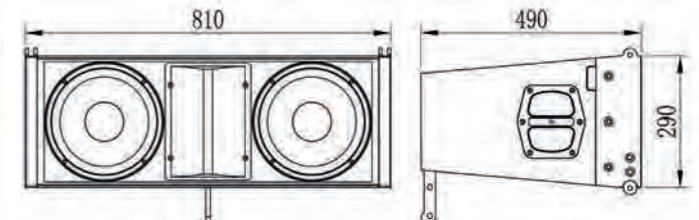
V10S PASSIVE WATERPROOF WOOFER CABINET
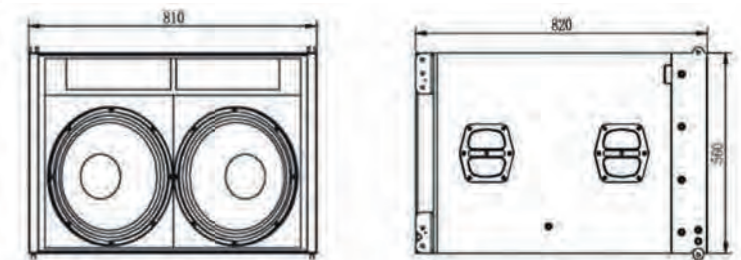
	V10	V10S
MAX SPL	137dB	139dB
PEAK	LF 2800W / HF 320W	5600W
PGM	LF 1400W / HF 160W	2800W
RMS	LF 700W / HF 80W	1400W
WEIGHT	28kg	79kg
Cabinet type	2-way passive line array	passive line array woofer
Frequency response	70Hz - 20kHz	35Hz - 500Hz (-10dB) / 40Hz - 400Hz (+/-3dB)
Sensitivity 1w@1m	LF 102dB / HF 110dB	101dB
Coverage (h x v)	120 x 10 degree	-
LF Driver	2 x 10" NdFeB	2 x 15" / 100mm VC
HF Driver	2 x 1.75" / 44mm VC NdFeB	-
Impedance	LF 8 ohm / HF 16 ohm	4 ohm
Crossover frequency	-	200Hz
Vertical spread angle	0-10 degree (1 degree step)	-
Dimensions (wxhxd)	810 x 290 x 490mm	810 x 560 x 820mm

V10 LINE ARRAY series

V10A 2-WAY ACTIVE LINE ARRAY ELEMENT

SUGGESTED SETUP CONFIGURATION

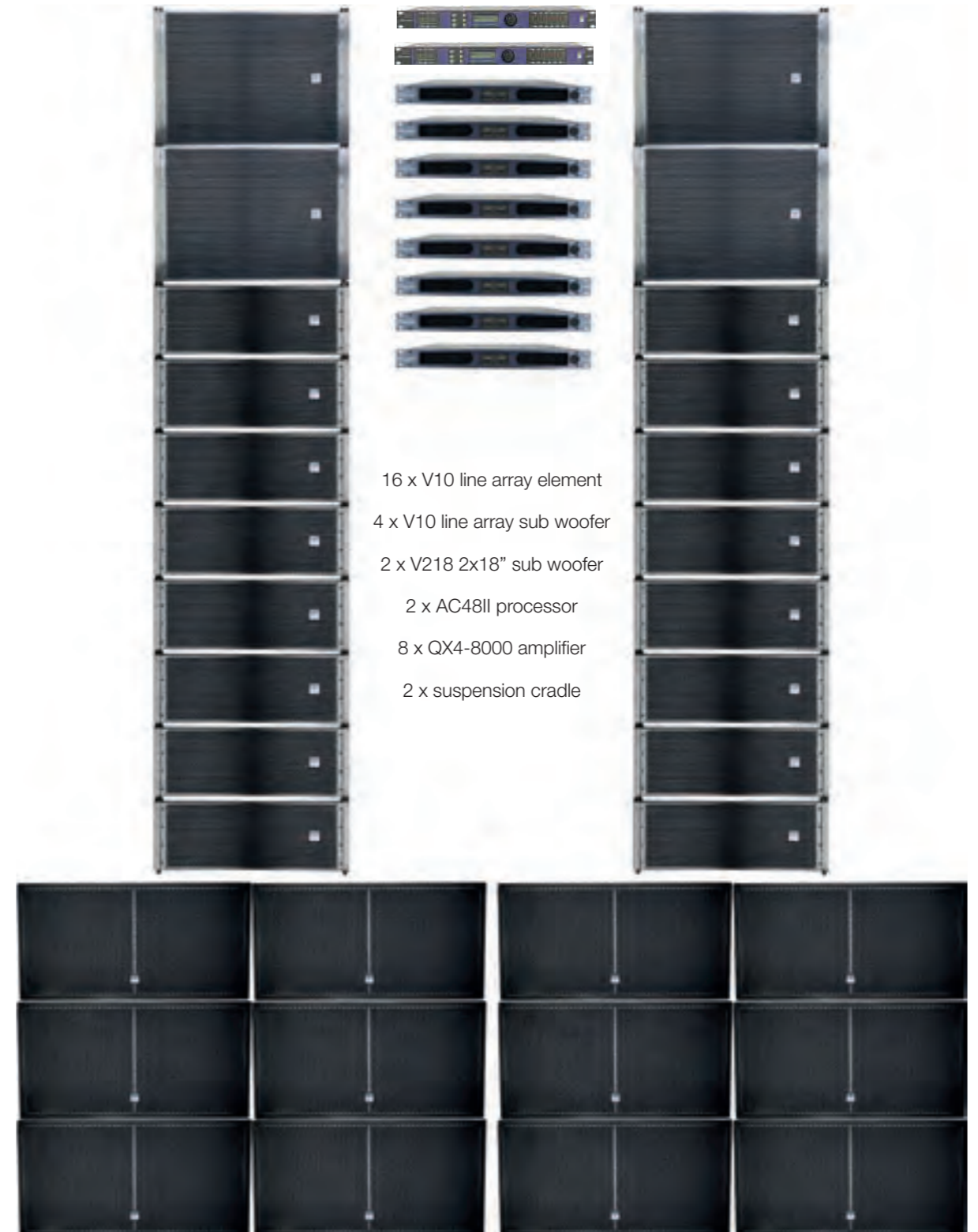### FOR UP TO 12,000 PERSONS
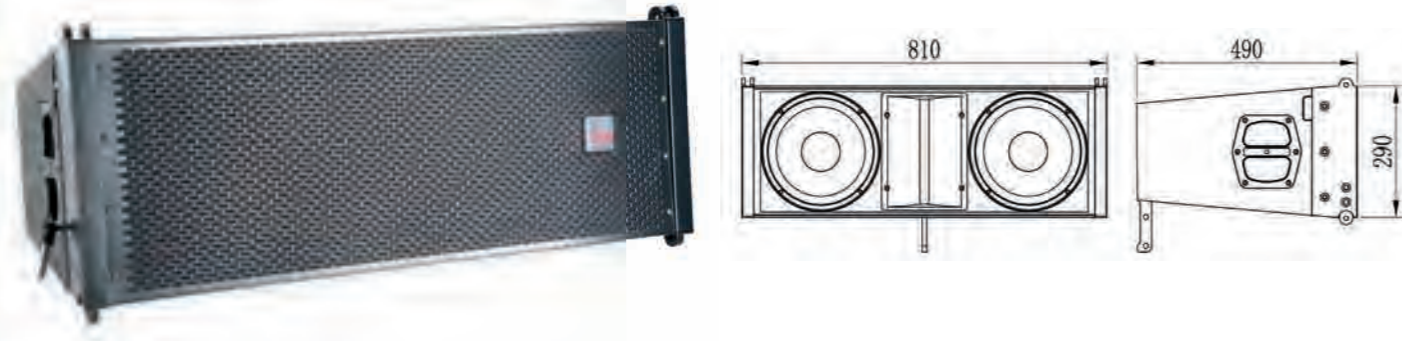
V10SA ACTIVE WOOFER CABINET

rear panel of V10A / V10SA with multi-function DSP featuring : gain, crossover, phase, delay, unique limiting Input gain, master level, USB connection

16 x V10 line array element

4 x V10 line array sub woofer

2 x V218 2x18" sub woofer

2 x AC48II processor

8 x QX4-8000 amplifier

2 x suspension cradle

	V10A	V10SA
MAX SPL	**136dB**	**132dB**
POWER	**LF 1000W / HF 150W**	**1500W**
WEIGHT	34kg	44kg
Cabinet type	2-way active line array	active line array woofer
Frequency response	60Hz - 22kHz (-10dB) / 70Hz - 18kHz (+/-3dB)	32Hz - 400Hz (-10dB) / 35Hz - 300Hz (+/-3dB)
Input sensitivity	0dBu	0dBu
Coverage (h x v)	120 x 10 degree	-
LF Driver	2 x 10"	1 x 18"
HF Driver	2 x 1.34" / 34mm VC	-
Impedance	-	-
Crossover frequency	-	-
Vertical spread angle	0-10 degree (1 degree step)	-
Dimensions (wxhxd)	810 x 290 x 490mm	810 x 560 x 820mm

V10 LINE ARRAY series

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 thoughout
- Adjustable aluminium suspension system available
- Standard (V12) and WATERPROOF (V12W) versions available

1019   553   364
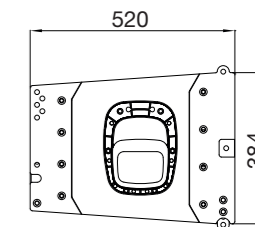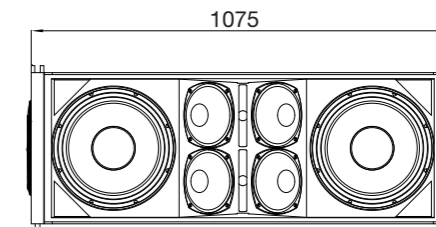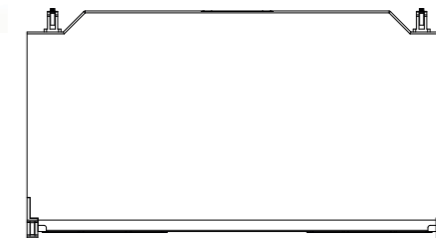
V12W THREE WAY PASSIVE LINE ARRAY ENCLOSURE

- 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 thoughout
- Adjustable aluminium suspension system available
- Standard (V12) and WATERPROOF (V12W) versions available

1075   520   384

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.

In addition to the V12 line array range, is a brand new all weather, water resistant enclosure. Featuring premium sealed componenets, and a brand new hoisting system. With the all weather capabilities, the V12W is suitable for a greater range of applications.
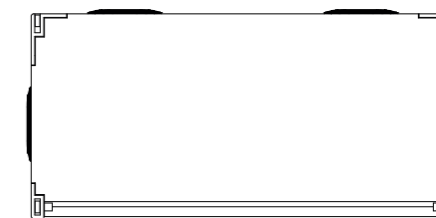
	V12	V12W
MAX SPL	**LF 135dB / MF 136dB / HF 141dB**	**LF 135dB / MF 135dB / HF 139dB**
PEAK	**LF 3200W / MF 1200W / HF 640W**	**LF 2x2800W / MF 1600W / HF 720W**
PGM	LF 1600W / MF 600W / HF 320W	LF 2x1400W / MF 800W / HF 360W
RMS	LF 800W / MF 300W / HF 160W	LF 2x700W / MF 400W / HF 180W
WEIGHT	62kg	62kg
Cabinet type	3-way passive line array	3-way passive line array
Frequency response	50Hz - 20kHz (-10dB) / 62Hz - 18kHz (+/-3dB)	50Hz - 20kHz (-10dB) / 62Hz - 18kHz (+/-3dB)
Sensitivity 1w@1m	LF 100dB / MF 105dB / HF 113dB	LF 99dB / MF 103dB / HF 110dB
Coverage (h x v)	90 x 7.5 degree adjustable	90 x 8 degree adjustable
LF Driver	2 x 12" / 75mm VC	2 x 12" / 100mm VC
MF Driver	1 x 10" / 65mm VC	4 x 6.5" / 50mm VC
HF Driver	2 x 3" compression driver	2 x 3" compression driver
Impedance	LF 8 ohm / MF 8 ohm / HF 16 ohm	LF 8 ohm / MF 16 ohm / HF 16 ohm
Crossover frequency	250Hz / 1.3kHz	250Hz / 2kHz
Vertical spread angle	0-7 degree (1.8 degree step)	0-8 degree (2 degree step)
Dimensions (wxhxd)	1019 x 364 x 553mm	1075 x 384 x 520mm

V12 LINE ARRAY series

SUGGESTED SETUP CONFIGURATION

setup configuration

8 x V12 three way passive cabinets

4 x V218S 2x18" passive sub cabinets

1 x AC48II 4 in 8 out speaker processor

1 x QX4-2600 2x1300w power amplifier for V12 : HF
1 x QX4-4000 2x 2000w power amplifier for V12 : MF
1 x QX4-6000 2x3000w power amplifier for V12 : LF
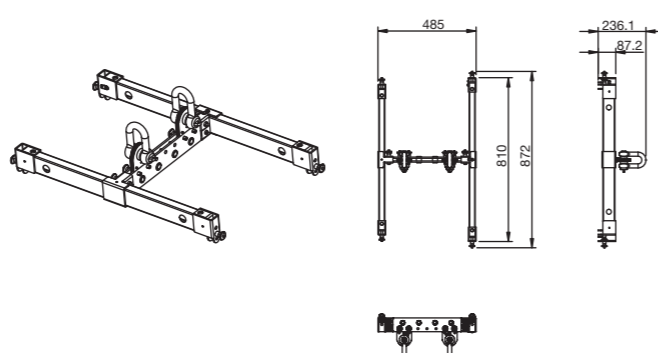1 x QX4-8000 2x4000w power amplifier for V218S sub

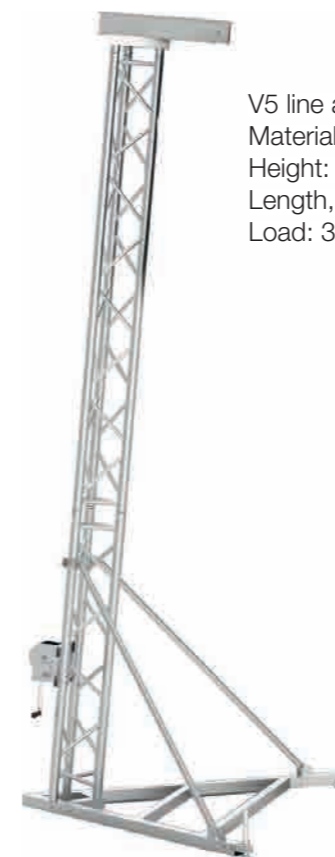2 x suspension cradle

LINE ARRAY (Suspension accessories)

V8 Suspension racks

V10 Suspension racks

435.3
162.4
87.2
485
236.1
87.2
719
657
721
783
810
872
435.3
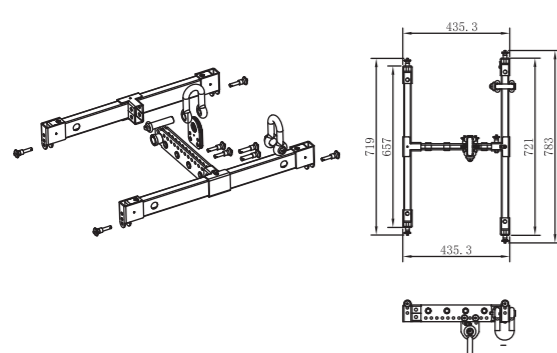
LINE ARRAY (Optional products)

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
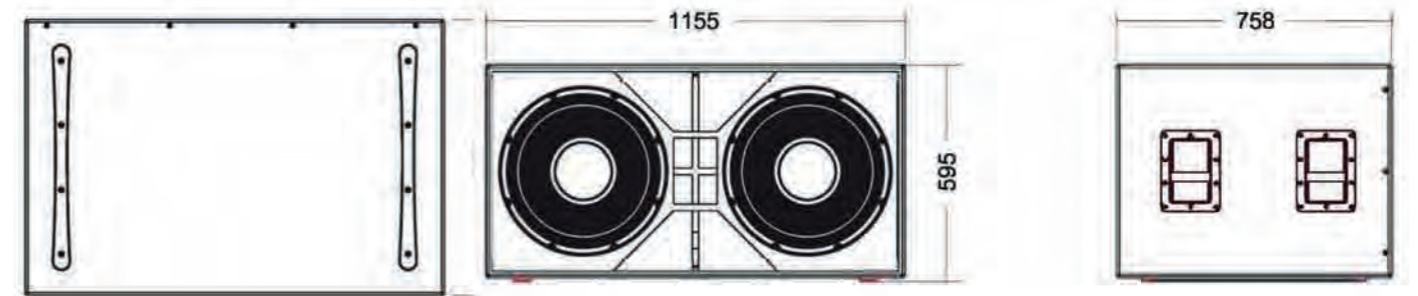Test data 3200KG, four times of load security coefficient

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 series
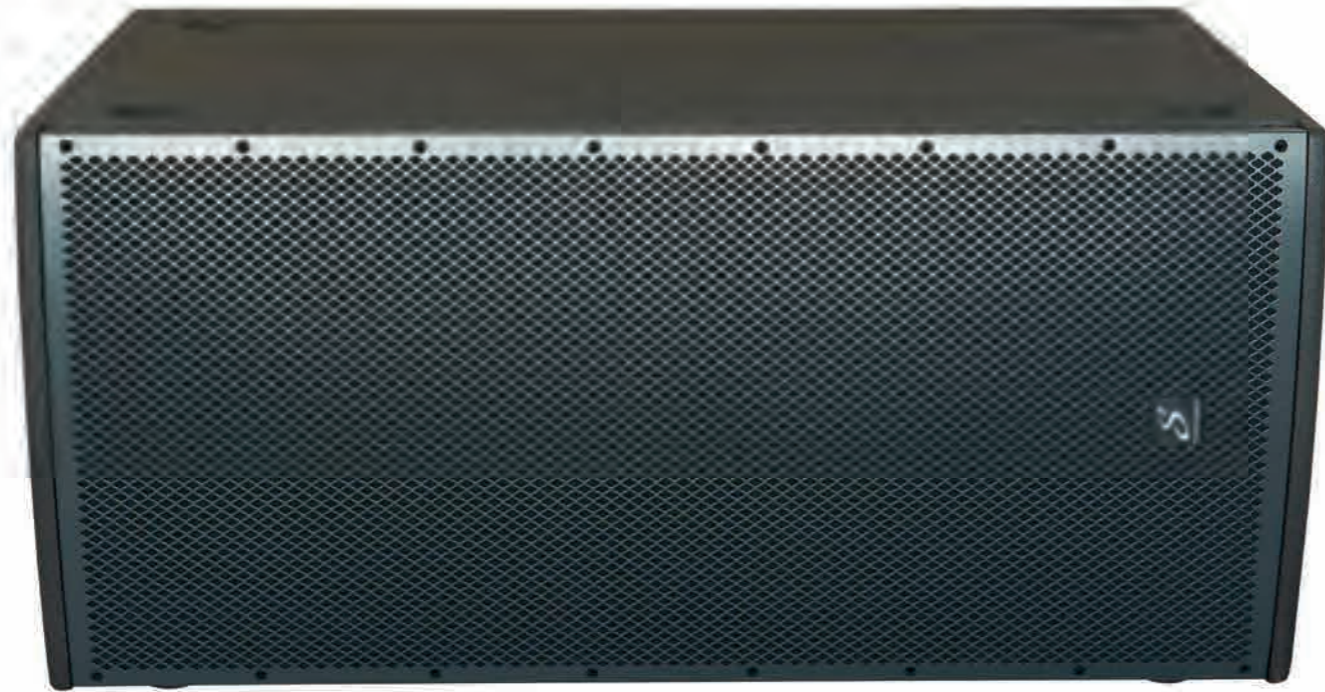
	TRX218S
MAX SPL	**137dB**
PEAK	**4800W**
PGM	2400W
RMS	1200W
WEIGHT	84kg
Cabinet type	passive line array sub woofer
Frequency response	33Hz - 150Hz
Sensitivity 1w@1m	100dB +/-3dB
LF Driver	2 x 18" / 4" VC
Impedance	4 ohm
Crossover frequency	-
Dimensions (wxhxd)	1200 x 520 x 700mm

	V218S
MAX SPL	**138dB**
PEAK	**8000W**
PGM	4000W
RMS	2000W
WEIGHT	83kg
Cabinet type	passive line array sub woofer
Frequency response	32Hz - 200Hz
Sensitivity 1w@1m	99dB +/-3dB
LF Driver	2 x 18" / 4" VC
Impedance	4 ohm
Crossover frequency	100Hz
Dimensions (wxhxd)	1115 x 595 x 758mm

1155

595

758

TRX218S / V218S sub bass

RACKS
PROCESSORS
& ACCESSORIES

digiRACK 3216
DIGITAL STAGEBOX SYSTEM

digiRACK 1632
DIGITAL STAGEBOX SYSTEM

digital stagebox system

Expanding our range of digital products, we have introduced a new Digirack stage box system. Comprising a STAGE and FOH unit, with low latency single CAT5e cable digital connectivity giving 32 input/16 output bi-directional signals at up to 100m distance.

All inputs and outputs are balanced XLR with +48V phantom power and a useful MUTE ALL function.

The Digirack 3216 (STAGE) has 32 inputs and 16 outputs, the Digirack 1632 (FOH) has 32 outputs and 16 inputs. Combined with an analogue mixer or compact digital mixers without a digital stagebox system, the Digirack is perfect for many applications from live performance to fixed installation, where affordability and flexibility is essential.

- 32 analogue balanced inputs, 16 analogue balanced outputs
- Master / Slave mode selection
- One button MUTE operation for each output
- +48V phantom power switch for inputs
- +20dB gain setting
- Utilises CAT5e cabling
- Low latency
- Transmitting distance up to 100m

SPECIFICATIONS DIGIRACK

Channel Number :	Digirack3216	32 balanced XLR input
		16 balanced XLR output
	Digirack1632	16 balanced XLR input
		32 balanced XLR output
Sample rate :		24bit / 96kHz
Frequency Response :		20Hz - 20kHz +/-0.5dBu
THD+N :		< 0.03%
Dynamic Range :		110dB
Crosstalk :		-85dB
Maximum input level :		+24dBu
Maximum output level :		+22dBu
Load impedance :		10k ohms
Mic input signal range (input sensitivity) :		-60dBu ~ +6dBu
Residual noise :		-90dBu
System delay (latency) :		<1ms
Network interface :		CAT5e Dual interface (primary+backup)
AC supply :		100-240V (50/60Hz)
Connector :		Balanced XLR
Operating Temperature :		0 - 40 degrees celcius

DIGIRACK

AC36II 3 INPUT 6 OUTPUT DIGITAL AUDIO PROCESSOR

AC48II 4 INPUT 8 OUTPUT DIGITAL AUDIO PROCESSOR

AC88II 8 INPUT 8 OUTPUT DIGITAL AUDIO PROCESSOR

- 48kHz sampling rate, 40-bit DSP processor, 24-bit AD/DA convertor.
- 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	20Hz~20kHz, -0.3dBu
	S/N Ratio	>110 dBu
	Distortion(THD)	<0. 01at1kHz(0dBu)
	Cross-talk	<100dB below full scale
Input Section	Type	Balanced XLR
	Max. Input Level	+15dBu
	Impedance	1M/ΩStereo; 500kΩ/MONO
Output Section	Type	Balanced XLR
	Max. Output Level (bypass)	+15dBu
	Impedance	<500Ω
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	

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 switch-able 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

SPECIFICATIONS SRQ

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

AC / SRQ series

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.

KM52 DYNAMIC MICROPHONE WITH ON/OFF SWITCH

KM92 DYNAMIC MICROPHONE

KM102 DYNAMIC MICROPHONE WITH ON/OFF SWITCH

KM103 USB DYNAMIC MICROPHONE

KM92

KM52

KM102   KM103

USB

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(0dB=1V/Pa at 1kHz)	-54dB ±3dB(0dB=1V/Pa at 1kHz)	-52dB ±3dB(0dB=1V/Pa at 1kHz)	-52dB ±3dB(0dB=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

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 interferance
- Automatic frequency scan feature searches for available frequencies
- PLL system. Preset 240 non-interfered channels, adjustable 600 free frequencies
- Rechargable handheld microphones with 80M range
- Standard 19-inch rack mounting with included rack ears

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.

Optional

SPECIFICATION W2

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

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

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

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

Optional

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: >95dB
Receiving Sensitivity: -80dBm

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

MICROPHONES

H 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: 32Ω
Sensitivity: 95±3dB
Frequency Response: 15Hz-28kHz
Max. Power: 400mW
Rating Power: 200mW
Cable: About 3m (straight)
Plug: 3.5mm+ 6.3mm
Net Weight: 233g (with cable)
Norminal 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: 40Ω
Sensitivity: 98±3dB
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: 32Ω
Sensitivity: 100±3dB
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

SPS1
Speaker Stand

SPS2
Crank-up Speaker 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)

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)

Φ35

Air cushion

Φ35
Φ38

Air cushion

Air cushion spring

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)

Studiomaster since 1976

live sound solutions

CARLSBRO powered by since 1959

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Studiomaster since 1976