Studiomaster® PROFESSIONAL

SMProfessional®



INNOVATIVE PROFESSIONAL AUDIO SOLUTIONS

ACHIEVE & ASPIRE FOR MORE...













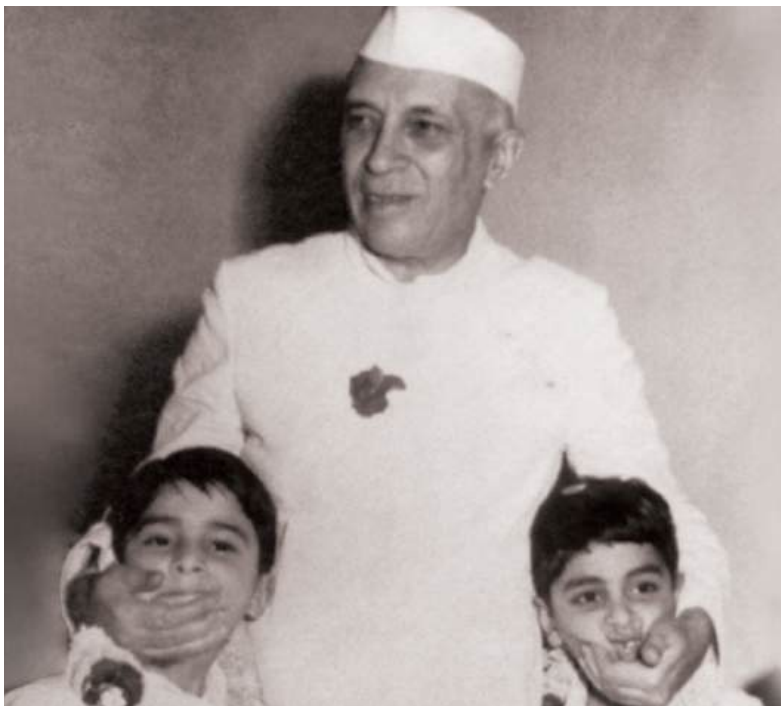


PRODUCT CATALOGUE 2026-2027






P Series






Studiomaster
AUDIOPLUS
25
Years of Excellence


MANUFACTUR
AWARDS




Studiomaster
SM Professional
MIXING CONSOLES

Index

Welcome to the constantly evolving world of SMProfessional® !

Our vision is to provide professional audio solutions that deliver exemplary performance, even under exacting Indian conditions. Our mission is to bring high performance products that have a hallmark of our legendary reliability, within the reach of every user in the country. Our dream is to make you “aspire for more” and achieve more with SMProfessional® !

With extensive experience in designing, manufacturing, and supporting professional audio equipment, we are the undisputed leaders in Pro Audio solutions. Our distinguished track record doesn’t make us complacent in any way; it just makes us strive harder to create new benchmarks by anticipating customer needs, pushing boundaries, redefining technologies, while creating cost-effective yet clever solutions!

Commitment defines the way we do business hence we consistently bring products that set the markets abuzz! It comes as no surprise therefore that SMProfessional® is the preferred brand amongst Pro Audio users in India!

Step into the world with a professional advantage.....

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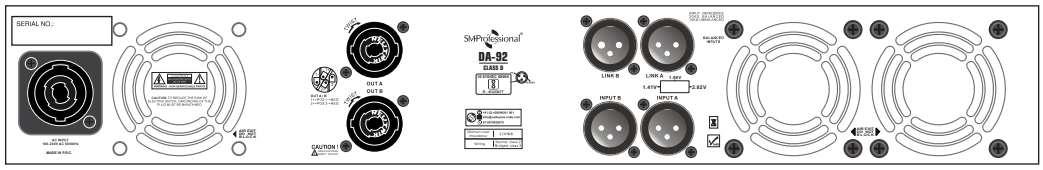
DA Series Premium Class D Amplifiers

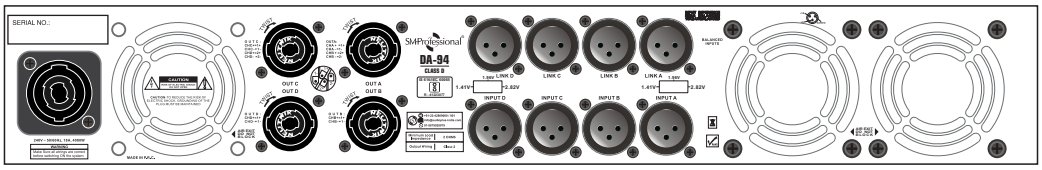
BIS Approved

The DA series is our range of powerful and efficient professional class D digital amplifiers. Integrating an efficient switched-mode power supply (SMPS), high resolution sampling rate and a host of advanced technologies and premium components, these sleek and lightweight amplifiers are geared for driving high wattage loudspeakers in live and touring applications.









IMMENSE POWER

SUPER EFFICIENT

SUPER LIGHTWEIGHT

HIGH RESOLUTION

PREMIUM COMPONENTS

- Highly powerful and efficient professional class D amplifiers.
- **Switched-mode power supply (SMPS) for high efficiency.**
- Integrates high capacity inductor cores, high tolerance capacitor banks and premium PCB components.
- **High resolution sampling rate for high fidelity signal conversion and clear sound reproduction.**
- Power Factor Correction (PFC) & Pulse Width Modulation (PWM) for accuracy and efficiency.
- Large Aluminium heat sink and 3 x low-noise high-speed fans for optimal heat dissipation.
- Short circuit, over voltage, over current, thermal, clip limiter and soft-start for protection.
- Sensitivity selection between 1.4V, 1.96V and 2.42V for flexibility in input source connections.
- Audio-grade Neutrik™ balanced XLR input and link and Speakon loudspeaker connectors.
- Classy brushed Aluminium finish front dial plate.

Technical Specifications	DA-92	DA-94
Power Rating		
4Ω (True RMS)	2 x 4600W	4 x 2600W
8Ω (True RMS)	2 x 2300W	4 x 1300W
Sampling Rate	192kHz	384kHz
Input Sensitivity (Rear Panel)	1.41V / 1.96V / 2.82V (Switchable)	
Frequency Response	20Hz-20kHz (±0.35dB)	
THD (1kHz @ 1W)	0.05% Typical	
Input Impedance	9.5KΩ Balanced | 4.75KΩ Unbalanced	
Damping Factor (8Ω)	>500:1	
Protections	Short Circuit, Over Voltage, Over Current, Thermal, Clip Limiter, Soft-Start	
Input Connector (Per Channel)	Neutrik® XLR (F)	
Link Connector (Per Channel)	Neutrik® XLR (M)	
Output Connector (Per Channel)	Neutrik® Speakon	
Cooling	3 x Low-Noise High-Speed Fans	
Indicators (Per Channel)	Signal / Clip / Loading (Powering) / Fault / AC On / Power On	
Supply Voltage	240V~ 50Hz	
Dimensions (W x D x H) mm	482 x 405 x 66 (1.5U)	
Net Weight (Kg)	8.9	

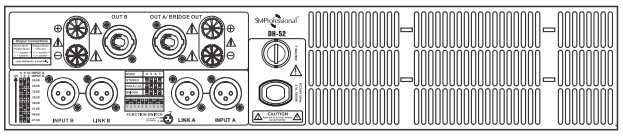
DH Series Professional Digital Hybrid Stereo Power Amplifiers

BIS Approved

The DH series is our range of digital hybrid stereo power amplifiers designed to deliver high efficiency, definition, dependability and incredible sonic punch in a wide variety of live, touring, DJ, PA and installation applications.

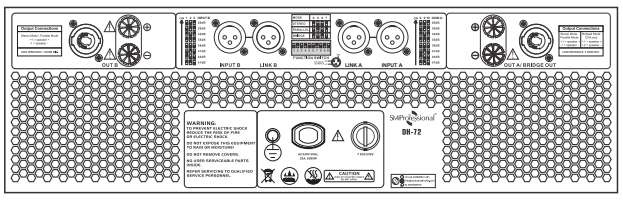
DH-52





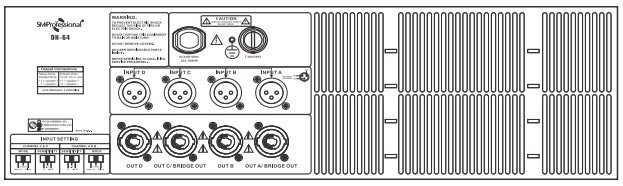
DH-72





DH-64 - 4 Channel





- Innovative "Tracking Class D" (TD) circuit design to deliver high drive, definition and dependability.
- **Delivers efficiency of Class D technology with the sonic punch of class AB amplification.**
- Tamper-proof dip switches for finely-graded sensitivity selection.
- Sensitivity range of 26dB to 47dB (+3dB increments) to connect versatile input devices and loudspeaker types.
- High-current toroidal transformers with high-endurance cores for superior transient response.
- 3 switchable operational modes: stereo, parallel, and bridge.
- Low THD and high damping factor for excellent sound quality.
- Built-in limiter circuit for speaker protection from damage due to distorted input signals.
- Protection devices: temperature, VHF, DC, short circuit, soft-start and overload.
- Intelligent cooling and heat dissipation using dual variable speed CFM fans.
- 3-colour LED bargraph to indicate power ON, signal (5-segments), limit and protect status.
- Audio-grade balanced XLR input connectors.
- High-performance Speakon and binding post output connectors.
- Wide mains voltage operation 150-240V AC.
- Minimum wiring and standardised layout for easy serviceability.

Technical Specifications	DH-52	DH-72	DH-64
Stereo Mode Power Output			
4Ω (True RMS), 20Hz-20kHz, 1% THD	2 x 1800W	2 x 2850W	4 x 1200W
8Ω (True RMS), 20Hz-20kHz, 1% THD	2 x 1200W	2 x 1800W	4 x 900W
Bridged Mode Power Output			
8Ω (True RMS), 20Hz-20kHz,1% THD	3600W	5400W	2400W
Gain Sensitivity Selection	26dB to 47dB, Increment of 3dB, Total 8 Switches		
Frequency Response	20Hz-20kHz (±0.5dB)		
THD+N @ Rated Power, 4Ω Load, Single Channel	< 0.1%		
Signal to Noise Ratio	< 100dB		
Crosstalk	< 70dB @ 1kHz		
Input Impedance	20KΩ Balanced, 10KΩ Unbalanced		
Damping Factor (8Ω)	>400:1	>500:1	>400:1
Protection	Temperature, VHF, DC, Short Circuit, Soft-Start, and Overload		
Input Connector (Per Channel)	XLR		
Output connector (Per Channel)	Speakon & Binding Post		Speakon
Dimensions (W x D x H) mm	483 x 410 x 88 (2U)	483 x 507 x 132 (3U)	483 x 420 x 132 (3U)
Net Weight (Kg)	23	32.5	30

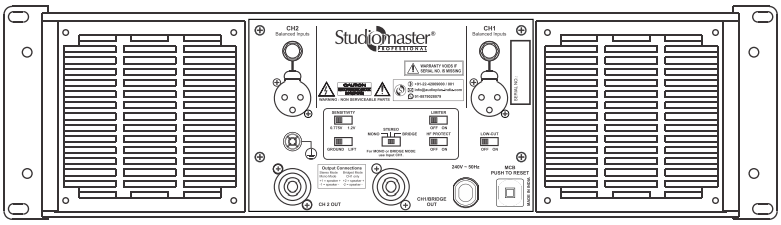
PA Series Professional Stereo Power Amplifiers

BIS Approved

The PA series is our flagship range of high-power amplifiers built to have outstanding sound quality, excellent power efficiency, and guaranteed operational reliability. The amplifiers deploy two types of power supplies. The Switch Mode Power Supply allows effortless operation on voltages as low as 130V while the Linear Power Supply delivers a punch-packed performance. With a legacy spanning over two decades, the Studiomaster Professional PA series is among the most popular power amplifiers in India!



- Professional-grade high-power stereo amplifier.
- **High-current toroidal transformers with high-endurance cores for greater transient response and low-noise even at 2Ω.**
- High-quality glass epoxy, double-sided PTH PCBs, and high-grade components ensure reliability even in tough ambient environs.
- Intelligent cooling using low-noise variable speed fans and direct-mounted heatsinks for optimal heat dissipation.
- Sensitivity selectable between 0dB or +4dB for flexibility in connection of input sources.
- Low THD and high damping factor for excellent sound quality.
- Switchable low-cut for protection and a tight low-end performance.
- The limiter switch provided protects the speakers from damage due to distorted input signals.
- 41-detent rotary volume control knobs.
- 3 switchable operational modes: stereo, mono, and bridge.
- Audio-grade balanced XLR and ¼" stereo jack input connectors.
- High-performance Speakon output connectors.
- On, mute, signal, limiter, and temperature LED indicators assists in monitoring performance.
- Rated for stable 2Ω operation.





Highly efficient Toroidal Transformers.



High endurance amp modules with large heat sinks.

Technical Specifications	PA 1.5	PA 2.0	PA 3.0	PA 4.5	PA 6.0	PA 7.5	PA 10.0
Stereo Mode Power Output							
2 Ω (True RMS), 20Hz-20kHz, 1% THD	2 x 800 W	2 x 1000 W	2 x 1500 W	2 x 2250 W	2 x 3000 W	2 x 3750 W	2 x 5000 W
4 Ω (True RMS), 20Hz-20kHz, 1% THD	2 x 650 W	2 x 800 W	2 x 1100 W	2 x 1600 W	2 x 2000 W	2 x 2600 W	2 x 3100 W
8 Ω (True RMS), 20Hz-20kHz, 1% THD	2 x 350 W	2 x 500 W	2 x 700 W	2 x 950 W	2 x 1300 W	2 x 1550 W	2 x 1900 W
Bridged Mode Power Output							
4 Ω (True RMS), 20Hz-20kHz, 1% THD	1600 W	2000 W	3000 W	4500 W	6000 W	7500 W	10000 W
8 Ω (True RMS), 20Hz-20kHz,1% THD	1300 W	1600 W	2200 W	3200 W	4000 W	5200 W	6200 W
Damping Factor (8 Ω)	>200:1		>400:1				
Frequency Response	20Hz-20kHz (±0.5dB)						
Protection	Temperature, DC, RFI, Short Circuit, Soft-Start, and Overload						
Input Connector (Per Channel)	XLR and ¼" TRS Jack						
Output Connector (Per Channel)	Speakon						
Dimensions (W x D x H) mm	482 x 455 x 88 (2U)		482 x 455 x 130 (3U)			482 x 570 x 130 (3U)	482 x 595 x 133
Net Weight (Kg)	17	18	28	32	36	40	45

Note: BIS registration is Mandatory for all amplifiers with input power above 2000W.

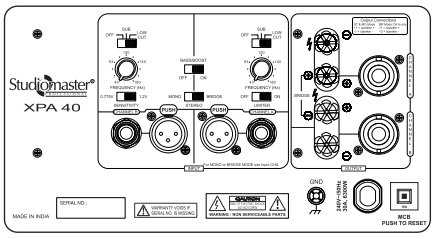
XPA Series Professional Stereo Power Amplifiers

BIS Approved

High Power Amplifiers with Innovative Thermal Management System

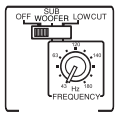


Rear Panel: XPA 30, 40



BUILT-IN CROSSOVER

SUB WOOFER
This is a low-pass filter. The amplifier reproduces frequencies that are lower than the cut-off set by the frequency adjustment knob.



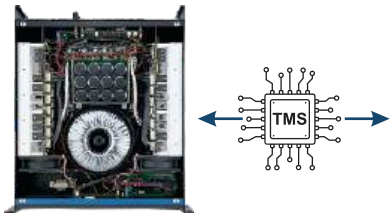
LOW CUT
This is a high-pass filter. You can use this setting to filter out unneeded low or subsonic frequencies.

BASS BOOST SWITCH



When you activate this mode, the amplifier adds low-frequency compensation to enhance the speaker's bass output.

Note: This switch is only effective when the FILTER switch is in the OFF position.



Thermal Management System (TMS) is our proprietary temperature-controlled gain variation technology integrated into the circuitry. Heat kills amplifiers and its parts. In the XPA series amplifiers, the temperature is never allowed to exceed the permissible limit. The TMS technology "jumps in" to adjust amplifier parameters and keep the temperature limit-bound. Audio quality is never compromised and this keeps the amplifier running smooth and cool...

Benefits of TMS Technology

- ✓ Superior sound clarity
- ✓ No dropouts during performance
- ✓ Improved amplifier efficiency
- ✓ Longer and stable runtime
- ✓ Higher operational reliability

- Premium-grade high-power stereo amplifiers.
- High-quality balanced XLR and ¼" stereo jack input connectors.
- 3 switchable operational modes: stereo, mono, and bridge.
- High-current toroidal transformers with high-endurance cores for greater transient response and low-noise even at 2Ω.
- Sensitivity (0.775V or 1.2V) selection switch allows flexibility in connection of input sources.
- Limiter switch to protect speakers from damage due to distorted input signals.
- Responsive rotary volume control knobs.
- Low THD and high damping factor for excellent sound quality.
- High-quality glass epoxy, double-sided PTH PCBs, and high-grade components ensure reliability even in tough ambient environs.
- Intelligent cooling using low-noise variable speed fans and direct-mounted over-designed heatsinks.

Technical Specifications	XPA 30	XPA 40
Stereo Mode Power Output		
2 Ω (True RMS), 20Hz-20kHz, 1% THD	2 x 1500 W	2 x 2000 W
4 Ω (True RMS), 20Hz-20kHz, 1% THD	2 x 1100 W	2 x 1400 W
8 Ω (True RMS), 20Hz-20kHz, 1% THD	2 x 700 W	2 x 850 W
Bridged Mode Power Output		
4 Ω (True RMS), 20Hz-20kHz, 1% THD	3000 W	4000 W
8 Ω (True RMS), 20Hz-20kHz, 1% THD	2200 W	2800 W
Damping Factor (8 Ω)	>500:1	
Frequency Response	20Hz-20kHz (± 0.5dB)	
Protection	Temperature, DC, RFI, Short Circuit, Soft-Start, Overload	
Input Connector (Per Channel)	XLR and ¼" TRS Jack	
Output Connector (Per Channel)	Speakon and Binding Post	
Dimensions (W x D x H) mm	482 x 515 x 133	484 x 575 x 133 (3U)
Net Weight (Kg)	30	33

Note: BIS registration is Mandatory for all amplifiers with input power above 2000W.

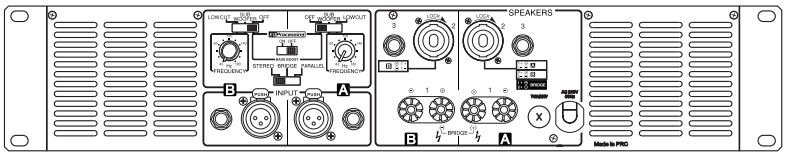
DJA Series Professional Stereo Power Amplifiers

BIS Approved

The DJA series is our range of high-performance and cost-effective power amplifiers designed to deliver clean, dynamic power with the legendary Studiomaster Professional sound quality and reliability that professionals depend on.

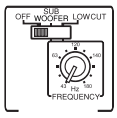


- Rugged and reliable professional stereo power amplifier.
- High-current toroidal transformers with high-endurance cores for superior transient response.
- **Ultra-functional EQ Processing, Low Cut, and Subwoofer with crossover selection options.**
- 3 switchable operational modes: stereo, parallel, and bridge.
- Intelligent cooling and heat dissipation using large low-noise variable speed fans.
- LED indicators on the front panel for power, signal, clip, bass boost and protect modes.
- Mains voltage operation 240V AC as well as low voltage operation at 150V AC.
- Audio-grade balanced XLR and ¼" jack input connectors.



BUILT-IN CROSSOVER

SUB WOOFER
This is a low-pass filter. The amplifier reproduces frequencies that are lower than the cut-off set by the frequency adjustment knob.



LOW CUT
This is a high-pass filter. You can use this setting to filter out unneeded low or subsonic frequencies.

BASS BOOST SWITCH



When you activate this mode, the amplifier adds low-frequency compensation to enhance the speaker's bass output.

Note: This switch is only effective when the FILTER switch is in the OFF position.

NEW

Technical Specifications	DJA 800	DJA 1600	DJA 2500	DJA 3200	DJA 4000	DJA 5000	DJA 6000	DJA 7000	DJA 12000
Stereo Mode Power Output									
2 Ω (True RMS), 20Hz-20kHz, 1% THD	-	-	-	-	-	2 x 2800 W	2 x 3000 W	2 x 3600 W	2 x 6000 W
4 Ω (True RMS), 20Hz-20kHz, 1% THD	2 x 250 W	2 x 550 W	2 x 900 W	2 x 1125 W	2 x 1400 W	2 x 1900 W	2 x 2000 W	2 x 2500 W	2 x 4000 W
8 Ω (True RMS), 20Hz-20kHz, 1% THD	2 x 165 W	2 x 350 W	2 x 600 W	2 x 700 W	2 x 900 W	2 x 1200 W	2 x 1300 W	2 x 1600 W	2 x 2500 W
Bridged Mode Power Output									
8 Ω (True RMS), 20Hz-20kHz,1% THD	525 W	1150 W	1800 W	2250 W	2800 W	3800 W	4000 W	4700 W	8000 W
Damping Factor (8 Ω)	>500:1						>600:1		
Frequency Response	20Hz-20kHz (-3dB)								
Protection	Temperature, DC, Short Circuit, and Soft-Start								
Input Connector (Per Channel)	XLR and ¼" TRS Jack								
Output Connector (Per Channel)	Speakon, Binding Posts, and ¼" TRS Jack			Speakon and Binding Post					
Dimensions (W x D x H) mm	482 x 456 x 88 (2U)			482 x 495 x 132 (3U)		482 x 530 x 132 (3U)			482 x 650 x 135
Net Weight (Kg)	13	15.5	20	27	30	32	33	34	48

Note: BIS registration is Mandatory for all amplifiers with input power above 2000W.
*** Amplifier models DJA 2500 & above are BIS approved.**

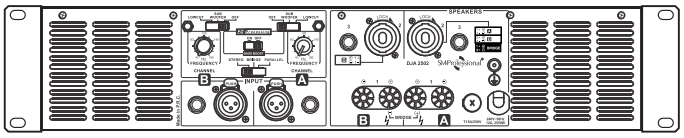
DJA Series Stereo Power Amplifier With Digital Colour Display

BIS Approved

The Studiomaster Professional DJA Series is a high performance stereo power amplifier with digital colour display. Engineered with high quality components, the amplifier is designed to give clean, dynamic power and smart features with the legendary Studiomaster Professional sound quality and reliability.

DJA 2502





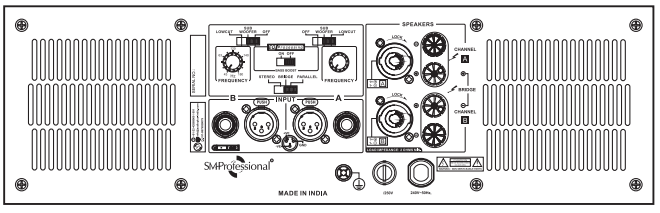
DJA 4002



DJA 6002

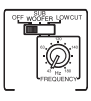


DJA 4002 & 6002 Rear Panel



BUILT-IN CROSSOVER

SUB WOOFER
This is a low-pass filter. The amplifier reproduces frequencies that are lower than the cut-off set by the frequency adjustment knob.



LOW CUT
This is a high-pass filter. You can use this setting to filter out unneeded low or subsonic frequencies.

BASS BOOST SWITCH

When you activate this mode, the amplifier adds low-frequency compensation to enhance the speaker's bass output.

Note: This switch is only effective when the FILTER switch is in the OFF position.

COLOUR LCD DISPLAY



OPERATING MODE

FAN SPEED

SIGNAL, CLIP & DECIBEL LEVEL

VOLTAGE METER

PROTECT MODE

TEMPERATURE

- Rugged and reliable professional stereo power amplifier.
- High-current toroidal transformers with high-endurance cores for superior transient response.
- Ultra-functional EQ Processing, Low Cut, and Subwoofer with crossover selection options.
- Smart LCD screen displays real-time system status, including fan speed, temperature, and protection alerts.
- Intuitive LED indicators in green (signal present), yellow (peak/limit), and red (protection/clipping) for quick monitoring.
- 3 switchable operational modes: stereo, parallel, and bridge.
- Intelligent cooling and heat dissipation using large low-noise variable speed fans.
- Mains voltage operation 240V AC as well as low voltage operation at 150V AC.

Technical Specifications	DJA 2502	DJA 4002 NEW	DJA 6002 NEW
Stereo Mode Power Output			
2 Ω (True RMS), 20Hz-20kHz, 1% THD	2 x 1000 W	2 x 1600 W	2 x 3000 W
4 Ω (True RMS), 20Hz-20kHz, 1% THD	2 x 900 W	2 x 1400 W	2 x 2000 W
8 Ω (True RMS), 20Hz-20kHz, 1% THD	2 x 600 W	2 x 900 W	2 x 1300 W
Bridged Mode Power Output			
4 Ω (True RMS), 20Hz-20kHz, 1% THD	2400 W	3200 W	6000 W
8 Ω (True RMS), 20Hz-20kHz, 1% THD	1800 W	2800 W	4000 W
Damping Factor (8 Ω)	>350:1	>500:1	>500:1
Frequency Response	20Hz-20kHz (-3dB)		
Protection	Temperature, DC, Short Circuit		
Input Connector (Per Channel)	XLR, Jack Stereo 6.3mm		
Output Connector (Per Channel)	Speak-on connector / Binding Posts/ 6.3mm jack		
Dimensions (W x D x H) mm	482 x 456 x 88 (2U)	482 x 495 x 132 (3U)	482 x 530 x 133 (3U)
Net Weight (Kg)	20	29.5	33

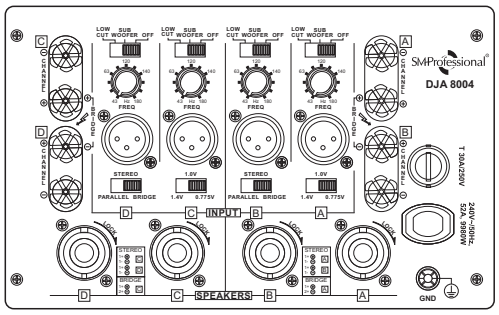
- Audio-grade balanced XLR and ¼" jack input connectors.

DJA 8004 Professional 4 Channel Power Amplifier

BIS Approved

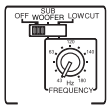
The DJA 8004 is a high performance 4 channel power amplifier. Engineered for reliability, the amplifier delivers ample power on 4 channels to effortlessly drive multiple loudspeaker systems in live, touring, DJ and install applications.





BUILT-IN CROSSOVER

SUB WOOFER
This is a low-pass filter. The amplifier reproduces frequencies that are lower than the cut-off set by the frequency adjustment knob.



LOW CUT
This is a high-pass filter. You can use this setting to filter out unneeded low or subsonic frequencies.

- Rugged and reliable 4 channel power amplifier.
- High-current toroidal transformers with high-endurance cores for superior transient response.
- 3 switchable operational modes: stereo, parallel, and bridge.
- Intelligent cooling using large low-noise variable speed fans.
- LED indicators on the front panel for power, signal, clip and protect modes.
- Mains voltage operation 240V AC as well as low voltage operation at 180V AC.

Technical Specifications	DJA 8004
Stereo Mode Power Output	
4 Ω (True RMS), 20Hz-20kHz, 1% THD	4 x 1400 W
8 Ω (True RMS), 20Hz-20kHz, 1% THD	4 x 1000 W
Bridged Mode Power Output	
4 Ω (True RMS), 20Hz-20kHz, 1% THD	2 x 3000 W
8 Ω (True RMS), 20Hz-20kHz, 1% THD	2 x 2850 W
Damping Factor (8 Ω)	>600:1
Frequency Response	20Hz-20kHz (-3dB)
Protection	Temperature, DC, Short Circuit
Input Connector (Per Channel)	XLR
Output Connector (Per Channel)	Speakon and Binding Post
Dimensions (W x D x H) mm	482 x 530 x 133 (3U)
Net Weight (Kg)	36

X SERIES DJ Mixers

MIX IN STYLE!



X25 3 Channel



X35 4 Channel



X55 5 Channel



RECORD & PLAYBACK on a Pen Drive

Media Player
USB MP3 & BLUETOOTH

RECORDING PLAYBACK BLUETOOTH



RECORD & PLAYBACK on a PC

- **Built-in USB MP3 media player with wireless Bluetooth connectivity.**
- **PC USB audio interface for playback and recording via media player.**

Common Features:

- **3-band kill EQ (-30 dB)** and gain control per channel.
- Headphone cue mix with blend switch.
- ¼" headphone output with level control.
- Ultra smooth and sturdy faders.

Technical Specifications	X25	X35	X55
MIC Input	XLR with 3-band EQ	XLR with 2-band EQ	XLR with 3-band EQ
Line Inputs	2	3	4
Crossfader Selection	Flat / Steep	Reverse / Normal / Flat / Steep	Flat / Steep
XLR Outputs	Yes		
RCA Outputs	Booth	Master, Record & Booth	Master, Record & Booth
Gain (Mic / Line)	40dB / 0dB		
Input Level Sensitivity (Mic / Line)	-40dB / 0dB		
Main Output Levels (Nominal / Max)	0dBu (0.775V) / +18dBu (6.15V RMS)		
Booth Output Levels (Nominal / Max)	0dBu (0.775V) Nominal / +18dBu (6.15V RMS) Max		
Frequency Response	20Hz-22kHz (+/-3dB)		
Total Harmonic Distortion	0.07% @ 1kHz 0.1% @ 1kHz		
Equalisation Line Input (Treble / Mid / Bass)	Line: +10/-12dB @ 10kHz, +12/-24dB @ 1.3kHz, +12/-29dB @ 50Hz Mic: ±12dB @ 10kHz / 2.5kHz / 70Hz		
Signal to Noise Ratio (Mic / Line)	65dB / 82dB		
Dimensions (W x D x H) mm	198 x 104 x 294	242 x 104 x 294	277 x 105 x 300
Net Weight (Kg)	2.3	2.4	3

ADI 16.6 Premium 16 Channel Digital Mixing Console

The Studiomaster Professional ADI 16.6 is a premium 16 Channel Digital Mixing Console. Featuring multiple inputs and outputs, 10" LCD touchscreen display, 9 motorised faders, smart DCAs, abundant DSP EFX processing tools and more, the ADI 16.6 is engineered to deliver a complete integrated solution to empower speed and precision in real-world live mixing use cases.

10" RESPONSIVE LCD TOUCHSCREEN

9 100MM MOTORIZED FADERS



8 USER PROGRAMMABLE KEYS

8 DCA'S (DIGITAL-CONTROLLED AMPLIFIER GROUPS)



16 PREMIUM INPUTS

10 VERSATILE OUTPUTS

EASY USER INTERFACE

STEREO PLAYBACK & RECORDING

RESPONSIVE & INTUITIVE CONTROL

HIGH-RESOLUTION SAMPLING

DUAL MULTI-EFX DSP

PARAMETRIC & GRAPHIC EQUALISER

9 LONG MOTORISED FADERS

SECURE PASSWORD PROTECTION

ETHERNET & LAN CONNECTIVITY

- 16 XLR and 4 Line analog inputs with digital gain control.
- Flexible outputs: 6 x assignable mix bus (XLR), 2 main L/R (XLR) and control room L/R (XLR).
- Premium 9 x 100mm motorised faders for agile control.
- Responsive 10" high-resolution colour LCD touchscreen for end-to-end navigation and control.
- Integrated dual DSP EFX with EQ, noise gate, compressor/limiter, delay and more.
- Digital 4-band full PEQ with multiple filters (inputs & outputs) and 31-band GEQ (outputs).
- High-resolution 24-bit/48kHz sampling rate.
- Bluetooth for wireless audio playback with assignable master and bus routing.
- Full duplex USB audio interface for simultaneous recording and playback from a PC, Smartphone or Tablet.
- Individually assignable +48V Phantom power.
- Ethernet port to connect and empower remote app-based mixing.
- Advanced features including Auto mix, RTA analyzer, feedback control, talkback, matrix routing and much more.
- Multiple colour LED metering and illuminated switches for effortless visual mixing cues.
- User definable presets with multiple storing and recall options.
- Password protection to lock and unlock settings.
- Dante add-on for network AV integration (available separately).

Technical Specifications	ADI 16.6
Gain (Mic / Line / Stereo Mic / Stereo Line)	50dB / 50dB
Max Gain (Mic / Line / Stereo Line)	50dB / 50dB
Input Level Sensitivity	
Mic (Gain Min / Gain Max)	0dBu / -50dBu
Line (Gain Min / Gain Max)	-20dBu / +30dBu
Input Impedance	
Mic Input	6.8K Ω
Line Input	75K Ω
Main Output Level (Nominal / Max)	+20dBu ±0.5dBu
Main Output Impedance	120 Ω
Frequency Response	22Hz-20kHz at 0dBu ±2dBu
Total Harmonic Distortion	<0.03% at 0dBu 1kHz
Signal to Noise Ratio	107dBu
Equalisation	
Mono Mic	±15dBu(±2dBu), 20Hz-20KHz
Signal to Noise Ratio	107dB
Colour Display / Main LCD	10.1-inch (1024px x 600px)
Phantom Supply	+48V
Dimensions (W x D x H) mm	349 x 452 x 147
Net Weight (Kg)	6.7

ADI 24.12 Premium 24 Channel Digital Mixing Console

The Studiomaster Professional ADI 24.12 digital mixer combines the best of what an LCD touchscreen can offer with an intuitive interface for speed and precision in live scenarios. With its powerful DSP engine, easy-to-navigate software application, and uncompromising hands-on control, the ADI 24.12 offers a complete software/hardware integrated solution for real-world LIVE mixing applications!

7"
RESPONSIVE LCD TOUCHSCREEN

8
USER PROGRAMMABLE KEYS



13
100MM MOTORIZED FADERS

12
DCA'S (DIGITAL-CONTROLLED AMPLIFIER GROUPS)

24
PREMIUM INPUTS



12
VERSATILE OUTPUTS

EASY USER INTERFACE

STEREO PLAYBACK & RECORDING

RESPONSIVE & INTUITIVE CONTROL

HIGH-RESOLUTION SAMPLING

DUAL MULTI-EFX DSP

PARAMETRIC & GRAPHIC EQUALISER

13 LONG MOTORISED FADERS

SECURE PASSWORD PROTECTION

ETHERNET & LAN CONNECTIVITY

- 24 XLR and 8 Line analog inputs with digital gain control.
- 12 flexible outputs: 8 x assignable mix bus (XLR & ¼" line), 2 main L/R (XLR) and control room L/R (XLR).
- Premium 13 x 100mm motorised faders for agile control.
- Responsive 7" high-resolution colour LCD touchscreen for end-to-end navigation and control.
- 13 individual OLED displays for channel data.
- Integrated 32-bit dual DSP EFX with EQ, noise gate, compressor/limiter, delay and more.
- Digital 4-band full PEQ with multiple filters (inputs & outputs) and 31-band GEQ (outputs).
- High-resolution 24-bit/48kHz sampling rate.
- Full duplex USB audio interface for simultaneous recording and playback from a PC.
- Individually assignable +48V Phantom power.
- Advanced features including Auto mix, RTA analyzer, feedback control, talkback, signal generator, matrix routing and much more.
- Multiple colour LED metering and self-illuminated switches for effortless visual mixing cues.
- User definable presets with multiple storing and recall options.
- Password protection to lock and unlock settings.
- Dante add-on for network AV integration (available separately).

Technical Specifications	ADI 24.12
Gain (Mic / Line / Stereo Mic / Stereo Line)	50dB / 50dB
Max Gain (Mic / Line / Stereo Line)	50dB / 50dB
Input Level Sensitivity	
Mic (Gain Min / Gain Max)	0dBu / -50dBu
Line (Gain Min / Gain Max)	-20dBu / +30dBu
Input Impedance	
Mic Input	6.8K Ω
Line Input	75K Ω
Main Output Level (Nominal / Max)	+20dBu ±0.5dBu
Main Output Impedance	120 Ω
Frequency Response	22Hz-20kHz at 0dBu ±2dBu
Total Harmonic Distortion	<0.03% at 0dBu 1kHz
Signal to Noise Ratio	-90dBu
Equalisation	
Mono Mic	±15dBu(±2dBu), 20Hz-20KHz
Stereo Line	±15dBu(±2dBu), 20Hz-20KHz
EFX	32-bit / 24.bit
Phantom Supply	+48V
Dimensions (W x D x H) mm	532.2 x 537.5 x 220
Net Weight (Kg)	13.25

Orb Series Premium Mixing Consoles

The Studiomaster Professional Orb series is our range of premium mixing consoles integrating state-of-the-art One Knob compression, DSP-based dual multi-EFX processor, built-in USB MP3 media player and recorder, USB audio interface and a host of inputs, outputs and routing options.

Large Format Mixing Console



Orb 2442: 24 mic / 28 line input



Orb 1822: 18 mic / 20 line input

Mid Format Mixing Console



Orb 1222: 12 mic / 14 line input



Orb 1202SC: 12 mic / 14 line input

Compact Mixing Console



Orb 822SC:
8 mic / 10 line input



Orb 622SC:
6 mic / 8 line input



Orb 402SC:
2 mic / line and 1 stereo

Orb Series Premium Mixing Consoles

ONE KNOB COMPRESSOR

Benefits
- **Higher effective gain**
- **Reduced equipment damage**
- **Even signal level**
- **Makes loud signals softer and soft signals louder**

Orb 622 SC Ch. 1-2	**Orb 822 SC** Ch. 1-2
Orb 1822 Ch. 1-8	**Orb 1202 SC** Ch. 1-5
Orb 1222 Ch. 1-5	**Orb 2442** Ch. 1-10

RICH MULTI-EFX PROCESSOR



Multi-EFX DSP



High Res. Sampling Rate



24 DSP Presets


EFX to MON Routing

USB MP3 MEDIA PLAYER & RECORDER



RECORD & PLAYBACK on a PEN DRIVE

USB ENABLED | mp3 | REC | BLUETOOTH

BUILT-IN USB AUDIO INTERFACE



RECORD & PLAYBACK on a PC

STEREO PLAYBACK & RECORDING | PLUG &PLAY FULLY CLASS COMPLIANT

PROFESSIONAL-GRADE FEATURES

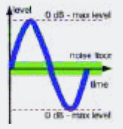


PHANTOM POWER


SPLIT CONFIGURATION CH. 1-6 & CH.7-12



HIGH DEFINITION PREAMPS


ULTRA LOW-NOISE PREAMPS WITH WIDE HEADROOM & DYNAMIC RANGE


60MM FADERS


FOR ACCURATE MIXING



STYLISH, INTUITIVE & ERGONOMIC

- **Angled for visibility**
- **Classy side cheeks**
- **Rear panel input/output**



ABUNDANT INPUT & OUTPUT CONNECTIVITY



Common Features - Orb 822 SC, Orb 1222, Orb 1202 SC, Orb 1822 & Orb 2442

- MON:Ster (mono-stereo) inputs for full flexibility.
- Balanced XLR and ¼" jack main outputs.
- Sub groups with individual ¼" outputs.
- Stereo RCA input and record output.
- ¼" headphone output with level control.
- Mute, solo, group and main (L-R) routing per channel.
- Peak, comp, mute and solo LEDs per channel.
- Dual 10-segment LED meters for main, group and solo outputs.

Technical Specifications	Orb 402 SC	Orb 622 SC	Orb 822 SC	Orb 1202 SC	Orb 1222	Orb 1822	Orb 2442
Inputs	2 mic/line & 1stereo	6 mic / 8 line	8 mic / 10 line	12 mic / 14 line	12 mic / 14 line	18 mic / 20 line	24 mic / 28 line
Aux	2 (1 pre & 1 post)	2 (1 pre/post & 1 post)	3 (2 pre/post & 1 post)	4 (3 pre/post & 1 post)	5 (3 pre/post & 2 post)	5 (3 pre/post & 2 post)	6 (4 pre/post & 2 post)
Multi-EFX	Single	Single	Single	Dual	Dual	Dual	Dual
Channel EQ	3-band	3-band	4-band	4-band	4-band	4-band	4-band
Subgroups	N/A	2	2	2	2	2	4
USB Audio Interface	Dual	Dual	Dual	Single	Single	Single	Single
7-band Stereo GEQ	N/A	Single Band	Single Band	Single Band	Dual Band	Dual Band	Dual Band
Inserts (Channel / Master)	2 / No	2 / Yes	3 / Yes	4 / Yes	4 / Yes	4 / Yes	6 / Yes
Dimensions (W x D x H) mm	274 x 285 x 90	370 x 355 x 160	500 x 490 x 160	615 x 490 x 160	630 x 490 x 160	820 x 490 x 160	1070 x 490 x 160
Net Weight (Kg)	1.9	4	10	8	10	13	14

AiR® Series / AiR® U Series Professional Mixing Consoles

The AiR® series is our range of compact mixing consoles for budget-conscious users who refuse to sacrifice sound quality, value, and reliability.

Mini Mixers



AiR® 2:
2 mic/line + 2 stereo inputs



AiR® 4:
4 mic/line + 2 stereo inputs



AiR® 2U:
2 mic/line + 2 stereo inputs + media player



AiR 4U:
4 mic/line + 2 stereo inputs + media player

- **Delay EFX onboard with send per channel.**
- 3-band EQ on mono inputs and 2-band EQ on stereo inputs.
- Stereo RCA playback in and record out.
- L/R pan control and peak LED per channel.
- Headphones output with level control.
- L/R pan control and peak LED per channel.
- Dual 10-segment L/R LED meter for master level.
- Balanced ¼" jack master outputs.

Mid-Format Professional Mixers



AiR® 6R: 6 mic/line + 1 CD Input + 1 Media Player + Recorder



AiR® 6: 6 mic/line inputs



AiR® 8: 8 mic/line inputs

- **Delay EFX onboard with send per channel.**
- 1 Aux send.
- 3-band EQ per channel.
- PFL (Cue) switch with individual channel control.
- L/R pan pot and clip LED per channel.
- Stereo RCA input with control.
- Headphone output with level control.
- Balanced XLR and ¼" jack master output.
- **60mm long faders.**

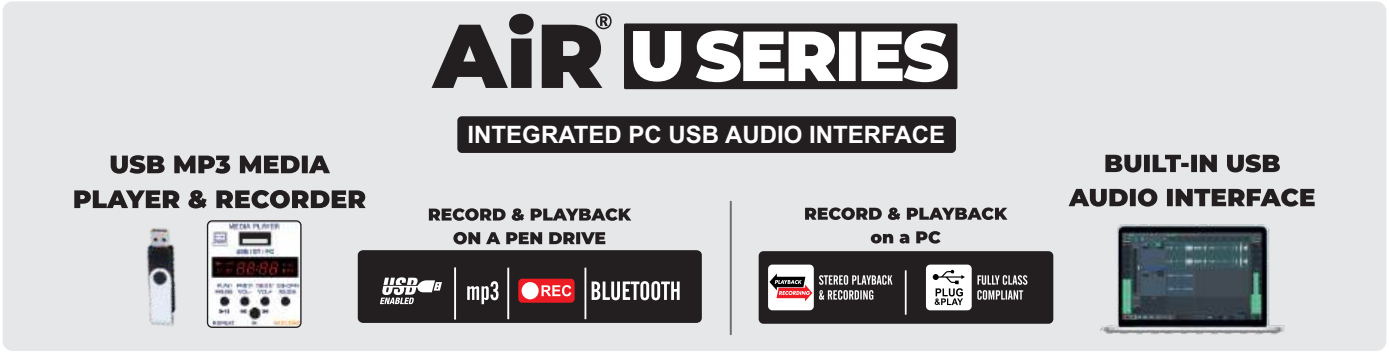


AiR® 12: 12 mic/line inputs



AiR® 16: 16 mic/line inputs

AiR® Series / AiR® U Series Professional Mixing Consoles



Mid-Format Mixers with Media Player



AiR® 6U:
6 mic/line + media player

AiR® 8U:
8 mic/line + media player

AiR® 12U:
12 mic/line + media player

AiR® 16U:
16 mic/line + media player

- High-quality USB MP3 player and Bluetooth on board with IR remote control.
- LED display to show track information with transport controls.
- PC USB audio interface for playback and recording via media player (on select models).

* **Standard features same as the AiR® Series.**



AiR® 18U: 18 mic/line + media player

Technical Specifications	AiR® Series
Gain (Mic / Line)	60dB / 40dB
Input Levels Sensitivity	
Mic (Gain Min / Gain Max)	-5dBu / -60dBu
Line (Gain Min / Gain Max)	+6dBu / -40dBu
Main Output Level (Nominal / Max)	+0dBu (0.775V RMS) / +20dBu (7.75V RMS)
Frequency Response	20Hz-20kHz (+0/-3dB)
Total Harmonic Distortion	< 0.03%
Signal to Noise Ratio	-85dB
Clip Indication	4dB prior to true clip
Equalisation (Treble / Mid / Bass)	±15dB @ 12kHz / 2.5kHz / 80Hz
EFX	Delay with repeat

Models	Dimensions (W x D x H) mm	Net Weight (Kg)
AiR® 2	190 x 245 x 67	1.86
AiR® 2U	190 x 245 x 67	1.90
AiR® 4	242 x 245 x 70	2.20
AiR® 4U	245 x 245 x 70	2.24
AiR® 6	245 x 334 x 107	3.4
AiR 6U	252 x 334 x 107	3.6
AiR® 6R	252 x 334 x 107	3.6
AiR® 8	300 x 334 x 107	3.9
AiR® 8U	307 x 334 x 107	4.1
AiR® 12	408 x 334 x 107	4.9
AiR® 12U	414 x 334 x 107	5.1
AiR® 16	516 x 334 x 107	5.6
AiR® 16U	522 x 334 x 107	5.8
AiR® 18U	576 x 334 x 107	6.2

Mini Series Ultra Compact Mixing Consoles

The Mini series is our range of ultra-compact and portable audio mixers for budget-conscious users who are looking for an easy-to-use interface, value, and reliability. Jam-packed with features, the mixers are ideal for a host of fixed and mobile applications.

Small Size, Big Performance!



MINI U SERIES

INTEGRATED PC USB AUDIO INTERFACE

USB MP3 MEDIA PLAYER & RECORDER



RECORD & PLAYBACK ON A PEN DRIVE

USB ENABLED | mp3 | REC | BLUETOOTH

RECORD & PLAYBACK on a PC

STEREO PLAYBACK & RECORDING | PLUG &PLAY FULLY CLASS COMPLIANT

BUILT-IN USB AUDIO INTERFACE



- Gain control with 2-band (Mini 6, 6U, 8 & 8U)
- Built-in echo/delay processor with unique E-delay.
- Clip LED indication per channel.
- Signal & clip LED indication for master level.
- ¼" TS unbalanced L/R main output.

Technical Specifications	Mini 6	Mini 6U	Mini 8	Mini 8U
Number Of Inputs	4 mic/line + 1 stereo input	4 mic/line + 1 stereo input + USB + Bluetooth	6 mic/line + 1 stereo input	6 mic/line + 1 stereo input + USB + Bluetooth
Maximum Gain				
Mic Input	48dB			
Line Input	48dB			
Stereo Input	30dB			
Frequency Response	25Hz-19kHz (+0/-1dB)			
Signal to Noise Ratio	-64dB			
Clip Indication	-4dB prior to true clip			
Equalisation (Treble / Mid / Bass)	±15dB @ 10kHz / 100Hz			
Dimensions (W x D x H) mm	264 x 180 x 57		320 X 180 X 57	
Net Weight (Kg)	1.7		1.94	

Mini Pro Series Compact Mixing Consoles

The Mini Pro series is our range of ultra-compact and portable audio mixers with professional features for budget-conscious users who are looking for an easy-to-use interface, value, and reliability. Jam-packed with features, the mixers are ideal for a host of fixed and mobile applications.







- High quality XLR inputs.
- Gain control with 3-band EQ per channel.
- Built-in echo/delay processor with unique E-delay.
- Aux send with ¼" unbalanced output.
- Signal & Peak LED indication for master level.
- Balanced XLR & ¼" Balanced L/R main output.
- Multifunctional ¼" unbalanced mono output.
- **USB MP3 media player and recorder with Bluetooth. (Available On Mini Pro 12U Only)**
- **USB audio interface for recording and playback using a PC. (Available On Mini Pro 12U Only)**
- Responsive 45mm faders.

Technical Specifications	Mini Pro 12	Mini Pro 12U
Number Of Inputs	10 Mic /Line + 1 Stereo	10 Mic /Line + 1 Stereo + 1 Media Player & Recorder
Maximum Gain		
Mic Input	48dB	
Line Input	48dB	
Stereo Input	30dB	
Frequency Response	25Hz-19kHz (+0/-1dB)	
Signal to Noise Ratio	-64dB	
Clip Indication	-4dB prior to true clip	
Equalisation	±15dB @ 10kHz	
Dimensions (W x D x H) mm	426 x 180 x 57	
Net Weight (Kg)	2.5	

Club 2000 Series Compact Mixing Consoles

The Club 2000 series is our range of compact mixing consoles with a host of essential features suitable for a wide range of touring and install applications.



Club 2000 182: 14 mic/line + 2 stereo inputs

- 2 Aux send and 1 stereo return with rotary controls per channel.
- Ultra low-noise preamps with superior gain structure.
- State-of-the-art high impedance inputs.
- Globally switched +48V phantom power supply.
- 3-band EQ with mid-sweep on mono inputs and 2-band EQ on stereo inputs.
- ¼" PFL headphone output with level control.
- Stereo RCA playback input / Rec out.
- 12-segment L/R LED meter for master level.
- Balanced ¼" TRS jack L/R master output.
- Insert (Send/Return) on master output.

Technical Specifications	Club 2000 182
Equalisation	
Mono Mic (Treble / Mid with Sweep / Bass)	±15dB @ 12kHz / 350Hz-6kHz / 60Hz
Stereo Mic/Line (Treble / Bass)	±15dB @ 12kHz / 45Hz
Phantom Supply	+48V
Dimensions (W x D x H) mm	605 x 322 x 87
Net Weight (Kg)	6.8

EOS 16.6 Premium Large Formate 16 Channel Mixer

NEW

The EOS 16.6, a large-format 16 channel live mixing console ideal for live, front-of-house, touring, and complex installation applications in large venues.

EOS 16.6: 16 mic / 20 line inputs

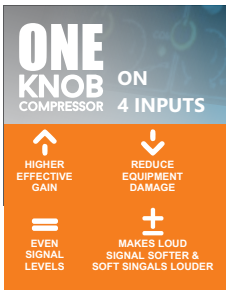
16 MIC INPUTS

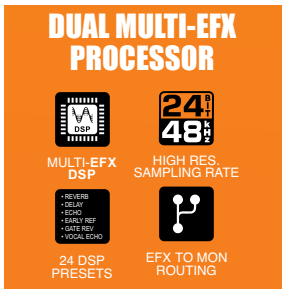


4 SUB GROUPS

6 AUX SENDS

7 BAND GEQ







- MON:Ster (Mono-Stereo) Inputs for Full Flexibility
- Ultra Low-Noise Preamps With Wide Headroom and Dynamic Range.
- 75Hz low cut on mono channels. ■ 4-Band EQ on all Inputs.
- 4 Sub Groups with Individual ¼" Outputs.
- Insert (Send/Return) On the First 8 Mono Channels and Main Output.
- Split Global Switched +48V Phantom Power Supply (6 Groups of 4 Channels Each).
- Responsive large 100mm faders for easy mixing.
- One Knob Compressor on Channels 1-4.
- Dual Multi-EFX Processor with 24 DSP Presets And Editable Parameters.
- Provisions to Route EFX to Monitor via 4 Aux Buses.
- **USB Audio Interface with Plug & Play Connectivity for RECORDING and Playback using a PC.**
- **USB Type C Mobile Media Player and Audio Interface**
- **USB MP3 Media Player & RECORDER with Bluetooth.**
- **Additional USB Type C OTG Output for Recording.**
- Level Control, 2-band EQ with Internal/External Media Input Selection.
- Stereo AUX Returns.
- Balanced XLR and ¼" Jack Main Outputs.
- Mute, Solo, Group and Main (L-R) routing per Channel.
- Illuminated Mute & PFL (Solo) Switches
- Additional Talkback Microphone Input.
- Stereo RCA Input and Record Output.
- Headphone Output with Level Control.

Technical Specifications	EOS 16.6
Gain (Mic / Line / Stereo Line)	60dB / 40dB / 20dB
Max Gain (Mic / Line / Stereo Line)	80dB / 60dB / 40dB
Input Level Sensitivity	
Mic (Gain Min / Gain Max)	-10dBu / -60dBu
Line (Gain Min / Gain Max)	+10dBu / -40dBu
Input Impedance	
Mic Input	5K Ω
Line Input	20KΩ Balanced / 10KΩ Unbalanced
Main Output Level (Nominal / Max)	0dBu (0.775V RMS) / +20dBu (7.75V RMS)
Main Output Impedance	120 Ω
Frequency Response	20Hz-20kHz at 0dBu ±2dBu
Total Harmonic Distortion	<0.02% at 0dBu 1kHz
Signal to Noise Ratio	-80dBu
Equalisation	
Mono Mic	±15dB @ 12kHz / 2.5kHz / 400Hz / 80Hz
Stereo Line	±15dB @ 12kHz / 2.5kHz / 400Hz / 80Hz
Phantom Supply	+48V
Dimensions (W x D x H) mm	710 x 540 x 170
Net Weight (Kg)	12.7

- Dual Assignable 10-Segment LED Meters.
- Clutter-free Rear Panel Input and Output Connectivity.
- Ergonomically Angled Design for Better Visibility.

EOS 24.6 Premium Large Formate 24 Channel Mixer

The EOS 24.6, a large-format 24 channel live mixing console ideal for live, front-of-house, touring, and complex installation applications in large venues.

EOS 24.6: 24 mic / 28 line inputs

24 MIC INPUTS

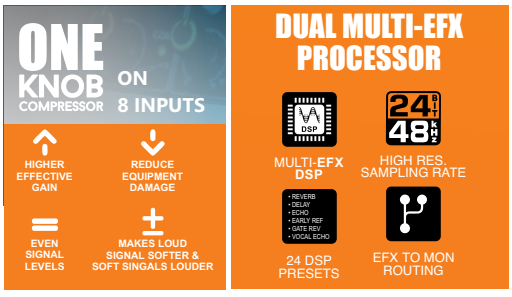


4 SUB GROUPS

6 AUX SENDS



7 BAND GEQ





- MON:Ster (Mono-Stereo) Inputs for Full Flexibility
- Ultra Low-Noise Preamps With Wide Headroom and Dynamic Range.
- 75Hz low cut on mono channels. ■ 4-Band EQ on all Inputs.
- 4 Sub Groups with Individual ¼" Outputs.
- Insert (Send/Return) On the First 8 Mono Channels and Main Output.
- Split Global Switched +48V Phantom Power Supply (6 Groups of 4 Channels Each).
- Responsive large 100mm faders for easy mixing.
- One Knob Compressor on Channels 1-8.
- Dual Multi-EFX Processor with 24 DSP Presets And Editable Parameters.
- Provisions to Route EFX to Monitor via 4 Aux Buses.
- **USB Audio Interface with Plug & Play Connectivity for RECORDING and Playback using a PC.**
- **USB Type C Mobile Media Player and Audio Interface**
- **USB MP3 Media Player & RECORDER with Bluetooth.**
- Level Control, 2-band EQ with Internal/External Media Input Selection.
- Stereo AUX Returns.
- Balanced XLR and ¼" Jack Main Outputs.
- Mute, Solo, Group and Main (L-R) routing per Channel.
- Illuminated Mute & PFL (Solo) Switches
- Additional Talkback Microphone Input.
- Stereo RCA Input and Record Output.
- Headphone Output with Level Control.
- Dual Assignable 10-Segment LED Meters.

Technical Specifications	EOS 24.6
Gain (Mic / Line / Stereo Line)	60dB / 40dB / 20dB
Max Gain (Mic / Line / Stereo Line)	80dB / 60dB / 40dB
Input Level Sensitivity	
Mic (Gain Min / Gain Max)	-10dBu / -60dBu
Line (Gain Min / Gain Max)	+10dBu / -40dBu
Input Impedance	
Mic Input	5K Ω
Line Input	20KΩ Balanced / 10KΩ Unbalanced
Main Output Level (Nominal / Max)	0dBu (0.775V RMS) / +20dBu (7.75V RMS)
Main Output Impedance	120 Ω
Frequency Response	20Hz-20kHz at 0dBu ±2dBu
Total Harmonic Distortion	<0.02% at 0dBu 1kHz
Signal to Noise Ratio	-80dBu
Equalisation	
Mono Mic	±15dB @ 12kHz / 2.5kHz / 400Hz / 80Hz
Stereo Line	±15dB @ 12kHz / 2.5kHz / 400Hz / 80Hz
Phantom Supply	+48V
Dimensions (W x D x H) mm	940 x 540 x 170
Net Weight (Kg)	14

- Clutter-free Rear Panel Input and Output Connectivity.
- Ergonomically Angled Design for Better Visibility.

Diamond Club Series Professional Mixing Consoles

The Diamond Club series is our widest range of mixing consoles designed to deliver superior sound quality, value, and reliability. Built to match international standards, they are among the best selling and the most trusted mixing consoles across India.



DC 12.2: 12 mic/line inputs



DC 16.2: 16 mic/line inputs

- 2 Aux Sends/Returns.
- 1 pre and 1 post aux sends rotary control per channel.
- Balanced mic/line inputs.
- Gain control with 3-band EQ per channel.
- L/R pan pot, illuminated mute switch and clip LED per channel.
- Stereo RCA playback in and record out with ¼" headphone out.
- Audio-grade balanced ¼ TRS L/R main output.
- 12-segment L/R LED meter for master level.
- Blue power on LED.
- Elegant shape, curved front with a stylish Grey panel.

Diamond Club EFX Series



DC 12.2 EFX: 12 mic/line inputs + EFX



DC 16.2 EFX: 16 mic/line inputs + EFX

Additional Features (For EFX):

- **Built-in Delay EFX with 3 delay modes, feedback, and delay control.**
- Delay time ranging from 30 msec to 640 msec and unique E-delay.

Technical Specifications	Diamond Club Series
Nominal Gain (Mic / Line)	60dB / 40dB
Max Gain (Mic / Line)	76dB / 56dB
Input Levels Sensitivity	
Mic (Gain Min / Gain Max)	-12dBu / -60dBu
Line (Gain Min / Gain Max)	+8dBu / -40dBu
Input Impedance	
Mic Input	Typically 5KΩ balanced
Line Input	20KΩ (Balanced) / 10KΩ (Unbalanced)
Main Output Level (Nominal / Max)	0dBu (0.775V) / +17dBu (5.5V RMS)
Main Output Impedance	<50Ω
Frequency Response	25Hz-19kHz (+0/-1dB)
Total Harmonic Distortion	Better than 0.8%
Signal to Noise Ratio	-76dB
Clip indication	4dB prior to true clip
Equalisation (Treble / Mid / Bass)	±16dB @ 10kHz / 2.5kHz / 100Hz

Models	EFX and USB	Dimensions (W x D x H) mm	Net Weight (Kg)
DC 12.2	-	515 x 376 x 89	8
DC 12.2EFX	EFX (Delay)	555 x 376 x 89	8.5
DC 16.2	-	635 x 376 x 89	10
DC 16.2EFX	EFX (Delay)	675 x 376 x 89	10

S Series Premium Passive Loudspekers

The S Series is our flagship range of highly advanced loudspeakers designed to deliver a truly superior sonic experience in a wide variety of touring and installation applications.

Studiomaster Professional Trust with the RCF Punch!

S5425



Powered by RCF Transducers

S8118



S8028



- **Professional loudspeakers featuring high-quality RCF™ transducers specially-designed for high-end touring and installations.**
- Exceptional sound quality with a wide frequency bandwidth and dynamic range.
- Professional-quality dual Speakon connectors for input connectivity and linking additional loudspeakers.
- High-endurance and durable cabinet design with a rugged paint finish built for the road.
- Ergonomically-shaped handles for easy transportation.
- Heavy-gauge perforated metal grille for optimal speaker protection.

Technical Specifications	S5425	S8118	S8028
Type	2-way Speaker	Subwoofer	Dual 18" Subwoofer
Power Output - RMS / Peak (Watts)	1100 / 2200	1500 / 3000	3000 / 6000
Frequency Response	40-20000	30Hz-200Hz	30Hz-200Hz
Impedance (Ω)	4	8	4
Sensitivity (1w @1m) dB	97	98	99
Max SPL (dB)	131	134	134
LF Driver Size	2 x 15" Woofer with 3" Voice coil	18" LF, 4" in/out VC	2 x 18" LF, 4" in/out VC
HF Driver Size	1" Throat, 2" Voice coil	-	-
Input Connector	2 x Speakon	2 x Speakon	2 x Speakon
Dimension (W x D x H) mm	450 x 1160 x 530	520 x 700 x 700	1070 x 700 x 600
Net Weight (Kg)	55	48	64

S9021 Single 12" 500W Line Array System

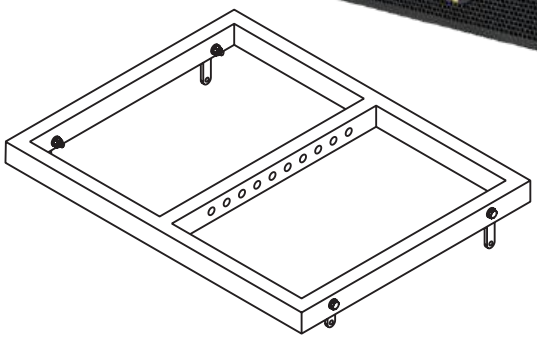
The Studiomaster Professional the S9021 is geared to deliver high-fidelity sonic reproduction and uniform acoustic coverage in live, touring, DJ, and install applications.



Rear Panel







- Single 12" RCF LF mid-bass driver with 3" voice coil for detailed mid clarity.
- 1" exit HF compression driver with 1.75" voice coil for clear high frequency response.
- Constant curvature waveguide for unprecedented array coherence and dispersion.
- State-of-the-art crossover design for enhanced frequency response.
- Exceptional sound quality, powerful response and long throw.
- Coverage Pattern: 120° (Horizontal) x 9° (Vertical) for uniform acoustic coverage.
- Variable splay angles (0°, 3°, 6°, and 9°) for versatile array configurations.
- Integrated locking system quick, safe and secure installation.
- Acoustically-tuned and durable wooden cabinet enclosure.
- Attractive speaker grille and anti-scratch textured paint finish for stunning visual aesthetics.
- Dual pole mounts for multiple throw options; straight and angled (up-firing).
- Robust fly bar kit for quick rigging & flying (available separately).

System Consists of:

- S9021 Line array module
- Fly bar

Technical Specifications	S9021
Type	2-Way
Power Output - RMS / Peak (Watts)	500 /1000
Frequency Response	50Hz-20kHz
System Maximum SPL (dB)	127
Sensitivity (1w @ 1m) dB	98
LF Driver Size	1 x 12" Woofer with 3" V C
HF Driver Size	1 x 1" with 1.75" V C
Nominal Impedance (Ω)	8
Horizontal Coverage Angle	120°
Vertical Coverage Angle	9°
Crossover Frequency	2000Hz
Input Connectors	2 x Speakon
Variable Splay Angles	0°, 3°, 6°, and 9°
Dimensions (W x D x H) mm	675 x 450 x 350
Net Weight S9021 (Kg)	30
Net Weight S9021 Fly Bar (Kg)	17

Fire Series High-Performance Passive Loudspeakers

The Fire series is our most comprehensive range of high-performance loudspeakers that combine a state-of-the-art design and years of technical expertise to deliver a blazing sonic performance in live, touring, DJ, and installation applications.



Features:

- Professional loudspeakers systems for a variety of high-quality outdoor and indoor sound reinforcement systems.
- Exceptional sound quality with a wide frequency bandwidth and dynamic range.
- **Fire 55, 57 and 59 feature unique back firing ports to enhance the bass response.**
- Active mosfet HF Driver protection in the Fire 51, 55, and 57.
- High-endurance and durable cabinet design with a scratch-resistant paint finish built for the road.
- Ergonomically-shaped handles for easy transportation.
- Heavy-gauge perforated metal grille for optimal speaker protection.

Technical Specifications	Fire 21	Fire 41	Fire 45	Fire 51	Fire 55	Fire 57	Fire 59
Type	2-Way Monitor Speaker	2-Way Speaker	2-Way Speaker	2-Way Speaker	2-Way Speaker		
Power Output RMS / Peak (Watts)	350 / 700	500 / 1000	900 / 1800	500 / 1000	1000 / 2000	1300 / 2600	1700 / 3400
Frequency Response	65Hz-18kHz	40Hz-20kHz	45Hz-20kHz	40Hz-20kHz	30Hz-20kHz	40Hz-18kHz	40Hz-20kHz
Impedance (Ω)	8	8	4	8	4	4	4
Sensitivity (1w @1m) dB	98	97	97	98	97	96	101
Max SPL (dB)	129	130	131	131	132	133	134
LF Driver Size	12" LF, 4" VC	15" LF, 3" VC	2 x 15" LF, 3" VC	15" LF, 4" VC	2 x 15" LF, 4" VC		
HF Driver Size	1" exit, 1.75" VC	1" exit, 1.75" VC	1" exit, 2.84" VC	1" exit, 1.75" VC	2" exit, 3" VC		
Input Connector	2 x Speakon	2 x Speakon	2 x Speakon	2 x Speakon	2 x Speakon		
Dimension (W x D x H) mm	379 x 376 x 631	450 x 408 x 690	450 x 530 x 1160	450 x 408 x 690	450 x 530 x 1160		
Net Weight (Kg)	23	28	45.6	32	57	64	62

Fire Series High-Performance Passive Loudspeakers

SCOOP DESIGN









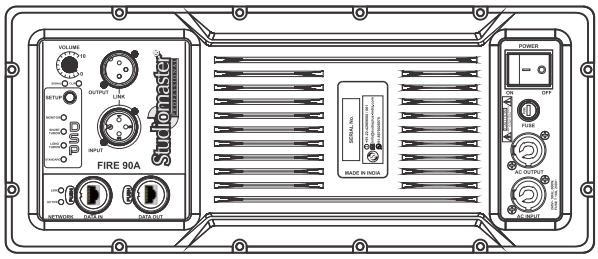
Technical Specifications	Fire 80	Fire 84	Fire 86	Fire 88	Fire 85	Fire 87
Type	Subwoofer	Dual Subwoofer	Dual Subwoofer	Dual Subwoofer	**Scoop Subwoofer**	**Scoop Subwoofer**
Power Output RMS / Peak (Watts)	1400 / 2800	2000 / 4000	2800 / 5600	4000 / 8000	1400 / 2800	2000 / 4000
Frequency Response	40Hz-500Hz	30Hz-200Hz	40Hz-500Hz	40Hz-500Hz	40Hz-500Hz	40Hz-120Hz
Impedance (Ω)	8	4	4	4	8	8
Sensitivity (1w @1m) dB	97	99	97	96	97	96
Max SPL (dB)	129	134	137	140	128	130
LF Driver Size	1 x 18" LF, 5" in/out VC	2 x 18" LF, 4" in/out VC	2 x 18" LF, 5" in/out VC	2 x 18" woofer with 6" in/out voice coil	1 x 18" LF, 5" in/out VC	1 x 18" LF, 6" in/out VC
Input Connector	2 x Speakon					
Dimension (W x D x H) mm	520 x 520 x 700	960 x 600 x 540	1060 x 700 x 580	1220 x 910 x 580	610 x 605 x 820	610 x 735 x 880
Net Weight (Kg)	54	59	74	120	58	71

Fire 90A Single 12" Active Line Array System

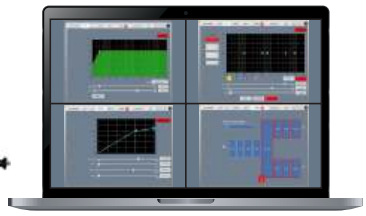
The Studiomaster Professional Fire 90A, a high performance 600W (RMS) / 1200W (Peak) 2-way bi-amplified active line array system. Integrating 12" LF driver, class D amplification, easy DSP presets, app control and more, the system is geared to deliver high SPL and a focused dispersion area.



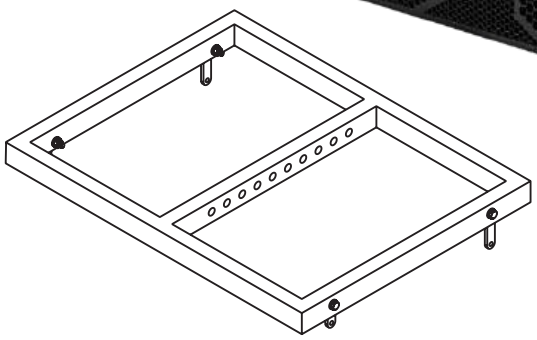
Rear Panel



Advanced Speaker Management PC App







- High performance 2-way bi-amplified active line array system.
- Driven by an efficient class D amplifier.
- Integrates powerful LF & HF drivers to deliver high SPL and a wide dispersion area.
- Easy DSP sound presets: Standard / Long Throw / Short Throw / Monitor.
- CAT5e network connectivity for advanced PC-based DSP editing and speaker management.
- Built-in soft clip limiter for speaker protection.
- Constant curvature waveguide for unprecedented array coherence and dispersion.
- Integrated locking system quick, safe and secure installation.
- XLR input connector and link out for linking additional speakers.
- Powercon connectors for AC input and link out power supply.
- Acoustically-tuned and durable wooden cabinet enclosure.
- Attractive speaker grille and anti-scratch textured paint finish for stunning visual aesthetics.
- Dual pole mounts for multiple throw options; straight and angled (up-firing).
- Robust fly bar kit for quick rigging and flying (available separately).

System Consists of:

- Fire 90A Line array module
- Fly bar

Technical Specifications	Fire 90A
Type	2-Way Active
Power Output - RMS / Peak (Watts)	600 / 1200
Frequency Response	40Hz-20kHz
System Maximum SPL (dB)	128
Sensitivity (1w @ 1m) dB	98dB LF / 100dB HF
LF Driver Size	1 x 12" Woofer
HF Driver Size	1 x 2" Driver
Nominal Impedance (Ω)	8
Horizontal Coverage Angle	120°
Vertical Coverage Angle	9°
Crossover Frequency	2000Hz
Input Connectors	Balance XLR
Variable Splay Angles	0°, 3°, 6°, and 9°
Dimensions (W x D x H) mm	665 x 452 x 340
Net Weight S9021 (Kg)	36
Net Weight S9021 Fly Bar (Kg)	17

Fire 90 High-Performance 12" Passive Line Array System

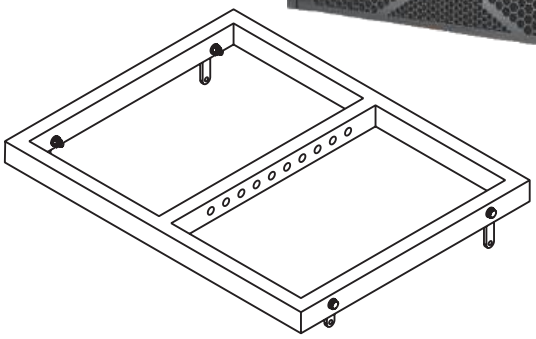
The Studiomaster Professional Fire 90 is a high-performance single 12” 1200W (Peak) / 600W (RMS) passive line array system. Integrating custom-engineered transducers, carefully-selected components and leveraging Studiomaster Professional’s years of technical acumen, the Fire 90 is geared to deliver high-fidelity sonic reproduction and uniform acoustic coverage in live, touring, DJ, and install applications.



Rear Panel







- Single 12" LF mid-bass driver with 4" voice coil for detailed mid clarity.
- 2" exit HF compression driver with 3" voice coil for clear high frequency response.
- Constant curvature waveguide for unprecedented array coherence and dispersion.
- State-of-the-art crossover design for enhanced frequency response.
- Exceptional sound quality, powerful response and long throw.
- Coverage Pattern: 120° (Horizontal) x 9° (Vertical) for uniform acoustic coverage.
- Variable splay angles (0°, 3°, 6°, and 9°) for versatile array configurations .
- Integrated locking system quick, safe and secure installation.
- Acoustically-tuned and durable wooden cabinet enclosure.
- Attractive speaker grille and anti-scratch textured paint finish for stunning visual aesthetics.
- Dual pole mounts for multiple throw options; straight and angled (up-firing).
- Robust fly bar kit for quick rigging and flying (available separately).

System Consists of:

- Fire 90 Line array module
- Fly bar

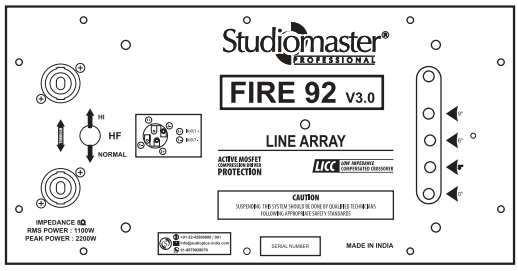
Technical Specifications	Fire 90
Type	Line Array
Power Output - RMS / Peak (Watts)	600 /1200
Frequency Response	40Hz-20kHz
System Maximum SPL (dB)	128
Sensitivity (1w @ 1m)	98dB LF / 100dB HF
LF Driver Size	1 x 12” LF, 4" in/outVC
HF Driver Size	1 x 2” exit, 3" VC
Nominal Impedance (Ω)	8
Horizontal Coverage Angle	120°
Vertical Coverage Angle	9°
Crossover Frequency	2000Hz
Input Connectors	2 x Speakon
Variable Splay Angles	0°, 3°, 6°, and 9°
Dimensions (W x D x H) mm	675 x 450 x 350
Net Weight Fire 90 (Kg)	36
Net Weight Fire 90 Fly Bar (Kg)	17

Fire 92 V3.0 High-Performance Passive Line Array System

Part of our Fire series, the Fire 92 V3.0 is a high-performance dual 12" Line Array loudspeaker system optimized to deliver high-fidelity and wide coverage in live, touring, DJ, and installation applications.

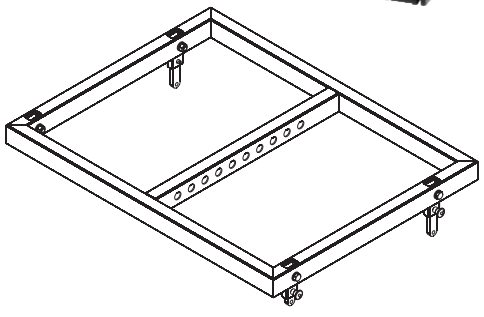


Rear Panel



Now With Lighter Neodymium Drivers





- High performance dual 12" LF and 1" HF transducers.
- **High Frequency attenuation for selection of throw.**
- Constant Curvature waveguide for unprecedented array coherence.
- Coverage Pattern: 120° x 9° nominal (horizontal x vertical), single unit.
- State-of-the-art crossover design for the highest audio efficiency, fidelity, and enhanced frequency response.
- Exceptional sound quality, powerful response, and a long throw.
- Professional-quality dual Speakon connectors for input connectivity and linking additional loudspeakers.
- High-endurance and durable cabinet design with a scratch-resistant paint finish built for the road.
- Ergonomically-shaped handles for easy transportation.
- Heavy-gauge perforated metal grille for optimal speaker protection.
- Fast, integral rigging system with variable splay angles.

System Consists of:

- Fire 92 V3.0 Line array module
- Fly bar

Technical Specifications	Fire 92 V3.0
Type	2 Way Line Array
Power Output - RMS / Peak (Watts)	1100 / 2200
Frequency Response	60Hz-20kHz
System Maximum SPL (dB)	135
Sensitivity (1w @ 1m) (dB)	98.5
LF Driver Size	2 x 12" Neodymium Woofer
HF Driver Size	2 x 1" exit
Nominal Impedance (Ω)	4
Horizontal Coverage Angle	120°
Vertical Coverage Angle	9°
Crossover Frequency	2000Hz
Input Connectors	2 x Speakon
Variable Splay Angles	0°, 3°, 6°, and 9°
Dimensions (W x D x H) mm	960 x 560 x 386
Net Weight Fire 92 (Kg)	47
Net Weight Fire 92 Fly Bar (Kg)	17

Clio K Series Passive Loudspeakers

The Studiomaster Professional Clio K Series a high performance 2-way passive loudspeaker system. Housed in a durable plastic moulded cabinet with high-quality transducers, the speaker delivers high SPL and a wide dispersion area in a wide variety of outdoor and indoor DJ, live, touring and installed sound reinforcement applications.

Heavy-Duty Plastic Moulded Cabinet



Rugged Plastic Moulded Cabinet

Speakon Input & Output

Lightweight Design

Three Strong Carry Handles

Pole/Wall Mounting

Suspended Mounting

- High-performance 2-way passive loudspeaker systems.
- Durable plastic moulded enclosure with a wood grain finish.
- High-quality transducers to deliver high SPL and a wide dispersion area.
- Professional Speakon connectors for input and output (linking additional speakers).
- Integrated stand mounting socket.
- M5/Eyebolts points for secured suspended mounting (on select models / Clio K15 only).
- Ergonomically-shaped handles for easy transportation.
- Heavy-gauge perforated metal grille for optimal speaker protection.
- Ideal for a wide variety of outdoor and indoor DJ, live, touring and installed sound reinforcement applications.

NEW

Technical Specifications	Clio K08	Clio K12	Clio K15	Clio K25
Type	2-Way Speaker	2-Way Speaker	2-Way Speaker	3-Way Speaker
Power Output - RMS / Peak (Watts)	250 / 500	350 / 700	500 / 1000	800 / 1600
Frequency Response	50Hz-20kHz	45Hz-20kHz	45Hz-20kHz	45Hz-19kHz
Impedance (Ω)	8	8	8	4
Sensitivity (1w @1m) dB	94	96	97	98
Max SPL (dB)	121	124	130	132
LF Driver Size	1 x 8" LF, 2" VC	1 x 12" LF, 2.5" VC	1 x 15" LF, 3" VC	2 x 15" LF, 3" VC
HF Driver Size	1" exit, 1.35" VC	1" exit, 1.75" VC	1" exit, 1.75" VC	1" exit, 1.75" VC
Input Connector	2 x Speakon			
Dimension (W x D x H) mm	280 x 240 x 435	385 x 345 x 615	430 x 405 x 700	470 x 369 x 1107
Net Weight (Kg)	8	13.5	20	33

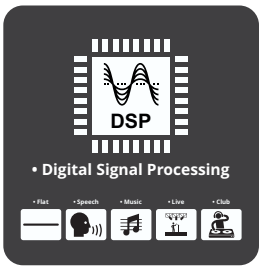
Clio Series Professional Active Loudspeakers

The Studiomaster Professional Clio Series are our range of high-performance 2-way bi-amplified active loudspeakers. Integrating a class D amplifier, DSP sound presets, USB/SD MP3 player and Bluetooth and multiple inputs, the loudspeaker is ideal for a variety of install and touring applications.











- High-performance 2-way Bi-Amplified design active loudspeakers.
- Driven by an efficient class D amplifier.
- Integrates powerful LF & HF drivers to deliver
- High SPL and a wide dispersion area.
- Easy DSP sound presets (flat / speech / music/ live / club).
- USB/SD MP3 player and Bluetooth.
- True Wireless Stereo (TWS) for pairing two units.
- XLR line out for linking additional speakers.
- Built-in soft clip limiter for speaker protection.
- Integrated stand mounting socket.
- M5 points for secured suspended mounting (Clio 156).
- Ergonomically-shaped handles for easy transportation.
- Durable plastic moulded enclosure with a wood grain finish.

Technical Specifications	Clio 64	Clio 84	Clio 124	Clio 154	Clio 156
Type	2-Way Active Speaker				
Power Output - RMS / Peak (Watts)	150 / 300	200 / 400	325 / 650	400 / 800	500 / 1000
Amplifier Type	Class D DSP				
Frequency Response	45Hz-20kHz	40Hz-20kHz	55Hz-19kHz	40Hz-20kHz	40Hz-20kHz
Max SPL (dB)	116dB	121	123.5	128	129
LF Driver Size	1 x 6" woofer with 1.2" VC	1 x 8" LF, 2" VC	12" LF, 2.5" VC	1 x 15" LF, 3" VC	1 x 15" LF, 3" VC
HF Driver Size	1" exit with 1" VC	1" exit, 1.35" VC	1" exit, 1.75" VC	1" exit, 1.75" VC	1" exit, 1.75" VC
Input Connector	1 x Stereo RCA, 1 x XLR-Jack (line) & 1 x Switchable XLR-Jack (mic/line)	1 x Stereo RCA, 1 x Jack (line) & 1 x Switchable XLR-Jack (mic/line)		1 x Stereo RCA, 1 x XLR-Jack (line) & 1 x Switchable XLR-Jack (mic/line)	
Output Connector	Balanced XLR (M)				
Dimension (W x D x H) mm	230 x 200 x 350	280 x 240 x 435	385 x 345 x 615	440 x 390 x 715	430 x 405 x 700
Net Weight (Kg)	5	9	15	21	22

Clio 104 2-Way Bi-Amplified Active Loudspeaker

NEW





- High-performance 2-way bi-amplified active loudspeaker.
- Driven by an efficient class D amplifier.
- Easy DSP default sound presets (flat / speech / music / live / club).
- DSP and EQ editor PC software to edit and write custom presets.
- Adjustable Low-Cut filter with 4 frequency options for subwoofer integration.
- Built-in delay for optimized performance in multi-speaker setups.
- Bluetooth and True Wireless Stereo (TWS) for pairing two units.
- Inputs: 2 x switchable XLR-Jack (mic/line) and 3.5mm jack (Aux line-in).
- XLR mix out for linking additional speakers.
- Built-in soft clip limiter for speaker protection.
- Integrated stand mounting socket.
- M5 points for secured suspended mounting.
- Ergonomically-shaped handles for easy transportation.
- Durable plastic moulded enclosure with a wood grain finish.

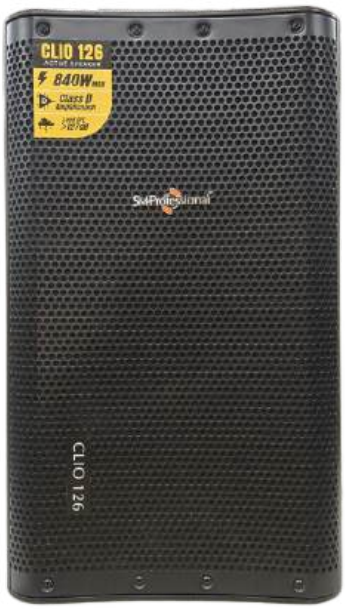
Technical Specifications	Clio 104
Type	Active Speaker
Power Output - RMS / Peak (Watts)	300 / 600
Amplifier Type	Class D
Frequency Response	55Hz-20kHz ±3dB
Max SPL (dB)	123
LF Driver Size	10" LF, 2" VC
HF Driver Size	1" Exit, 1.35" VC
Input Connector	2 x XLR-Jack (mic/line) & Aux (3.5mm)
Output Connector	Balanced XLR (M)
Dimension (W x D x H) mm	330 x 310 x 560
Net Weight (Kg)	13

- High & Low Pass Filters
- Multiple Crossover & Slope Selection
- Limiter
- Edit And Write Custom Presets



Clio 126 2-Way Bi-Amplified Active Loudspeaker

NEW





- High-performance 2-way bi-amplified active loudspeaker.
- Driven by an efficient class D amplifier.
- Easy DSP default sound presets (flat / speech / music / live / club).
- DSP and EQ editor PC software to edit and write custom presets.
- Adjustable Low-Cut filter with 4 frequency options for subwoofer integration.
- Built-in delay for optimized performance in multi-speaker setups.
- Bluetooth and True Wireless Stereo (TWS) for pairing two units.
- Inputs: 2 x switchable XLR-Jack (mic/line) and 3.5mm jack (Aux line-in).
- XLR mix out for linking additional speakers.
- Built-in soft clip limiter for speaker protection.
- Integrated stand mounting socket.
- M5 points for secured suspended mounting.
- Ergonomically-shaped handles for easy transportation.
- Durable plastic moulded enclosure with a wood grain finish.

Technical Specifications	Clio 126
Type	Active Speaker
Power Output - RMS / Peak (Watts)	420 / 840
Amplifier Type	Class D
Frequency Response	45Hz-20kHz ±3dB
Max SPL (dB)	127
LF Driver Size	12" LF, 2.5" VC
HF Driver Size	1" Exit, 1.75" VC
Input Connector	2 x XLR-Jack (mic/line) & Aux (3.5mm)
Output Connector	Balanced XLR (M)
Dimension (W x D x H) mm	370 x 350 x 615
Net Weight (Kg)	17.5

- High & Low Pass Filters
- Multiple Crossover & Slope Selection
- Limiter
- Edit And Write Custom Presets



Clio 158 2-Way Bi-Amplified Active Loudspeaker





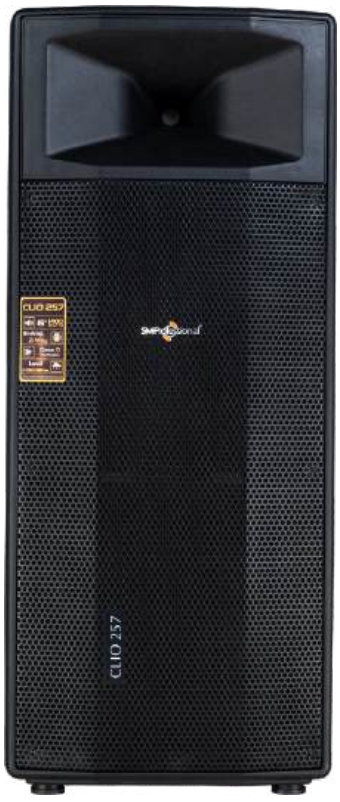
- High-performance 2-way bi-amplified 600W (RMS) active loudspeaker.
- Driven by an efficient class D amplifier.
- PC DSP and EQ editor software to edit and write custom presets.
- Easy DSP default sound presets (flat / speech / music / live / club).
- Integrates a 15” LF and 1” HF to deliver high SPL and a wide dispersion area.
- Bluetooth and True Wireless Stereo (TWS) for pairing two units.
- Inputs: 1 x XLR-Jack (mic), 1 x switchable XLR-Jack (mic/line) and 3.5mm jack (Aux line-in).
- XLR mix out for linking additional speakers.
- Built-in soft clip limiter for speaker protection.
- Integrated stand mounting socket.
- M8 points for secured suspended mounting .
- Ergonomically-shaped handles for easy transportation.
- Durable plastic moulded enclosure with a wood grain finish.

- DSP & EQ Preset Editor PC App.
- High & Low Pass Filters.
- Crossover & slope selection & limiter.
- Edit & Write custom presets.



Technical Specifications	Clio 158
Type	Active Speaker
Power Output - RMS / Peak (Watts)	600 / 1200
Amplifier Type	Class D
Frequency Response	40Hz-20kHz ±3dB
Max SPL (dB)	131
LF Driver Size	15" LF, 3” VC
HF Driver Size	1" exit, 1.75” VC
Input Connector	2 x XLR-Jack (mic & mic/line), Aux (3.5mm)
Output Connector	Balanced XLR (M)
Dimension (W x D x H) mm	435 x 380 x 720
Net Weight (Kg)	22.5

Clio 257 Dual 15" Active Loudspeaker





- High-performance 2-way bi-amplified 700W (RMS) active loudspeaker
- Driven by an efficient class D amplifier
- Easy DSP sound presets (flat / speech / music / live / club)
- Integrates 2 x 15” LFs and 1.75” HF to deliver high SPL and a wide dispersion area
- USB/SD MP3 player and Bluetooth
- True Wireless Stereo (TWS) for pairing two units
- Inputs: 1 x stereo RCA, 1 x XLR-Jack (line) & 1 x switchable XLR-Jack (mic/line)
- XLR mix out for linking additional speakers
- Built-in soft clip limiter for speaker protection
- Ergonomically-shaped handles and castor wheels for easy transportation
- Durable plastic moulded enclosure with a wood grain finish

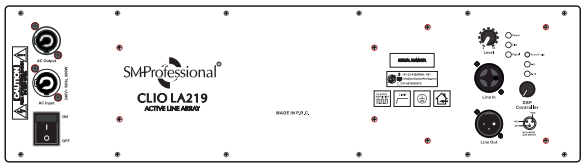
Technical Specifications	Clio 257
Type	Active Speaker
Power Output - RMS / Peak (Watts)	700 / 1400
Amplifier Type	Class D DSP
Frequency Response	45Hz-19kHz ±3dB
Max SPL (dB)	132
LF Driver Size	2 x 15" LF, 3” VC
HF Driver Size	1" exit, 1.75” VC
Input Connector	1 x Stereo RCA, 1 x XLR-Jack (line) & 1 x Switchable XLR-Jack (mic/line)
Output Connector	Balanced XLR (M)
Dimension (W x D x H) mm	470 x 369 x 1107
Net Weight (Kg)	34

Clio LA219 Dual 10" Active Line Array System

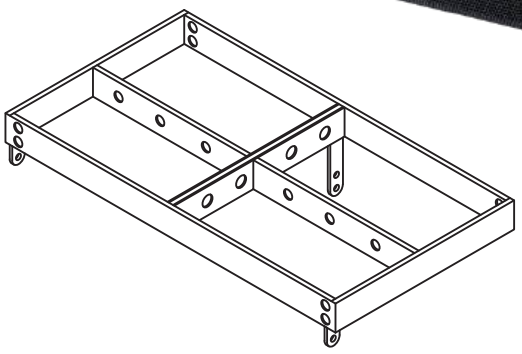
The Studiomaster Professional Clio LA219 is a high performance 700W (RMS) / 1400W (Peak) 2-way bi-amplified active line array system. Integrating 2 x 10" LF driver, class D amplification, easy DSP presets and more, the system is geared to deliver high SPL and a focused dispersion area.



Rear Panel







- High performance 2-way bi-amplified active line array system.
- Driven by an efficient class D amplifier.
- Integrates powerful LF & HF drivers to deliver high SPL and a wide dispersion area.
- Easy DSP sound presets: Front Field / 4-8 / 9-12.
- Built-in soft clip limiter for speaker protection.
- Multifunctional combo XLR-Jack input connector.
- XLR link out for linking additional speakers.
- Powercon connectors for AC input and link out power supply.
- Durable plastic moulded enclosure.
- Ergonomically-shaped handles for easy transportation.

System Consists of:

- Clio LA219 Line array module
- Fly bar

Technical Specifications	Clio LA219
System	Bi-Amp
Amplifier Type	Class D
Power Output - RMS / Peak (Watts)	700 / 1400
Frequency Response	60Hz-20kHz
System Maximum SPL (dB)	127
LF Driver Size	2 X 10" Ferrite LF, 3" Voice coil
HF Driver Size	1 X 1.4" Titanium HF Driver, 2" Voice Coil
Nominal Impedance (Ω)	8
Horizontal Coverage Angle	90°
Vertical Coverage Angle	10°
Crossover Frequency	2000Hz
Input Connectors	1 XLR-Jack
Power supply	240V, 50Hz (Powercon)
Dimensions (W x D x H) mm	770 x 495 x 300
Net Weight Clio LA219 (Kg)	32.2
Net Weight Clio LA219 Fly Bar (Kg)	17

Clio M Series Active Floor Monitor Loudspeakers

The Clio M series is our range of high quality active monitors / FOH speakers. Integrating class D amplification, an angled design and housed in a premium wooden cabinet enclosure, the multifunctional speakers are ideal for live, touring, DJ, and install applications.





PREMIUM WOODEN ENCLOSURE

PUNCHY OUTPUT

2-WAY BI-AMP DESIGN

EFFICIENT DIGITAL AMPLIFIER

ANGLED DESIGN

EASY DSP SOUND PRESETS

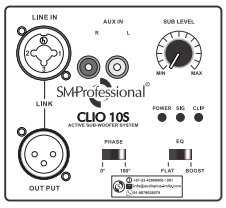
MULTIPLE INPUTS & OUTPUTS

- High-performance 2-way bi-amplified active loudspeakers.
- Built-in soft clip limiter for speaker protection.
- Integrates powerful LF & HF drivers to deliver high SPL.
- Premium wooden enclosure for superb tonality.
- Ships with angle plates to adjust the angle of the monitor between 30 or 45 degree as required.
- Integrated stand-mounting socket.
- Ergonomically-shaped handles for easy transportation.

Technical Specifications	Clio 24M	Clio 56M
System	Bi-Amp	
Amplifier Type	Class D DSP	
Power Output - RMS / Peak	325W / 650W	500W / 1000W
Frequency Response	55Hz-19kHz ±3dB	55Hz-19kHz ±3dB
Max SPL (dB)	129dB	
LF Driver Size	1 x 12" woofer with 2.5" VC	1 x 15" woofer with 3" VC
HF Driver Size	1" exit with 1.75" voice coil	
Input Connector	1 X Stereo RCA, 1 x XLR-Jack (line) and 1 x Switchable XLR-Jack (mic/line)	
Output Connector	Balanced XLR	
Dimension (W x D x H) mm	350 x 372 x 631	440 x 420 x 669
Net Weight (Kg)	20	27

Clio S Series Multi-Port Active Subwoofers

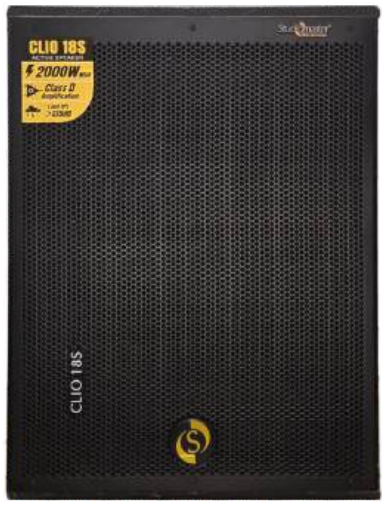
Back Panel 10S





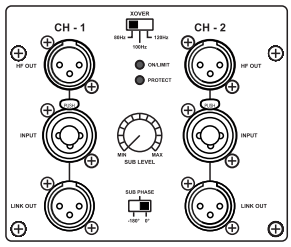






- Ultra-compact active subwoofer with high excursion LF drivers.
- 2 XLR **X-Over output for mid-hi top/speaker** connection (on 12S & 15S only).
- Parallel output to connect/link more subwoofers.
- Built-in soft clip limiter for speaker protection.
- Ergonomically-shaped handles for easy transportation.
- Integrated stand mounting socket.
- Paint finish wooden cabinet.

Back Panel 12S, 15S & 18S



NEW

Technical Specifications	Clio 10S	Clio 12S	Clio 15S	Clio 18S
Type	Active Subwoofer	Active Subwoofer	Active Subwoofer	Active Subwoofer
LF Driver Size	1 x 10" LF, 2" VC	1 x 12" LF, 2.5" VC	1 x 15" LF, 3" VC	1 x 18" LF, 5" VC
Power Output - RMS / Peak (Watts)	250 / 500	400 / 800	800 / 1600	1000 / 2000
Amplifier Type	Class D	Class H	Class H	Class D
Frequency Response	50Hz-200Hz	40Hz-150Hz	40Hz-120Hz	40Hz-200Hz
Crossover Frequency	NA	80Hz - 100Hz - 120Hz (24dB/oct).		
Max SPL (dB)	123	127	133	134
Input Connector	1 x Combo	2 x Combo XLR-Jack		
Output Connector	1 x XLR	2 x XLR Parallel, 2 x XLR X-Over		
Dimension (W x D x H) mm	345 x 405 x 360	360 x 530 x 520	430 x 600 x 600	523 x 700 x 694
Net Weight (Kg)	14.2	19	32	49

B Series Professional Active Loudspeakers



- High-quality **2-way Bi-Amplified design** active loudspeakers in a plastic moulded enclosure.
- Professional-grade XLR and ¼" jack connectors for input connectivity and linking additional loudspeakers.
- Switchable mic/line input sensitivity option.
- Integrated stand mounting socket.
- Built-in soft clip limiter for speaker protection.
- Ergonomically-shaped handles for easy transportation.

Technical Specifications	B 400V2
Type	Active Speaker
Power Output - RMS / Peak (Watts)	275 / 550
Frequency Response	60Hz-18kHz
Max SPL (dB)	125
LF Driver Size	1 x 12" LF, 2" VC
HF Driver Size	1" exit, 1.35" VC
Input Connector	XLR / Jack
Output Connector	Jack
Dimension (W x D x H) mm	400 x 345 x 600
Net Weight (Kg)	16.5

MUSE 822 Portable Trolley Party Speaker

LOUD & PUNCHY SOUND!

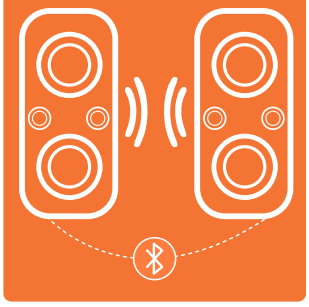
DUAL 8" WOOFER

100W OUTPUT



EXCITING STEREOPHONICS!

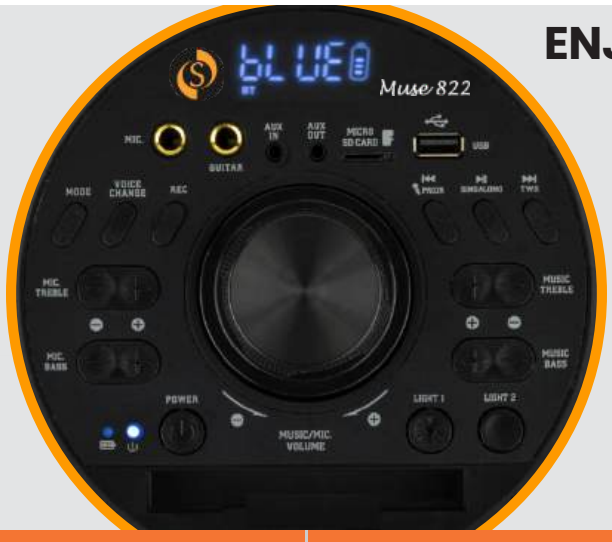
TWS
(TRUE WIRELESS STEREO)



SING & PERFORM!

DUAL WIRELESS MICROPHONES





ENJOY YOUR TUNES!

USB

mSD CARD

PLAYBACK

REC
RECORDING

AUX

IR
REMOTE

BT

DON'T LET THE FUN STOP!

RECHARGEABLE 9000 mAh Battery

12V DC Car/ Motor Cycle Battery Operation

Lightweight Portable Design



SOUND ON THE MOVE!

Extendable Trolley Handle

Sturdy PP+ABS Cabinet for Outdoor Use.

Castor Wheels



MUSE SERIES

Portable PA Active Loudspeakers

Sound on the move

MUSE 101

50W Portable Trolley Speaker with Dual Microphones

DUAL WIRELESS MICROPHONES



MUSE 61

15W Portable Speaker



MUSE 81

30W Portable Trolley Speaker



Extendable Trolley Handle

Castor Wheels

Wireless MIC Supplied!

Rechargeable Battery

USB SD MP3 Bluetooth

Media Player and Recorder

Sing-Along

True Wireless Stereo Pairing

Loud & Punchy Sound
> Clear & Powerful Sound Output
> Punchy Bass & Clear Highs

Enjoy Your Tunes
> USB/SD MP3 Media Player & Bluetooth
> Built-in MP3 Recorder
> Multiple Input & Output Options

Don't Let the Fun Stop
> Long Lasting Rechargeable Battery
> DC Charging Adapter Supplied
> Car/Motorcycle Battery Operation.

Exciting Stereophonics
> True Wireless Stereo (TWS) Pairing
> Louder Sound and Wider Stereo Imaging

Sing & Perform
> Wireless Microphone Supplied
>Unique Sing-Along Feature
> Built-in Echo/Delay EFX & 2-band EQ
> Flashy LED Lights

Sound on the Move
> Sturdy PP+ABS Cabinet for Outdoor Use
> Designed for Easy Portability

Muse Mic LHM-100 *Accessories Pack for Muse Series Speakers*



Body Pack Transmitter | Headworn Microphone | Lapel Microphone

Comfortable and lightweight design. | Unidirectional pickup pattern. | Exceptional vocal clarity. | Long cable for added flexibility. | Microphones terminated with 3.5mm EP jack. | Power supply: 2 x 1.5V AA batteries.

- Ideal for presentations, live performances, singing, speech, classrooms, houses of worship and mobile PA applications etc.

Play 900 Portable PA Active Trolley Speaker







100W
Power Output

Two Wireless MICS Supplied!

Rechargeable Battery

Media Player

True Wireless Stereo Pairing

2 Mic & 1 Line Inputs

MIC/VOX Priority

Echo EFX

7000mAh Battery

240V AC Mains Supply

12V Car Batt. Operation

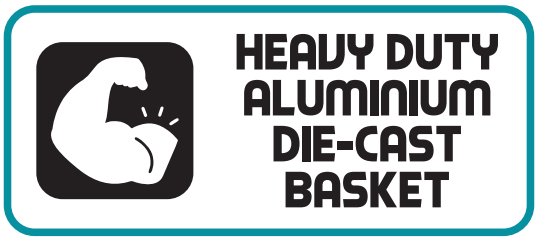
- Features a 15" LF Driver and a 1" Ø Tweeter.
- Ships with 2 x Wireless Handheld Microphones.
- US, SD/MMC Media Player & Bluetooth.
- True Wireless Stereo (TWS) for Pairing Two Units.
- Wireless IR Remote Control.
- Inputs: 2 x 6.35mm (¼") Mic & 1 x 6.35mm Line (¼").
- Outputs: 1 x 6.35mm Line (¼").
- MIC/VOX Priority Feature.
- Echo/Delay EFX on MIC Inputs with Level Control.
- Individual Volume Controls for MIC and Aux/Media Player Inputs.
- Separate 2-Band (Bass/Treble) EQ for Mic Inputs and Master Output.
- Built-in Rechargeable 7000mAh 12V Lead Acid Battery.
- Integrated Carry and Trolley Handles with Castor Wheels for Easy Transportation.
- Sturdy PP+ABS Cabinet for Outdoor Use.

Technical Specifications	Play 900
Driver Size	LF (Woofer) : 1 x 15" Dual Voice Coil HF (Tweeter) : 1 x 1"
Power Output	100W (RMS)
Frequency Response	40Hz-20kHz
S/N Ratio	>77dB
Inputs	2 x 6.35mm (¼") Mic Input, 1 x 6.35mm (¼") Line Input
Output	1 x 6.35mm (¼") Line Output
Equalization	Bass: ±10dB @ 100Hz / Treble: ±10dB @ 10kHz
Enclosure Material	PP (Polypropylene)
Dimensions (W x D x H) mm	420 x 440 x 760
Weight (Kg)	19

S Series High Performance Transducers

The S-Series is our most comprehensive range of high-performance transducers designed to deliver powerful sound reproduction to suit a wide variety of enclosure designs, and perform reliably for years without losing their sonic qualities.

- High-quality transducers with excellent sensitivity and excursion capabilities.
- Assembled using high-quality Ferrite magnets, tightly-wound voice coils, and responsive paper cones.
- Ventilated voice coil gap to reduce power compression, improve conversion efficiency, and superior cooling.
- **Heavy-duty die-cast frame** with a wide flange for increased rigidity.
- Engineered to suit a wide variety of enclosure designs to deliver high power, clarity, and punch.



21"



Technical Specifications	SWF 21200
Type	Subwoofer
Power Output RMS / Peak (Watts)	2000 / 4000
Frequency Response (Hz)	33Hz-2kHz
Impedance (Ω)	8
Sensitivity (1w @ 1m) dB	98
Nominal Diameter (mm/inch)	543 / 21
Voice Coil Diameter (mm/inch)	127 / 5
Voice Coil Material	Copper
Kind of Layer	Inside/Outside
Net Weight (Kg)	20.4

18"



Technical Specifications	SWF 18200	SWF 18150
Type	Subwoofer	Subwoofer
Power Output RMS / Peak (Watts)	2000 / 4000	1500 / 3000
Frequency Response (Hz)	40Hz-1.2kHz	30Hz-2kHz
Impedance (Ω)	8	8
Sensitivity (1w @ 1m) dB	96	98
Nominal Diameter (mm/inch)	475 / 18	460 / 18
Voice Coil Diameter (mm/inch)	152.2 / 6	127 / 5
Voice Coil Material	Copper	Copper
Kind of Layer	Inside/Outside	Inside/Outside
Net Weight (Kg)	30.62	19.5

18"







Technical Specifications	SWF 18140	SWF 18120	SWF 18100
Type	Subwoofer	Subwoofer	Subwoofer
Power Output RMS / Peak (Watts)	1400 / 2800	1200 / 2400	1000 / 2000
Frequency Response (Hz)	40Hz-1.8kHz	30Hz-2kHz	30Hz-2kHz
Impedance (Ω)	8	8	8
Sensitivity (1w @ 1m) dB	97	97	97
Nominal Diameter (mm/inch)	460 / 18	460 / 18	460 / 18
Voice Coil Diameter (mm/inch)	127 / 5	127.6 / 5	100 / 4
Voice Coil Material	Copper	Copper	Copper
Kind of Layer	Inside/Outside	Inside/Outside	Inside/Outside
Net Weight (Kg)	19.3	20.2	12.5

S Series High Performance Transducers

15"



Technical Specifications	SWF 1580	SWF 1560	SMB 1565	SMB 1545	SMB 1530
Type	Woofer	Woofer	Mid-Bass	Mid-Bass	Mid-Bass
Power Output - RMS / Peak (Watts)	800 / 1600	600 / 1200	650 / 1300	450 / 900	300 / 600
Frequency Response (Hz)	40Hz-5kHz	40Hz-3.5kHz	40Hz-5kHz	40Hz-3.5kHz	40Hz-3.5kHz
Impedance (Ω)	8	8	8	8	8
Sensitivity (1w @ 1m) dB	97	97	98.5	97	96.5
Nominal Diameter (mm/inch)	388 / 15	380 / 15	380 / 15	380 / 15	380 / 15
Voice Coil Diameter (mm/inch)	100 / 4	100 / 4	100 / 4	100 / 4	75.5 / 3
Voice Coil Material	Copper	Copper	Copper	Copper	Copper
Kind of Layer	Inside/Outside	Inside/Outside	Outside	Outside	Outside
Net Weight (Kg)	12.5	11.3	11.2	10.6	7

12"



Technical Specifications	SMB 1250	SMB 1230	SMB 1220
Type	Mid-Bass	Mid-Bass	Mid-Bass
Power Output - RMS / Peak (Watts)	500 / 1000	300 / 600	200 / 400
Frequency Response (Hz)	55Hz-3.5kHz	45Hz-4kHz	50Hz-5.5kHz
Impedance (Ω)	8	8	8
Sensitivity (1w @ 1m) dB	98	96	97
Nominal Diameter (mm/inch)	300 / 12	300 / 12	300 / 12
Voice Coil Diameter (mm/inch)	100 / 4	100 / 4	50.5 / 2
Voice Coil Material	Copper	Copper	Copper
Kind of Layer	Inside/Outside	Outside	Outside
Net Weight (Kg)	9.5	9.5	5.2

HF



Technical Specifications	SHF 0210	SHF 0106	SHF 0104
Type	HF	HF	HF
Power Output - RMS / Peak (Watts)	100 / 200	60 / 120	40 / 80
Frequency Response (Hz)	500Hz-18kHz	1.2Hz-20kHz	1.2kHz-20kHz
Impedance (Ω)	8	8	8
Sensitivity (1w @ 1m) dB	110	107	107
Nominal Diameter (mm/inch)	50 / 2 (Exit)	25.4 / 1 (Exit)	25.4 / 1 (Exit)
Voice Coil Diameter (mm/inch)	72.2 / 2.84	44.4 / 1.75	44.4 / 1.75
Voice Coil Material	Titanium	Titanium	Titanium
Kind of Layer	-	-	-
Net Weight (Kg)	5.4	1.4	1.5

V-Series High Performance Transducers

The V-Series is our range of high-performance transducers designed to deliver great sensitivity and excursion capabilities. Striking a right balance between a powerful sonic performance and affordability, the V-Series is set to be all the rage in loudspeaker design.

HEAVY ON PUNCH, LIGHT ON THE POCKET!



V-58M
15" 800 WATTS MAX
MID-BASS TRANSDUCER



V-59M
15" 1000 WATTS MAX
MID-BASS TRANSDUCER



V-60M
15" 1200 WATTS MAX
MID-BASS TRANSDUCER



V-26M
12" 600 WATTS MAX
MID-BASS TRANSDUCER



V-27NEO
12" 700 WATTS MAX
MID-BASS TRANSDUCER

NEODYMIUM MAGNET



V-28NEO
12" 1000 WATTS MAX
MID-BASS TRANSDUCER



V-12H
2" 240 WATTS MAX
HIGH FREQUENCY COMPRESSION DRIVER

- Ventilated voice coil gap to reduce power compression, improve conversion efficiency, and optimum cooling.
- Heavy-duty die-cast aluminium frame with a wide flange for increased rigidity.
- Engineered to suit a wide variety of enclosure designs to deliver high power, clarity, and punch.
- Ideal for a wide variety of high power loudspeaker and line array cabinet enclosure designs.

Technical Specifications	V-26M	V-27NEO	V-28NEO	V-58M	V-59M	V-60M	V-12H
Type	Mid-Bass	Mid-Bass	Mid-Bass	Mid-Bass	Mid-Bass	Mid-Bass	HF
Power Output - RMS / Peak (Watts)	300 / 600	350 / 700	500 / 1000	400 / 800	500 / 1000	600 / 1200	120/ 240
Frequency Response (Hz)	57-3000	59-3500	60-3500	45-4000	41-3200	43-2200	600-20000
Impedance (Ω)	8	8	8	8	8	8	8
Sensitivity (1w @ 1m) dB	96	98	98.5	100	98	97	105
Nominal Diameter (mm/inch)	300 / 12	300 / 12	300 / 12	380 / 15	380 / 15	380 / 15	170 / 7
Voice Coil Diameter (mm/inch)	75 / 3	75 / 3	86 / 3.4	75 / 3	86 / 3.4	100 / 4	72.5 / 2.85
Voice Coil Material	ALW	PIALW	PIALW	ALW	ALW	Cu	CCAR
Kind of Layer	Outside	Inside/Outside	Inside/Outside	Outside	Inside / Outside	Inside / Outside	-
Basket	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium	-
Net Weight (Kg)	5	3.7	4.7	6.9	7.3	10.14	4.7

Titan Series Premium Transducers

The Titan series is our flagship range of premium-quality transducers designed for excellent sound reproduction, and suit a wide variety of enclosure designs to deliver stellar performance for years without losing their sonic qualities.





Technical Specifications	TMB 1555	THF 0208
Type	Mid-Bass	HF
Power Output RMS / Peak (Watts)	550 / 1100	80 / 160
Frequency Response (Hz)	49Hz-3kHz	1kHz-20kHz
Impedance (Ω)	8	8
Sensitivity (1w @ 1m) dB	97.6	106
Nominal Diameter (mm/inch)	380 / 15	50.8 / 2 (Exit)
Voice Coil Diameter (mm/inch)	100 / 4	51.6 / 2
Voice Coil Material	CCAW	Titanium
Kind of Layer	Inside/Outside	-
Basket	Die-cast	-
Net Weight (Kg)	10.5	2.83

XSM Series High Performance Transducers

The XSM Series is our range of high-performance transducers designed to deliver great sensitivity and excursion capabilities. Striking a right balance between a powerful sonic performance and affordability, the V-Series is set to be all the rage in loudspeaker design.





Technical Specifications	XSM 255	XSM 585
Type	Mid-Bass	Mid-Bass
Power Output - RMS / Peak (Watts)	500 / 1000	800 / 1600
Frequency Response (Hz)	55-3000	50-2000
Impedance (Ω)	8	8
Sensitivity (1w @ 1m) dB	96	95
Nominal Diameter (mm/inch)	300 / 12	388 / 15
Voice Coil Diameter (mm/inch)	100 / 4	100 / 4
Voice Coil Material	Copper	
Kind of Layer	Inside / Outside	
Basket	Aluminium	
Net Weight (Kg)	9.9	11.8

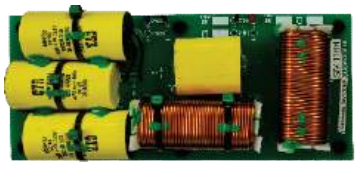
Passive Crossovers

The Studiomaster Professional SM series is our range of high-quality passive crossover networks designed with state-of-the-art circuitry and close-tolerance components for accurate audio frequency distribution. Engineered and fine-tuned for impeccable sonic precision, the crossover networks are ideal for a wide variety of high power professional loudspeaker enclosures.

SM 215



SM 118H

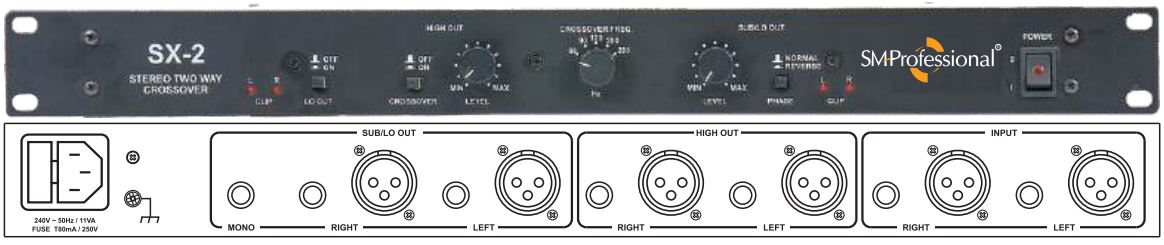


SM 215K



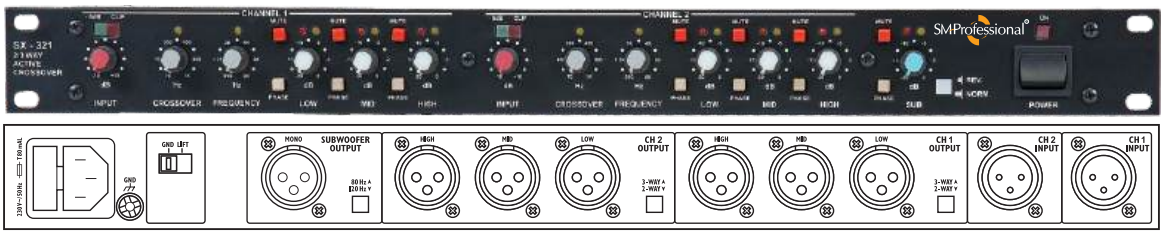
Technical Specifications	SM 118H	SM 215H	SM 215	SM 215K
Type	One-Way	Two-Way	Two-Way	Two-Way
Power Handling	1500 Watt	1300 Watt	940 Watt	1500 Watt
Crossover Frequency	260 Hz	1800 Hz	1800 Hz	3100 Hz
Nominal Impedance	8 Ω	4 Ω	4 Ω	4 Ω

SX-2 2-Way Stereo Crossover



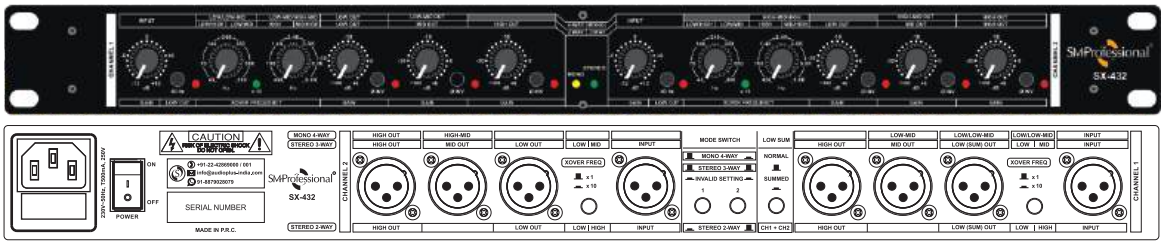
- 2-way stereo active crossover.
- Octave slope: 18dB for low and high.
- Crossover selectable frequency: 60, 90, 120, 200 and 280Hz.
- Individual output controls for both frequency bands.
- Input and output connectors: XLR and ¼" TRS jack.

SX-321 2-Way / 3-Way Stereo Crossover



- 2-way, 3-way stereo active crossover with subwoofer out.
- Octave slope: 12dB for low, mid, high and 24dB for subwoofer.
- Crossover frequency: 70Hz-1kHz and 910Hz-8kHz.
- Individual output level and mute control for each frequency band.
- Phase adjustment switch for each frequency band.
- Separate subwoofer out with master rotary control and switchable frequency 80/120Hz.
- Input and output connectors: XLR and ¼" jack.

SX-432 2-Way/3-Way and Mono 4-Way Active Crossover

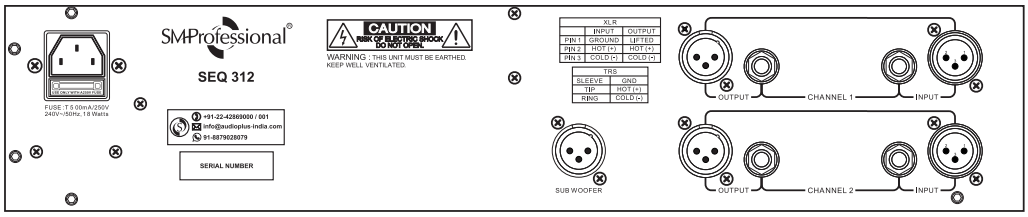


- Professional stereo 2-way/3-way and mono 4-way active crossover.
- Accurate 24dB per octave Linkwitz-Riley slop filters.
- "Low Sum" mono subwoofer output for powerful bass performance.
- Individual level controls for all band outputs.
- 40Hz high pass (low cut) filter and x10 range switch on both channels.
- SIndividual phase reverse switches for instant phase correction.
- Balanced XLR inputs and outputs.

Technical Specifications	SX-2	SX-321	SX-432
Input Impedance	20KΩ Balanced	20KΩ Balanced	25KΩ Unbalanced / 50KΩ Balanced
Output Level / Impedance	0.775V / 600Ω Max 7V Balanced	1V / 600Ω Max 7V Balanced	Unbalanced: 100Ω, Bal: 200Ω
Signal to Noise Ratio	90 dB	80 dB	85dB
Crossover Frequency Response	60Hz, 90Hz, 120Hz, 200Hz, 280Hz	Low/Mid: 70Hz-1kHz /Mid/High: 910Hz- 8kHz Subwoofer: 80/120Hz	45Hz-9.6kHz
THD	<0.1%	<0.1%	<0.05%
Low Cut	-3dB @ 50Hz	-	-3dB @ 40Hz
Input Sensitivity	0dBu	0dBu	0dBu
Slope (Low, Mid, High)	18dB/octave	12dB/octave	450Hz to 9.6kHz
Subwoofer Slope	-	24dB/octave	24dB/octave
Dimension (W x D x H) mm	482 x 132 x 44 (1U)	482 x 150 x 44 (1U)	482.6 x 175 x 44 (1U)
Net Weight (Kg)	2.7	2.7	1.8

SEQ 312 Dual 31-Band Graphic Equalizer

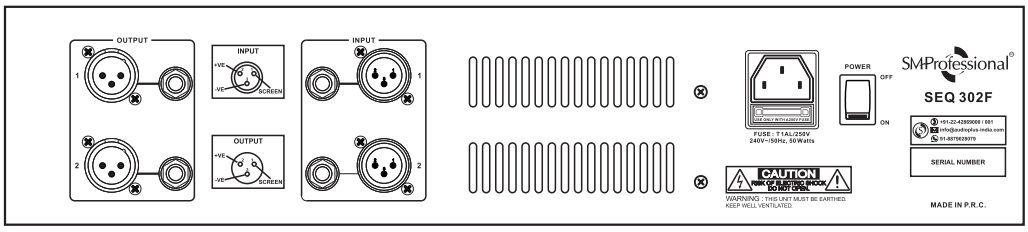




- Professional dual 31-Band stereo graphic equalizer with constant Q factor.
- Range setting switchable between ±12dB.
- Durable and accurate 20mm faders.
- LF cut and bypass switches.
- **Separate sub out with selectable frequencies.**
- Balanced XLR and unbalanced ¼" input & output connectors.

SEQ 302F Dual 30-Band Graphic Equalizer

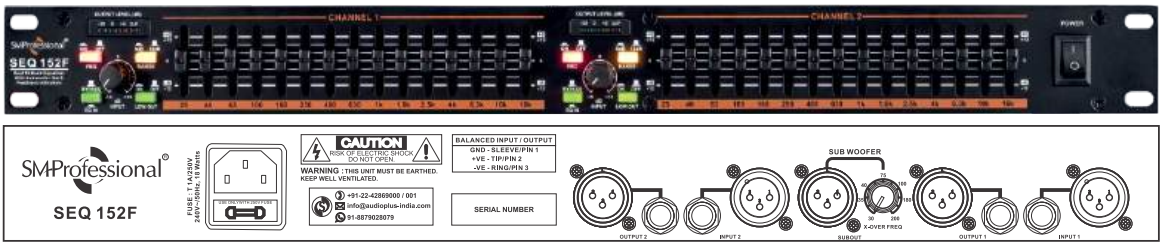




- Professional dual 30-band stereo graphic equalizer with **feedback detection system** and a constant Q factor.
- **LEDs instantly reveal critical feedback frequencies.**
- Range setting switchable between ±12dB.
- Durable & accurate 20mm faders.
- Low frequency cut and EQ bypass switches.
- Balanced XLR and unbalanced ¼" input and output connectors.
- LF Cut & bypass Switches.

Technical Specifications	SEQ 302F	SEQ 312
Input Impedance	Balanced 12.7K Ω	Balanced 20 K Ω
Output Impedance	Balanced 600 Ω	Balanced 600 Ω
Input Output Connectors	XLR and TRS	XLR and TRS
Frequency Response	20Hz-20kHz	20Hz-20kHz
EQ Center Frequency	25Hz, 31Hz, 40Hz, 50Hz, 63Hz, 80Hz, 100Hz, 125Hz, 160Hz, 200Hz, 250Hz, 315Hz, 400Hz, 500Hz, 630Hz, 800Hz, 1kHz, 1.25kHz, 1.6kHz, 2kHz, 2.5kHz, 3.15kHz, 4kHz, 5kHz, 6.3kHz, 8kHz, 10kHz, 12.5kHz, 16kHz, 20kHz.	20Hz, 25Hz, 31.5Hz, 40Hz, 50Hz, 63Hz, 80Hz, 100Hz 125Hz, 180Hz, 200Hz, 250Hz, 315Hz, 400Hz, 500Hz, 630Hz, 800Hz, 1kHz, 1.25kHz, 1.6kHz, 2kHz, 2.5kHz, 3.15kHz, 4kHz, 5kHz, 6.3kHz, 8kHz, 10kHz, 12.5kHz, 16kHz, 20kHz.
EQ Cut / Boost	±12dB	±12dB
Subwoofer Frequency	63Hz-315Hz	63Hz-315Hz
Low Cut	-3dB@63Hz	-3dB@63Hz
Signal to Noise Ratio	>90dB	-
THD	0.01%	
Dimensions (W x D x H) mm	485 x 170 x 90 (2U)	482 x 145 x 88 (2U)
Net Weight (Kg)	3.15	2.9

SEQ 152F Dual 15-Band Stereo Graphic Equalizer with Constant Q Factor

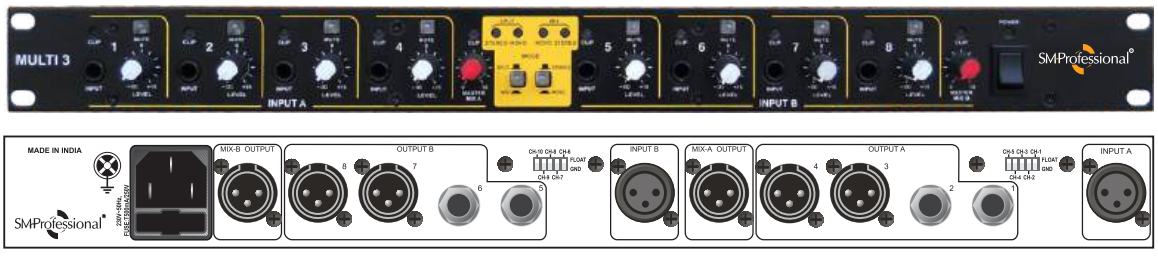


- Professional dual 15-band stereo graphic equalizer with constant Q factor.
- Feedback detection system with LED to reveal critical frequencies.
- Durable & accurate 20mm faders for easy level setting of each frequency.
- Range setting selectable between ±6dB or ±12dB to give a gradual variation as required.
- Low frequency cut, EQ in/out, gain range & FBQ switches.
- Dedicated mono XLR subwoofer output with selectable crossover frequency.
- Balanced XLR and ¼" TRS jack inputs and outputs connectors.
- Ideal to mitigate unpleasant feedback loops, howling and whistling in live sound and install applications.

Technical Specifications	SEQ 152F
Input Impedance	Bal: 20K Ω
Output Impedance	Bal : 600 Ω
Input Output Connectors	XLR & TRS
Frequency Response	20Hz - 20 kHz
EQ Center Frequency	25Hz, 40Hz, 63Hz, 100Hz, 160Hz, 250Hz, 400Hz, 630Hz, 1kHz, 1.6kHz, 2.5kHz, 4kHz, 6.3kHz, 10kHz, 16kHz,
EQ Cut / Boost	±6dB/±12dB
Subwoofer Frequency	30Hz - 200Hz
Low Cut	25Hz, -3dB
Signal to Noise Ratio	> 90 dB
THD	0.01%
Dimensions (W x D x H) mm	483 x 170 x 46.2
Net Weight (Kg)	2.1

Multi 3 8 Channel Splitter / Mixer

The Studiomaster Professional MULTI 3 is a high quality Splitter/mixer designed to suit the needs of fixed installations as well as live sound re-inforcements.



- 4 modes of operation:
  - **Stereo Mix**– 2 x 4 IN / Mix Out + 4 individual channel out.
  - **Mono Mix**– 8 IN / 2 Mix Out + 8 individual channel out.
  - **Stereo Split**– 2 IN / 10 Out.
  - **Mono Split**– 1 IN / 10 Out.
- 10 balanced inputs and outputs.
- ¼" TRS jack inputs on each channel with level control.
- 15dB gain on each channel.
- Self-illuminated mute switches on each channel
- Clip LED for all inputs. .

Technical Specifications	Multi 3
Input Sensitivity	0dBu
Input Impedance	> 20 K Ω
Output Impedance	< 50 Ω
Maximum Output Level	+21dBu
Frequency Response	20Hz-20kHz (+/-0.5 dB)
THD	< 0.01 %
Dimensions (W x D x H) mm	482 x 120 x 44.2 (1U)
Net Weight (Kg)	2.1

- Individual outputs: 4 x ¼" stereo jacks and 4 x XLR.
- Balanced inputs/outputs and master control for MIX A and B.

SD 300 Digital Delay



Back Panel

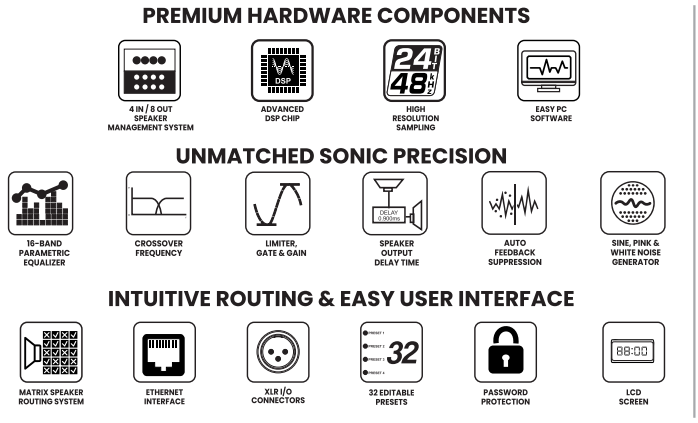


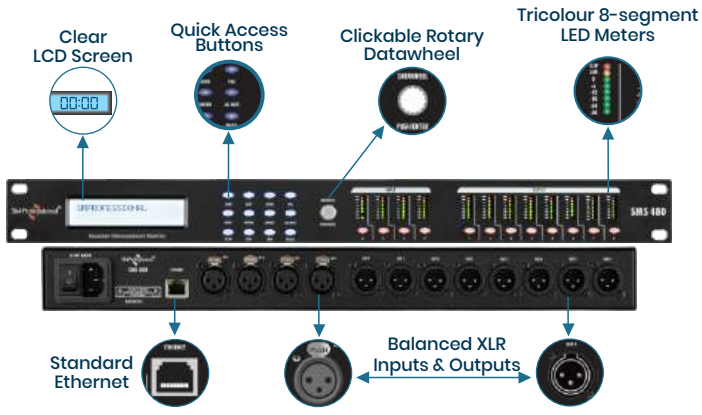
- Features 2 professional-grade 1/4" unbalanced Mic/Line inputs and 1 output.
- Inputs switchable between Mic and Line.
- Delay time and repeat control for a variety of effect options.
- Individual level controls for the inputs and effect output.
- Convenient effect ON/OFF or bypass switch.
- Works on +12V DC adapter as well as +9V DC battery.
- Elegant look with a compact build size for easy portability.

SMS 480 Premium 4 IN / 8 OUT Digital Speaker Management System

The Studiomaster Professional SMS 480 is a premium 4 IN / 8 OUT Digital Speaker Management System. Integrating high resolution DAC & DSPs, 16-band PEQ, multiple crossover filters and more, the system offers precise control, improved sound quality and speaker protection in live, touring, install and PA systems, especially in large and complex applications.







- **Integrates advanced Analog Devices SHARC® DSP 24-bit/48kHz 400MHz chip for best-in-class sonic performance.**
- **Easy and user-friendly PC software for end-to-end remote speaker control and management.**
- Per channel **16-band PEQ with variable Q factor** for inputs and outputs.
- Accurate crossover frequency selection with slopes ranging from 6dB to 48dB/Octave including Butterworth, Bessel and Linkwitz-Riley filters.
- Responsive gate, limiter and gain settings for advanced dynamic range control.
- **Adjustable speaker output delay time selectable up to 218ms.**
- Automatic delay time conversion to equivalent distance in feets and metres.
- Adaptive auto feedback suppression to mitigate unpleasant feedback loops, howling and whistling.
- **Built-in sine wave signal and pink/white noise generator for speaker frequency calibration.**
- **Advanced matrix mixing system to tackle complex speaker routing scenarios.**
- **32 user-definable presets with save, delete, recall, import and export options.**
- **Password protection to lock and unlock settings and avoid unauthorised tampering.**
- Easy DSP and ARM firmware updates over Ethernet for added future-proofing.
- Front panel interactive LCD screen for local access and configuration.
- Self-illuminated switches with tricolour 8-segment LED meters.
- Balanced XLR input and output connectors.
- Ideal for precise configuration and setup of multiple loudspeakers or line array systems in live, touring and install applications.

Technical Specifications	SMS 480
Maximum input level	18dBu
Maximum Output level	18dBu
Harmonic distortion THD+N	<0.005%
Frequency Response	20Hz-20 kHZ ±0.3dB
Input Impedance	> 20K
Signal-to-noise ratio	-106dB
DSP	400Mhz ADSP-21488
Sampling frequency	48K
Quantization	24Bit
Mode storage	32
Control mode	100M Ethernet
Input Gain / Output Gain	-70dBu to 12 dBu
Delay	Output 1 to 4 218 milliseconds / Output 5 to 8 148 milliseconds
Filter	Low Shelf, High Shelf, High pass/low pass, Bessel, Butterworth, Link-Riley
Slope	-6dB/oct, -12dB/oct, -18dB/oct, -24dB/oct, -36dB/oct, -48dB/oct
Dimension (W x D x H) mm	482 x 200 x 44 (1U)
Net Weight (Kg)	2.8

Vani Series Network IP Paging & Broadcasting Systems

NEW

The Vani Series is a next-generation IP-based network paging and broadcasting system designed to deliver powerful, intelligent, and flexible audio communication across modern environments.

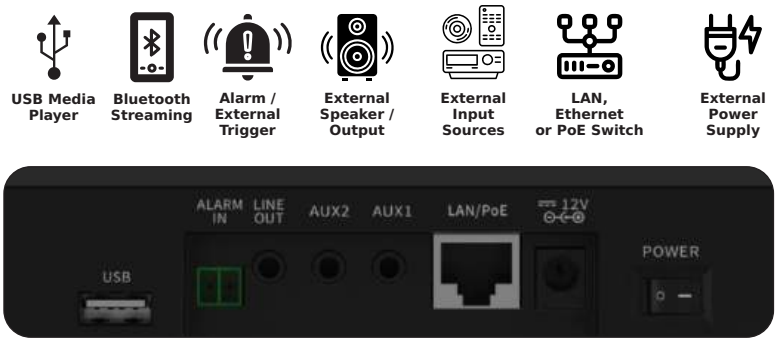
Vani Series Features:

- Advanced IP-based Network Paging & Broadcasting System.
- Built-in Standalone Server & Network Architecture.
- Seamlessly Integrates with Existing LAN/WAN Network Infrastructure.
- Free Browser-based Software for Easy Configuration & Remote Management.
- Empowers Live Paging, Scheduled Broadcasting, Emergency Broadcasting, Event-triggered Broadcasting and Background Music Playback.
- Power over Ethernet (PoE) Support Delivers both Power and Data via Standard CAT 5e / CAT 6 Cables.
- Two-way Intercom, Zone, Groups & All-call Support.
- Digital Transmission for Superior, Interference-free Audio Quality.
- Supports Integration with Fire Alarms, CCTV & Other Automation Equipment.
- Designed to Effortlessly Integrate into Legacy/Existing PA System.

Vani MPS.01

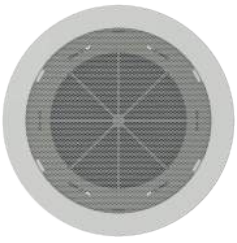


- Professional IP Paging Console with Advanced Network Capabilities.
- Built-in Standalone Server Supporting up to 32 IP Endpoint Devices.
- Supports Live Paging & Broadcast to all Zones, Designated Zone or IP Endpoints.
- Integrated Mixing Console Supporting 5 Audio Sources (MIC, AUX1, AUX2, Bluetooth & USB Flash Drive).
- Easy Remote Configuration & Management via Free Browser-based Software Application.
- Connection via Standard RJ45 Ethernet Port for Easy Integration with Existing LAN/WAN Network Infrastructure.
- Equipped with Relay Input to Connect External Detection & Automation Devices for Automatic Event-triggered Emergency Notifications.
- Built-in 3W Clear Loudspeaker & Unidirectional Condenser Microphone.
- Responsive 4" High Definition Colour Touchscreen for Easy Navigation & Control.
- Multiple Volume Control Knobs & Shortcut Keys for Easy Hands-on Control.

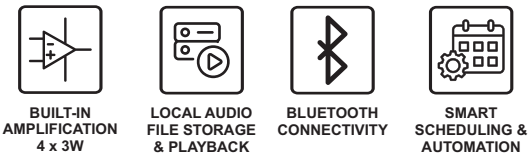


Vani MPS.01	
Network Interface	100 BASE-TX, RJ45 Connector, Supports PoE IEEE 802.3 af/at
Network Protocols	TCP/IP, UDP, HTTP, RTP, ARP, ICMP, NTP, DHCP
Configuration Method	Web Interface or DevConfig Tool
Audio Input	2 x 3.5mm Audio Jack
Audio Output	1 x 3.5mm Audio Jack
USB	USB 2.0
Control Input	1 x 2-Pin Phoenix Connector
Power Input	DC 12V/1.5A
Dimensions mm	144 x 144 x 34
Weight (Kg.)	0.55

Vani SC.01



- Professional IP Network Ceiling Speaker.
- Built-in 4 x 3W Amplifier (Allows Connection of 3 External Analog Passive Speakers).
- Connection via Standard RJ45 Ethernet Port for Easy Integration with Existing LAN/WAN Network Infrastructure.
- Receives SIP Audio, ONVIF Audio, Bluetooth and Multicast.
- Internal 80MB File Storage (Supports up to 20 Files in WAV/MP3 Format).
- Built-in Timer for Scheduled Playback of Local Files.
- Supports HTTP API Interface to Trigger File Playback.
- 1 Audio Input (Supports MIC or LINE Input, Switchable via Web Interface).
- 2 Control Inputs & 1 Control Output for Alarms, Camera & Other Automation Equipment.
- Supports PoE/PoE+ and DC Power Supply.



Vani SC.01	
Network Protocol	TCP/IP, UDP, HTTP, RTP, RTSP, ARP, ICMP, NTP, SIP, ONVIF
Network Interface	100BASE-TX, RJ45 Connector
Configuration Method	Web Interface or DevConfig Tool
Power Output	4 x 3W (Via DC24V / PoE / PoE+)
Frequency Response	100Hz-16kHz
Sensitivity	90dB
Max SPL	95dB
Power Supply	DC 24V or PoE(IEEE802.3af/at)
Dimensions (OD x D)	ø180 x 120.5mm
Weight	0.63

Vani Series Network IP Paging & Broadcasting Systems

NEW

Vani SW.01



- Professional IP Network Cabinet Wallmount Speaker.
- Built-in 2 x 10W Amplifier (Allows Connection of 1 External Analog Passive Speaker).
- Connection via Standard RJ45 Ethernet Port for Easy Integration with Existing LAN/WAN Network Infrastructure.
- Receives SIP Audio, ONVIF Audio, Bluetooth and Multicast.
- Internal 80MB File Storage (Supports up to 20 Files in WAV/MP3 Format).
- Built-in Timer for Scheduled Playback of Local Files.
- Supports HTTP API Interface to Trigger File Playback.
- 1 x Control Input, 1 x Audio Input & 1 x Secondary Speaker Interface.
- Built-in Microphone for Two-way Communication.
- Supports PoE/PoE+ and DC Power Supply.

BUILT-IN AMPLIFICATION 2 x 10W | LOCAL AUDIO FILE STORAGE & PLAYBACK | BLUETOOTH CONNECTIVITY | SMART SCHEDULING & AUTOMATION | TWO-WAY COMMUNICATION MICROPHONE

Vani SW.01	
Network Protocol	TCP/IP, UDP, HTTP, RTP, RTSP, ARP, ICMP, NTP, SIP, ONVIF
Network Interface	100BASE-TX, RJ45 Connector
Configuration Method	Web Interface or DevConfig Tool
Power Output	2 x 10W (Via DC24V) 2 x 7W (Via POE / POE+ / DC12V)
Frequency Response	140Hz-20kHz
Sensitivity	88dB
Max SPL	98dB
Power Supply	DC12V~24V or PoE (IEEE802.3af/at)
Dimensions (W x D x H)	130 x 124 x 238mm
Weight (Kg.)	2.1 kg

Vani SH.01



- Professional IP Network Horn Speaker.
- Connection via Standard RJ45 Ethernet Port for Easy Integration with Existing LAN/WAN Network Infrastructure.
- Receives SIP Audio, ONVIF Audio, Bluetooth and Multicast.
- Internal 80MB File Storage (Supports up to 20 Files in WAV/MP3 Format).
- Built-in Timer for Scheduled Playback of Local Files.
- Supports HTTP API Interface to Trigger File Playback.
- 1 x Control Input & 1 x Control Output (Supports DC12V Output, Configurable via Web Interface).
- Built-in Microphone for Two-way Communication.
- IP66 for High Dust & Splash Resistance.
- Supports PoE/PoE+ and DC Power Supply.

BUILT-IN AMPLIFICATION 1 x 15W | LOCAL AUDIO FILE STORAGE & PLAYBACK | BLUETOOTH CONNECTIVITY | SMART SCHEDULING & AUTOMATION | TWO-WAY COMMUNICATION MICROPHONE | DUST & SPLASH RESISTANCE

Vani SH.01	
Network Protocol	TCP/IP, UDP, HTTP, RTP, RTSP, ARP, ICMP, NTP, SIP, ONVIF
Network Interface	100BASE-TX, RJ45 Connector
Configuration Method	Web Interface or DevConfig Tool
Power Output	15W (Via DC 24V / DC12V / PoE / PoE+)
Frequency Response	400Hz-7kHz
Sensitivity	105dB
Max SPL	116dB
Power Supply	DC12V~24V or PoE (IEEE802.3af/at)
Dimensions (W x D x H)	222 x 232 x 163mm
Weight (Kg.)	1.3

Vani BA.01



- Professional Network Audio Bridge Amplifier.
- Converts Any Speaker/Amplifier into a Smart Network Device.
- Connection via Standard RJ45 Ethernet Port for Easy Integration with Existing LAN/WAN Network Infrastructure.
- Built-in 15W 8Ω Class D Amplifier to Drive Standard Speakers.
- Internal 80MB File Storage (Supports up to 20 Files in WAV/MP3 Format).
- Receives SIP Audio, ONVIF Audio, Bluetooth and Multicast.
- Built-in Timer for Scheduled Playback of Local Files.
- Supports HTTP API Interface to Trigger File Playback.
- 1 x Control Inputs for Alarms & 1 x Mic Input for Two-way Communication.
- 1 x Speaker Output & 1 x Line Output to Connect to Amplifiers or Other Audio Devices.
- Supports PoE/PoE+ Power Supply.

Upgrade Any Legacy Speaker/Amplifier into a Smart Network System



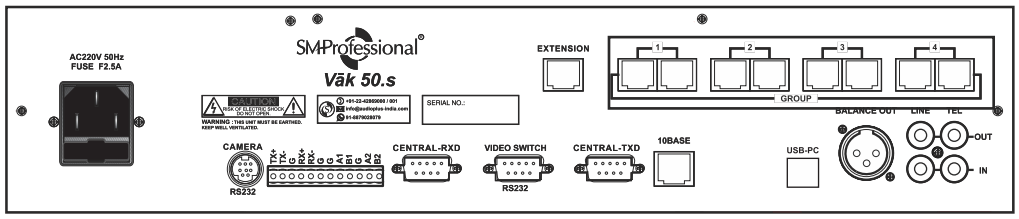
Vani BA.01	
Network Protocol	TCP/IP, UDP, HTTP, RTP, RTSP, ARP, ICMP, NTP, SIP, ONVIF
Network Interface	100BASE-TX, RJ45 Connector
Configuration Method	Web Interface or DevConfig Tool
Power Output	15W @ 8Ω
Frequency Response	100Hz-20kHz
Power Supply	PoE (IEEE802.3af/at)
Dimensions (W x D x H)	126 x 66 x 27mm
Weight (Kg.)	0.16

Vāk 50 Wired Conference System With Camera Tracking And Web Management System

The Vāk 50 is a premium Digital Conference System with Network Connectivity & Camera Tracking and more. Integrating state-of-the-art Digital Signal Processing technologies, network-based architecture, remote web management system, advanced priority control, ultra functional operating modes and more, the system is geared to empower seamless and scalable conferencing in large meeting applications.

Vāk 50.s Main Controller





NETWORK BASED | **INTUITIVE INTERFACE** | **USB MP2 RECORDER** | **CAMERA TRACKING** | **REMOTE WEB MANAGEMENT APP**

- Seamless network connectivity via standard RJ45 ethernet connectors.
- Supports up to 100 participants by default for small to medium meeting scenarios.
- Can support up to 1000 participants via optional extender for larger meeting scenarios.
- Multifunctional operating modes such as FIFO, LIFO, chairman, all ON, auto mode and more.
- Advanced priority control with manual and auto recover options.
- Remote microphone ON/OFF and shutdown.
- Built-in USB MP2 recorder with sequential file saving and storage.
- Intuitive camera tracking with industry-standard VISCA and PELCO-D/P protocol compatibility.
- RS-232 and RS-485 camera controller interface.
- Supports one camera system out-of-the-box and multi camera systems via optional extender.
- Embedded browser-based web management app for remote configuration and control via a PC, laptop or smartphone.
- User-friendly interface with responsive LCD touch screen.
- Quick plug-and-play installation, easy-to-use, no operator required.
- Ideal for boardrooms, conference rooms, legislative chambers and other large and complex meeting scenarios.

Advanced Priority Settings

Chairman Regulates Priority Control





Manual Recover
In this mode, delegate units are switched OFF when the chairman's priority key is pressed. They can be reactivated by pressing the ON key again.

Auto Recover
In this mode, delegate units are muted while the priority key is pressed and held. It is unmuted once the key is released.

WEB MANAGEMENT APP

Remote Configuration & Control



END-TO-END REMOTE MANAGEMENT





BROWSE-BASED, NO SOFTWARE REQUIRED

CONTROL VIA SMARTPHONE TOO



Ultra Functional Operating Modes

FIFO: It is the order in which the participants enter the discussion and the order in which they are switched OFF (muted), when a new 'speak' request comes in.

LIFO: It is the order in which the participants enter the discussion and the order in which they are switched OFF is reversed, when a new 'speak' request comes in.

Sound Control Mode: In this mode, microphones are voice-activated for hands-free experience.

Chairman Mode: In this mode, only the chairman can communicate. All other delegates are muted.

Discussion Mode: In this mode, the camera tracks the last microphone unit that was manually switched on.

Auto Mode: In this mode, the camera tracks the microphone unit that detects voice input.

All On Mode: In this mode, all microphone units are activated simultaneously with no limit of the number of open microphones.

Record Meetings On-the-Go!



The Vāk 50 system features a built-in USB MP2 recorder to capture the proceedings of the meeting. The files are saved in a sequential order on to external flash based storage devices (pen/thumb drives).

Now say goodbye to taking minutes of the meeting and focus only on the discussion!

Vāk 50.c Chairman Unit & Vāk 50.d Delegate Unit



- Compact and classy microphone units.
- Clear 2" colour screen that displays time details, microphone ON/OFF status and unit ID.
- High quality capsule for clear voice pickup.
- 3.5mm headphone output with volume control.



Vāk 50 System Components



Vāk 50.s System Controller



Vāk 50.c & Vāk 50.d Base Unit



Vāk 50.gm1 Gooseneck Microphone



Vāk 50.sm1 Shortneck Microphone



Vāk 50.e Extender Unit

Vāk 50.s (Main Controller)	
Frequency Response	100Hz-15kHz
Signal to Noise Ratio	>90dB
Output Connector	Line: XLR x 1, RCA x1, TEL: RCA x 1
Power Supply	AC 220 V, 50 Hz
Dimension (W x D x H) mm	483 x 326 x 90
Net Weight (Kg)	5.5

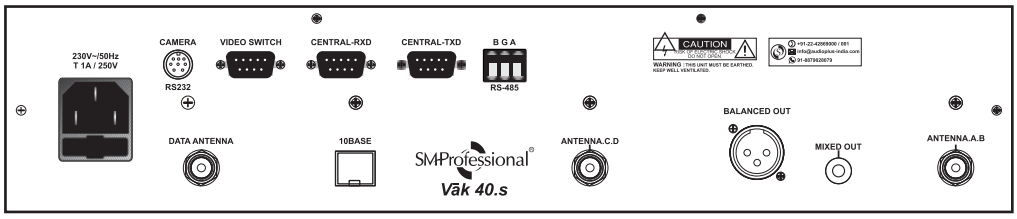
Vāk 50.c (Chairman) and Vāk 50.d (Delegate)	
Frequency Response	100Hz-10KHz
Connection	RJ45
Length of MIC Tube	215mm(Shortneck)/540mm(Gooseneck) 2 Bends
Max. Current Consumption	60mA
Dimension (W x D x H) mm	148 x 124 x 60 (Base)
Net Weight (Kg)	0.75

Vāk 40 Wireless Conference System with Camera Tracking & Digital Voting

The Studiomaster Professional Vāk 40 is a fully wireless conferencing system with camera tracking, digital voting, and much more. Integrating state-of-the-art Digital Signal Processing technologies, premium-grade hardware, unmatched interoperability, and an easy user interface, the Vāk 40 series is geared to deliver a powerful, and intuitive wireless conferencing experience.

Vāk 40.s Main Controller





UHF **FULLY WIRELESS** | Touch screen **INTUITIVE INTERFACE** | REC **USB MP3 RECORDER** | **CAMERA TRACKING** | **DIGITAL VOTING**

- Professional wireless conference system with 4 operating modes, FIFO / LIFO / Limit / Chairman.
- Highly-flexible and customizable system supporting up to 200 units.
- 10 secure UHF channels with editable frequencies for flexibility in complex applications.
- NOM (Number of Open Microphones) - Supports up to 4 active units.
- Remote microphone ON/OFF and shutdown.
- Built-in USB MP3 recorder with sequential file saving and storage.
- Intuitive camera tracking with industry-standard VISCA and PELCO-D/P protocol compatibility.
- RS-232 and RS-485 camera controller interface.
- Easy sign-in and voting function for streamlined decision making.
- Automatic interference detection and anti-RF for dropout-free performance.
- DSP and noise gate for ambient noise suppression and audio clarity.
- User-friendly interface with responsive LCD touch screen.
- Easy-to-use, no operator required.
- Quick plug-and-play installation.
- Ideal for boardrooms, conference rooms, legislative chambers and other large and complex meeting scenarios.

Ultra Functional Operating Modes

FIFO: It is the order in which the participants enter the discussion and the order in which they are switched OFF (muted), when a new 'speak' request comes in.

LIFO: It is the order in which the participants enter the discussion and the order in which they are switched OFF is reversed, when a new 'speak' request comes in.

Limit: It limits the number of active microphones based on the NOM settings. When activated, no additional microphone units can be switched ON when the maximum OPEN MIC QTY has reached.

Chairman Mode: In this mode, only the chairman can communicate. All other delegates are muted.

Vāk 40.s (Main Controller)	
Frequency Response	45Hz-18kHz ±1dB
Signal to Noise Ratio	>110dB
Output Connector	XLR and ¼" Jack
Power Supply	AC 240V
Dimension (W x D x H) mm	483 x 323 x 90
Net Weight (Kg)	5.1

Vāk 41.c Chairman Unit & Vāk 41.d Delegate Unit

- Classy shortneck microphone with base.



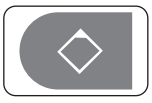
- Large colour touchscreen to view and access key system features.



- Illuminated ON/OFF talk switch.



- Priority switch on the chairman unit to override all delegates during a discussion.



- **Power supply options: Removable rechargeable battery or USB type-C connector (cable supplied).**



- Fully wireless for flexibility in fixed and mobile applications.







Need Water?



Tea or Coffee?



Any Other Help?



Just Press a Button!



- Quick and easy "Service Call" feature to request service discreetly during meetings.

Vāk 40.c Chairman Unit & Vāk 40.d Delegate Unit

- Sleek and classy 21" 2-bend gooseneck microphone with base.



- High-quality condenser microphone capsule for superior voice reproduction.



- LED ring to indicate 'Mic Active' status.



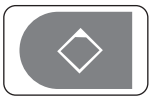
- Clear 2" TFT colour screen displays microphone ON/OFF status, connectivity status, selected channel number, unit ID, battery level, microphone ON time and analogue watch dial.



- Illuminated ON/OFF talk switch.



- Priority switch on the chairman unit to override all delegates during a discussion.



- **Power supply options: Removable rechargeable battery or USB type-C connector (cable supplied).**



- Fully wireless for flexibility in fixed and mobile applications.





Vāk 40.c (Chairman) and Vāk 40.d (Delegate)	
RF Power Output	15mW
Bandwidth	30MHz
Power Supply	3.7V DC
Length of MIC Tube	21" / 533mm (2 Bends)
Dimension (W x D x H) mm	160 x 138 x 49
Net Weight (Kg)	0.75

Vāk 41.c (Chairman) and Vāk 41.d (Delegate)	
RF Power Output	15mW
Bandwidth	30MHz
Power Supply	3.7V DC
Length of MIC Tube	215mm
Dimension (W x D x H) mm	148 x 124 x 60
Net Weight (Kg)	0.75

Vāk 30 Wireless Conference System

The Vāk 30 is our high-quality, versatile, and economical wireless conference system with ultra-functional operating modes that brings order and convenience to small and mid-sized gatherings, conferences, and other meeting scenarios. Designed for plug-and-play installation, the Vāk 30 is the quickest way to empower a wireless conferencing experience in fixed and mobile applications.

Vāk 30.s Main Controller



- Professional wireless conference system with two operating modes: Chairman and FIFO.
- Highly-flexible and customizable system supporting up to 50 units.
- NOM (Number of Open Microphones) - Supports upto 3 active units.
- 20 UHF channels
- Built-in MP3 recorder with sequential file saving and storage.
- Balanced XLR and ¼" jack audio output.
- User-friendly interface with LCD display.
- Easy-to-use, no operator required.
- Quick plug-and-play installation.

Ultra Functional Operating Modes

Chairman Mode: In this mode, only the chairman can communicate. All other delegates are muted.

FIFO Mode: It is the order in which the participants enter the discussion and the order in which they are switched OFF. When a new 'Speak' request comes in, the first entered MIC shuts off or is muted.

Record Meetings On-the-Go!



The Vāk 30 system features a built-in USB MP3 recorder to capture the proceedings of the meeting. The files are saved in a sequential order on to external flash-based storage devices (pen/thumb drives).

Now say goodbye to taking minutes of the meeting and focus only on the discussion!

Vāk 30.c Chairman & Vāk 30.d Delegate Units



- Detachable and flexible 21", 2-bend gooseneck microphone with base.
- High-quality microphone capsule ensures great voice reproduction.
- LED indicator ring on the microphone to indicate 'Mic Active' status.
- LED screen displays ON/OFF status, battery level, connected MIC number, selected channel number and unit ID.
- Illuminated ON/OFF talk switch.
- Priority switch on the chairman unit to override all delegates during a discussion.
- **Power up the delegate and chairman units using either batteries or the supplied adaptor.**
- Fully wireless for flexibility in fixed and mobile applications.

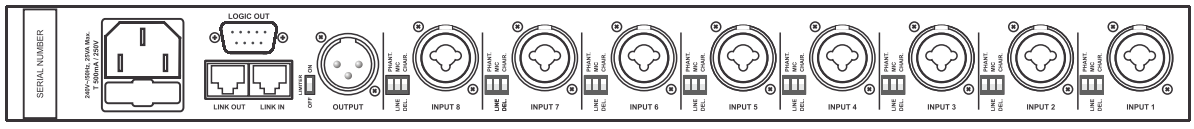
Vāk 30.s (Main Controller)	
Frequency Response	45Hz-18kHz ± 3dB
Signal to Noise Ratio	>105dB
Output Connector	1 XLR and ¼" Jack
Power Supply	DC 12V
Dimension (W x D x H) mm	482 x 225 x 44
Net Weight (Kg)	2.4

Vāk 30.c (Chairman) and Vāk 30.d (Delegate)	
RF Power Output	15mW
Bandwidth	30MHz
Power Supply	2 x 1.5V AA Alkaline Batteries or 12V DC
Length of MIC Tube	21" / 533mm (2 Bends)
Dimension (W x D x H) mm	170 x 120 x 44 (Microphone Base)
Net Weight (Kg)	1

Vāk 20 Automatic Conference Mixer

The Vāk 20 is our unique dedicated conference automatic mixer that allows connectivity via any standard microphone. Loaded with a host of essential features, the Vāk 20 delivers an intuitive auto-mixing experience in boardrooms, conference rooms, and other meeting applications.





Inputs
Allows any standard microphone to be connected in conference mode.

NOM
NOM (Number of Open Mics) based gain attenuation.

Infinite Linking
Link as many VāK 20 units as required using standard CAT5 cables and RJ45 connectors.

Input Section

- 8 mic/line channels with combo XLR-Jack input connectors.
- Delegate or Chairman mode selectable on each channel.
- Mic/line switchable per channel.
- Switchable +48V phantom supply on each channel.
- Signal clip indicator and active LED on each channel.

Control Section

- **NOM (Number of Open Microphones) - Supports up to 6 active microphones.**
- Logic out to control cameras/speakers.

Output Section

- Balanced XLR output.
- Limiter switch on the output.

Master Section

- Noisy, Normal, Quiet settings for ambient noise compensation.
- LF / HF cut switches.

Technical Specifications	Vāk 20
Input Impedance (Mic / Line)	4K Ω / 30K Ω
Output Impedance	200 Ω
Nominal Input Level (Mic / Line)	-61dBu / 17dBu
Nominal Output Level	0 dBu
Frequency Response	20Hz-20kHz @ -3dB
Selectable Filter	LF Cut @ 50Hz / HF Cut @ 8kHz
Microphone Phantom	+48 V DC
Power Supply	240V AC, 100mA, max
Dimensions (W x D x H) mm	482 x 152 x 44 (1U)
Net Weight (Kg)	2.5

Suggested Vāk 20 Conference setups

Wireless System

*** XR 100 4C**



Wired (Using Gooseneck Mics)

*** Flex 4 Set**



Multi Mic

*** Multi Microphones**



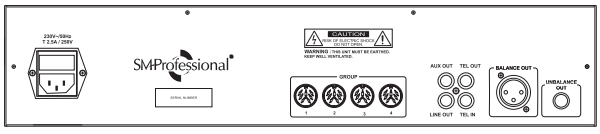
*** To Be Purchased Separately.**

Vāk 10 Professional Conference System

The multi-functional Vāk 10 Conference System integrates sophisticated state-of-the-art Digital Signal Processing technology with high-quality hardware to bring you the most unique, simple and user-friendly conference system currently available. Designed to be versatile, the Vāk 10 system facilitates smooth discussions in meeting spaces in educational institutions, corporates, councils halls, legislative assemblies, and much more.

Vāk 10.s Controller





- Highly-flexible and customizable system supporting 4 Chairman and 160 Delegate Units.
- **4 Channels - Each channel supports 40 delegate units (total 160 units) and up to 4 chairman units.**
- **NOM (Number of Open Microphones) - Supports up to 8 active delegate units.**
- NOM-based gain adjustment.
- Intelligent algorithm and DSP audio processing system.
- Fully-automatic, no operator required.
- User-friendly interface with LCD display.
- Balanced XLR and ¼" jack master output.
- AUX and line output for recording or monitoring.
- Output signal level controls.
- 19" 2U design for easy rack mounting.

Ultra Functional Operating Modes

Manual Mode: In this mode, all controls are manually operable subject to the NOM set. The maximum NOM in this system is 8. This feature helps to regulate meetings easily.

FIFO and LIFO: FIFO (First In First Out) and LIFO (Last In First Out) are ultra-flexible and adjustable modes in which the participant enters or exits a discussion.

Automatic Fixed Time Mode: In this mode, each person gets an allotted time to speak and is muted when the allotted time is completed. This mode is ideal for voting-based applications.

Fully Voice Operated Mode /Hands-Free Mode: This mode is fully automatic and is activated by voice; hence no hands are required to participate.

Vāk 10.c Chairman & Vāk 10.d Delegate Units



- Detachable and flexible gooseneck microphone.



- High-quality Panasonic® microphone capsule ensures good voice reproduction.



- LED indicator on the microphone to indicate 'Mic Active' status.



- Built-in speaker with level control.
- 2 separate headphone outputs.



- On/Off Talk switch.



- Priority switch to override all delegate units on the Vāk 10.c
- Unique interrupt mode*.



* In any discussion mode when the priority switch on the chairman unit is pressed, it merely interrupts the discussion temporarily. The active delegate units resume their prior status once the chairman releases the priority switch.

Technical Specifications	Vāk 10.s	Technical Specifications	Vāk 10.c & Vāk 10.d
Frequency Response	100Hz-14.5kHz	Frequency Response	100Hz-10kHz
Signal to Noise Ratio	81dB	Signal to Noise Ratio	70dB
Connector for Delegate/Chairman unit	8P-DIN x 4	Connection	Round 8P-DIN x 2 M
Audio Output	RCA x 2, ¼" Jack x 1, XLR x 1	Sensitivity	-50dB/Pa
Audio Input/Output (TEL)	RCA x 2	Length of Cable	2.1m
Dimension (W x D x H) mm	483 x 323 x 90	Dimension (W x D x H) mm	160 x 175 x 65 / Mic: 533 (L)

ARC Series Installation Amplifiers

The Studiomaster Professional ARC series installation amplifiers offer versatile features and outstanding value for general public address and installed sound applications such as schools, offices, restaurants, shops, factories, houses of worship, and large meeting rooms.

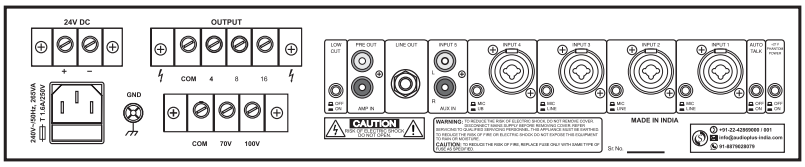
For use with either 70V / 100V or 4Ω / 8Ω / 16Ω output!

4 Balanced Mic/Line Inputs (Combo jacks)



3 Balanced Mic/Line Inputs (Combo jacks) + 1Mic / USB + Recorder & Bluetooth







High quality Media player on board with Recorder and Bluetooth.

*** Only on UB Models.**

USB SD mp3 REC Bluetooth

Common Features

- Professional 19" rack mounted amplifier/mixer.
- 1 Auxiliary (stereo summing) input.
- Bass/Treble and Master controls on the front panel.
- Switchable phantom power for CH 1 mic input.
- Low cut switch on the rear panel.
- 24V DC operation.
- **Vox Priority on channel 1 overrides all other input signals when activated.**
- LED indicators for power on, signal and clip.
- Pre out and Amp in (Send/Return) to connect external EFX processors.
- Auxiliary line out to connect to a booster amplifier.

Technical Specifications		ARC 120A	ARC 120UB	ARC 240A	ARC 240UB
Power Output	10% THD	160W RMS		325W RMS	
	5% THD	150W RMS		300W RMS	
	1% THD	120W RMS		240W RMS	
	Max	200W		400W	
Inputs		4 Mic/Line	3 Mic/Line + 1 Mic/USB + Bluetooth	4 Mic/Line	3 Mic/Line + 1 Mic/USB + Bluetooth
Output Connectivity		min 4 Ω, 8 Ω, 16 Ω, 70V, 100V			
Line Out		1V/600 Ω			
Pre Out		1V/600 Ω			
Input 1–4		Mic 1.5 mV/1.5kΩ switchable to Line 300mV/14kΩ; XLR, balanced			
Aux		300mV/50kΩ; RCA, unbalanced			
Frequency Response		80Hz-15kHz, ±3dB			
Sound to Noise Ratio		> 75dB			
Tone control					
Bass		+6dB/-10dB @ 100Hz			
Treble		±10dB @ 10kHz			
External DC Supply		24V/9A		24V/12A	
Dimensions (W x D x H) mm		482 x 305 x 95 (2U)		482 x 320 x 95 (2U)	
Net Weight (Kg)		10.6		11.7	

ARC 406Z 6 Channel Matrix Zone Amplifier

The Studiomaster Professional ARC 406Z is a high quality 6 channel matrix zone amplifier. Featuring 6 individual amp modules, ample matrix zone routing options, multiple output power taps and more, the ARC 406Z is geared to tackle complex install, PA and other sound reinforcement applications.





- 6 x Individual zone inputs with amplification & martix zone routing
- 2 x versatile mono/stereo (MON:STER) line inputs
- **Vox Priority overrides all other inputs when activated.**
- 6 x ¼" line outputs to connect booster amplifiers
- Secure 4-pin Euro speaker output connectors

*** Speaker output taps: 70V / 100V or 8Ω**

Technical Specifications		ARC 406Z
Power Output	1% THD	6 x 50W
	Max	6 x 70W
* Outputs Speakers		Min 8Ω, 70V, 100V
Line Input		0.775V/10KΩ
Frequency Response		150 –15000Hz, ±3dB
THD		1%
S/N ratio		> 80dB
Operating temperature		0 – 40 °C
Mains voltage		240V~/50Hz
Fuse Rating		T 3.15A/250V
Power consumption		500W Max
Dimensions (W x D x H)mm		482 x 362 x 98
Net Weight (Kg.)		13.5

ZA 800 Multi Input Stereo Mixer - Amplifier

The Studiomaster Professional ZA 800 is a professional multi input stereo mixer-amplifier rated to deliver 2 x 250W (4Ω) or 2 x 165W (8Ω). Featuring built-in USB/SD/MMC MP3 media player & recorder with Bluetooth & FM, multiple inputs and outputs, abundant routing options, VOX priority and more, the all-in-one system is ideal for a wide range of install, PA, BGM and other versatile sound reinforcement applications.





MEDIA PLAYER

USB SD MP3 Playback REC Recording Bluetooth

USB/SD MP3 Media Player + Recorder & Bluetooth

POWER OUTPUT

(TRUE RMS)

4Ω 2 x 250W | 8Ω 2 x 165W

INPUTS & OUTPUTS

PAGING MIC SYSTEM	STEREO LINE INPUTS	BACKGROUND MUSIC	LINE OUTPUTS	SPEAKER CONNECTORS
¼" Mic Input with VOX Priority	¼" Stereo Line Input	2 x Stereo RCA Line Inputs	Connect Booster Amp or Subwoofer	Secure Screw Type Speaker Terminals

CONTROL & ROUTING

LEVEL CONTROLS	SOURCE ROUTING	TONE CONTROL	MASTER CONTROL
Individual Mic/Line/BGM Level Controls	Quick Music Source Selection	2-Band Master EQ	Individual L/R Master Level Control

• Vox Priority on channel 1 overrides all other inputs when activated.

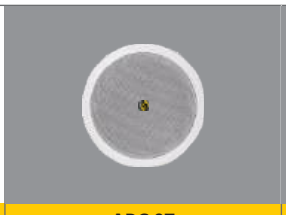
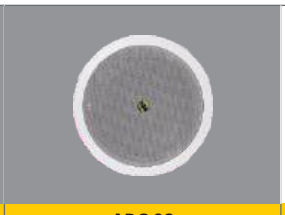
ARC Series Architectural Speakers

The Arc series range of installation speakers have been designed for every architectural, aesthetic, structural, and performance requirement. The series is housed in compact forms that fit into tight spaces, corners and all the variables that contractors can throw at you!

Now boldly offer solutions to cover the most demanding architectural requirement!

For use with either 70V / 100V or 8Ω / 16Ω output!

Most Arc speakers come with a voltage tap switch and are supplied with appropriate mounting brackets.

				
Technical Specifications	**ARC 07**	**ARC 08**	**ARC 20**	**ARC 22**
Type	Ceiling Mount	Ceiling Mount	Wall Mount	Wall Mount
Speaker Units	6" woofer	8" woofer	3" woofer & 1" tweeter	4" coaxial
Rated Power	6W	15W	20W	20W
Power Tap Selection	6W / 3W	15W / 7.5W	20W / 10W / 5W / 2.5W, 8Ω	10W / 20W / 16Ω
Frequency Response	100Hz-15kHz	125Hz-13kHz	90Hz-20kHz	95Hz-20kHz
Input Voltage (Max)	100V	100V	100V	100V
Sensitivity	93 ± 3dB (1W, 1M)	90 ± 3dB (1W, 1M)	85 ± 3dB (1W, 1M)	85 ± 3dB (1W, 1M)
Cabinet Material	ABS	ABS	ABS	ABS
Dimensions (W x D x H) mm	Ø188 x 76	Ø226 x 90	112 x 122 x 193	128 x 128 x 131
Net Weight (Kg)	0.7	0.85	1.5	1.35
Colour	White	White	Black	Black







					
Technical Specifications	**ARC 32**	**ARC 40**	**ARC 60**	**ARC 90**	**ARC G1**
Type	Wall Mount	Wall Mount	Wall Mount	Wall Mount	Ground Mount
Speaker Units	4" woofer & 1" tweeter	6" woofer and 1" tweeter			3" woofer
Rated Power	30W	40W	60W	90W	30W
Power Tap Selection	30W / 15W / 7.5W / 3.75W / 1.9W, 8Ω	40W / 20W / 10W / 5W , 8Ω	60W / 30W / 15W / 7.5W, 8Ω	90W / 45W / 22.5W/ 11.25W, 8 Ω	15W / 30W
Frequency Response	100Hz-20kHz	900Hz-20kHz	80Hz-20kHz	80Hz-20kHz	130Hz-10kHz
Input Voltage (Max)	100V/70V	100V/70V	100V	100V	100V
Sensitivity	88 ± 3dB (1W, 1M)	87 ± 3dB (1W, 1M)	91 ± 3dB (1W, 1M)	91 ± 3dB (1W, 1M)	85dB
Cabinet Material	ABS	ABS	ABS	ABS	ABS
Dimensions (W x D x H) mm	148 x 172 x 250	195 x 213 x 310	213 x 218 x 311	208 x 213 x 310	Ø240*340H mm
Net Weight (Kg)	2.5	3.7	4.4	5.2	4.7
Colour	Black	Black	Black	Black	Green

ARC 55OD Wall Mount Outdoor Speaker



- High quality weatherproof wall mounting speaker for both indoor & outdoor applications.
- **IP66 rating for high dust & splash resistance.**
- High-quality weather-resistant ABS enclosure.
- Built-in power tap selection switch.
- Clear sound reproduction.
- **Supplied with rust-proof and abuse-resistant glass fibre mounting brackets for secured long-term installation.**

Technical Specifications	ARC 55 OD
Speaker Type	Wallmount Outdoor Speaker
Speaker Units	6.5" Woofer & 1" Dome HF Driver
Rated Power	50W
Power Tap Selection	50W / 25W/ 12.5W/ 6.25W / 3.1W, 8Ω
Frequency Response	70Hz-18kHz; ±3dB
Input Voltage (Max)	100V
Sensitivity	90dB
Cabinet Material	ABS
IP Rating	IP66
Dimensions (W x D x H)mm	209 x 185 x 294
Net Weight (Kg)	3.6

Flex 1 21" Gooseneck Microphone with Base



- High sensitivity allows superior vocal reproduction.
- Balanced XLR connector.
- Supplied with Microphone Base with On/Off Switch & LED.
- Sleek and unobtrusive design.
- High gain before feedback.
- LED indicator on microphone to indicate "Mic Active" status.
- **Works on external +48V phantom supply or 2 AAA batteries.**

Technical Specifications	Flex 1
Type	Electret Condenser
Frequency Response	50Hz-17kHz
Polar Pattern	Cardioid
Sensitivity	-43dB
Impedance	70 Ω
Connector	XLR
Power Requirement	+48V Phantom Power / 2 x 1.5V AAA Batteries

Flex 3 Set 21" Gooseneck Microphone with Base



- Sleek and unobtrusive design.
- Balanced XLR connector.
- High sensitivity allows superior vocal reproduction.
- High gain before feedback.
- LED indicator on microphone to indicate "Mic Active" status.
- Features a microphone base with On/Off switch and LED.
- **Works on external +48V phantom supply or 2 x AAA batteries.**

Technical Specifications	Flex 3 Set
Type	Electret Condenser
Frequency Response	30Hz-18kHz
Polar Pattern	Cardioid
Sensitivity	-36dB
Impedance	75 Ω
Connector	XLR
Power Requirement	+48V Phantom Power / 2 x AAA Batteries

Flex 4 Set 21" Gooseneck Microphone with Base



- Sleek and unobtrusive design.
- **Anti Mobile and RF interference technology.**
- High sensitivity allows superior vocal reproduction.
- High gain before feedback.
- Switchable low cut to minimize hum and thumps.
- Works on external +48V phantom supply.
- Balanced XLR connector.
- Features a microphone base with On/Off switch and LED.

Technical Specifications	Flex 4 Set
Type	Electret Condenser
Frequency Response	20Hz-20kHz
Polar Pattern	Cardioid
Sensitivity	-40dB
Impedance	280 Ω
Connector	XLR
Power Requirement	11-52V DC Phantom Power

Economical

Best Value



General Purpose Microphone



General Purpose Microphone



General Purpose Microphone



General Purpose Microphone

Technical Specifications	SM 75XLR	SM 80XLR	SM 100XLR	SM 200XLR
Type	Dynamic	Dynamic	Dynamic	Dynamic
Frequency Response	50Hz-15kHz	50Hz-15kHz	50Hz-11kHz	50Hz-11kHz
Polar Pattern	Cardioid	Cardioid	Cardioid	Cardioid
Sensitivity (at 1kHz)	-58dB ±3dB	-53dB ±3dB	-62dB ±3dB	-70dB ±3dB
Nominal Impedance	600 Ω	600 Ω	500 Ω	500 Ω
Connector	3-pin XLR male	3-pin XLR male	3-pin XLR male	3-pin XLR male
Accessories Included	Mic Holder, 4M XLR-F to Jack cable, Microphone Pouch		6.5M XLR-Jack cable, mic holder, plastic case	

Best Value

Instrument



Pack of Three SM 100XLR



Pack of Three SM 200XLR



Instrument Microphone

Technical Specifications	TRIO100	TRIO200	SM 300I
Type	Dynamic	Dynamic	Dynamic
Frequency Response	50Hz-11kHz	50Hz-11kHz	100Hz-15kHz
Polar Pattern	Cardioid	Cardioid	Hyper Cardioid
Sensitivity (at 1kHz)	-62dB ±3dB	-70dB ±3dB	-72dB ±3dB
Nominal Impedance	500 Ω	500 Ω	600 Ω
Connector	3-pin XLR male	3-pin XLR male	3-pin XLR male
Accessories Included	Mic holder, plastic case	Mic holder, plastic case	6.5M XLR-Jack cable, mic holder, plastic case

High Performance

	 Vocal Microphone	 Vocal Microphone	 Vocal Microphone
Technical Specifications	**SM 400XLR**	**SM 450XLR**	**SM 500XLR**
Type	Dynamic	Dynamic	Dynamic
Frequency Response	40Hz-16kHz	40Hz-17kHz	50Hz-15kHz
Polar Pattern	Super Cardioid	Super Cardioid	Super Cardioid
Sensitivity (at 1kHz)	-52dB ±3dB	-52dB ±3dB	-50dB ±3dB
Nominal Impedance	600 Ω	600 Ω	350 Ω
Connector	3-pin XLR male	3-pin XLR male	3-pin XLR male
Accessories Included	6.5M XLR mic cable, mic holder	6.5M XLR mic cable, mic holder	6.5M XLR mic cable, leatherette pouch, mic holder, plastic case

Premium Quality

	 Vocal Microphone	 Vocal Microphone	 Cardioid Microphone	 Cardioid Microphone
Technical Specifications	**SM 590C**	**SM 600XLR**	**SM 650XLR**	**SM 700XLR** NEW
Type	Condenser	Dynamic	Dynamic	Dynamic
Frequency Response	30Hz-18kHz	30Hz-16kHz	30Hz-17kHz	30Hz-17kHz
Polar Pattern	Super Cardioid	Super Cardioid	Cardioid	Cardioid
Sensitivity (at 1kHz)	-36dB ±3dB	-50dB ±3dB	-49dB ±3dB	-49dB ±3dB
Nominal Impedance	200 Ω	350 Ω	300 Ω	350 Ω
Connector	3-pin XLR male	3-pin XLR male	3-pin XLR male	3-pin XLR male
Accessories Included	6.5M XLR mic cable, leatherette pouch, mic holder, plastic case			6.5M XLR mic cable, mic holder, Aluminium carry case
Colour Available	Black / Silver	-	Black / Silver	Black / Silver
Special Features	Benefits of Super Cardioid + Condenser • Amazing sensitivity & Clarity • Detailed on-axis pickup and high off-axis noise rejection • Ultralight and rugged Zinc alloy body	3 operational modes: • Low Frequency cut: -5dB (at 100Hz) • Flat response • -7dB attenuation	Advantages of Cardioid: • Uniform pickup. • More gain. • Wider frequency response. • Versatile application	Advantages of Cardioid: • Uniform pickup. • More gain. • Wider frequency response. • Versatile application

XR 100 Series 4 Channel UHF Wireless Microphone System



- **4 transmitters (microphones) can be used at the same time with one receiver.**
- Individual channel frequency display on the receiver and transmitter.
- Individual channel volume controls.
- Individual channel XLR out and ¼" jack mix out.

Technical Specifications		XR 100 Series
Receiver		4 Channel Non-Diversity
Frequency Response		50Hz-16kHz
Polar Pattern (Microphones)		Cardioid
Output		Individual Channel: XLR Mix out: ¼" jack
Power Req.	Hand & Lapel (Mic)	2 x 1.5V AA
	Receiver	240V AC / 50Hz Adaptor (supplied)

Models Available:

XR 100 4H
(4 Handheld)



XR 100 2HL
(2 Handheld, 2 Lapel)



XR 100 4L
(4 Lapel)



XR 100 4C
(4 Conference)



XR 100 HCL
(2 Handheld, 1 Conference & 1 Lapel)



XR 40® Series Duet UHF Wireless Microphone System



A New Generation With Upgraded Features...

- **Clear Colour Display On Receiver.**



- **Heavy Duty Metal Body Handheld Microphones.**



- **Durable Plastic Carry Case.**



- Two microphones can be used at the same time.
- Individual channel output with level controls and mix output.
- Balanced XLR and unbalanced ¼" output.
- Display for frequency indication.

Technical Specifications		XR 40® Series
Receiver		Dual Channel Non-Diversity
Frequency Response		50Hz-16kHz
Polar Pattern (Microphones)		Cardioid
Output		Individual Channel: XLR Mix out: ¼" jack
Power Req.	Hand & Lapel (Mic)	2 x 1.5V AA
	Receiver	240V AC / 50Hz Adaptor (supplied)

Models Available:

XR 40® HH
(Handheld + Handheld)



XR 40® HL
(Handheld + Lapel)



XR 40® LL
(Lapel + Lapel)





XR 40® CC
(Conference + Conference)



XR 40® HC
(Handheld + Conference)

XR 50 Series Dual UHF Wireless Microphone System

The XR 50 Series, professional Dual UHF Wireless Microphone System. Engineered for superior sound pickup and flaunting a rugged metal build quality, the feature-packed system is ideal for a wide variety of touring, install, PA and other versatile sound reinforcement applications.



- High Quality Dual Channel UHF Wireless Microphone System.
- Two Microphones Can Be Used at the Same Time.
- Anti Mobile & RF Interference Technology.
- Clear Backlit Display for Frequency, Channel, Volume, RF & AF Level LED Indication.
- Tactile Switches for Volume Control & Mute on the Receiver.
- Balanced XLR (Individual Channels) & Unbalanced ¼" Jack (Mix) Outputs.
- **Robust Metal Housing for Receiver & Handheld Microphone.**

- **Ships in a Shock-resistant Road-ready Durable Plastic Carry Case.**



Technical Specifications		XR-50 Series
Receiver		Dual UHF
Frequency Response		50Hz-16kHz
Polar Pattern (Microphones)		Cardioid
Output		Individual Channel: XLR Mix out: ¼" jack
Power Req.	Hand & Lapel (Mic)	2 x 1.5V AA
	Receiver	240V AC / 50Hz Adaptor (supplied)

Models Available:

XR-50 HH
(Handheld + Handheld)



XR-50 HL
(Handheld + Lapel)



XR-50 LL
(Lapel + Lapel)



XR 80 Series Duet UHF Wireless Microphone System



- **200 selectable UHF channels.**
- Two microphones can be used at the same time.
- Individual channel output with level controls and mix output.
- Display for frequency indication.
- **Easy setup with Infrared (IR).**

Technical Specifications		XR 80 Series
Receiver		Dual Channel Non-Diversity
Frequency Response		40Hz-16kHz
Polar Pattern (Microphones)		Cardioid
Output		Individual Channel: XLR Mix out: ¼" jack
Power Req.	Hand & Lapel (Mic)	2 x 1.5V AA
	Receiver	240V AC / 50Hz Adaptor (supplied)
Models		XR 80 HH (Handheld + Handheld) XR 80 HL (Handheld + Lapel) XR 80 LL (Lapel + Lapel) XR 80 CC (Conference + Conference)

Models Available:

XR 80 HH



XR 80 HL



XR 80 LL



XR 80 CC



XR 60 Series Single UHF Wireless Microphone System



- **200 selectable UHF channels.**
- **Easy setup with Infrared (IR).**
- Balanced XLR and unbalanced ¼" output with level control.
- Display for AF level, RF level, channel and frequency indication.

Technical Specifications		XR 60 Series
Receiver		Single Channel Non-Diversity
Frequency Response		40Hz-16kHz
Polar Pattern (Microphones)		Cardioid
Output		Balanced XLR and Unbalanced ¼" Jack
Power Req.	Hand & Lapel (Mic)	2 x 1.5V AA
	Receiver	240V AC / 50Hz Adaptor (supplied)
Models		XR 60 H (Handheld) XR 60 L (Lapel)

Models Available:

XR 60 H



XR 60 L



XR 20 Series Single UHF Wireless Microphone System



- Balanced XLR and unbalanced ¼" output with level control.
- Display for frequency indication.
- Professional 21" gooseneck microphone (XR 20 C).
- LED ring to indicate 'Mic Active' status (XR 20 C).

Technical Specifications		XR 20 Series
Receiver		Single Channel Non-Diversity
Frequency Response		50Hz-16kHz
Polar Pattern (Microphones)		Cardioid
Output		Balanced XLR and Unbalanced ¼" Jack
Power Req.	Hand & Lapel (Mic)	2 x 1.5V AA
	Receiver	240V AC / 50Hz Adaptor (supplied)
Models		XR 20 H (Handheld) XR 20 L (Lapel) XR 20 C (Conference)

Models Available:

XR 20 H



XR 20 L

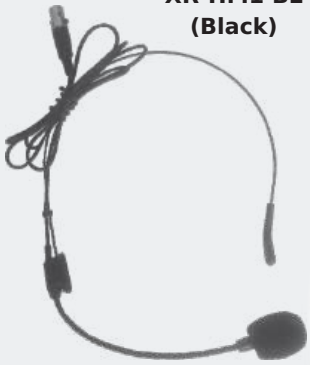


XR 20 C



XR-HM1 High-quality Headworn Microphone System

XR-HM1 BL (Black)



XR-HM1 SK (Skin Colour)



Lightweight Comfortable and design.

Unidirectional pickup pattern.

Exceptional vocal clarity.

Long 1.5 meter cable

Secure 3pin mini-XLR connector

Works with all XR series bodypack transmitters.

Model	XR-HM1
Sensitivity	-44 ± 2dB (6.3mV/Pa)
Frequency Response	20Hz-20kHz
Nominal Impedance	2.2KΩ
Operation Voltage	1.0V-10V
Signal to Noise Ratio	>58dB

- Ideal for presentations, live performances, singing, speech, classrooms, houses of worship and mobile PA applications etc.



TR-44 Series Dual UHF Wireless Microphone System



- **Up to 200 selectable frequencies.**
- Easy setup via Infrared (IR).
- Two microphones can be used at the same time.
- Anti mobile & RF interference technology.
- **Clear backlit LCD colour display for frequency, channel, RF, AF & battery level indication.**
- Tactile switches for frequency adjustment, sync, set & volume control.
- **Frequency lock option to minimise tampering during operation.**
- Balanced XLR & unbalanced ¼" jack outputs.
- **Premium, robust & attractive metal housing.**

Technical Specifications		TR-44 Series
Receiver		Dual Channel
Frequency Response		50Hz-15kHz
Polar Pattern (Microphones)		Cardioid
Output		Balanced XLR and Unbalanced ¼" Jack
Power Req.	Hand & Lapel	2 x 1.5V AA
	Receiver	12VDC Adapter, 240V AC 50Hz
Models		TR-44 HH (Handheld + Handheld) TR-44 HL (Handheld + Lapel) TR-44 LL (Lapel + Lapel)

Models Available:

TR 44 HH
(Handheld + Handheld)



TR 44 HL
(Handheld + Lapel)



TR 44 LL
(Lapel + Lapel)



TR-70 Series Dual UHF Rechargeable Wireless Microphone System

NEW



- **Integrated Receiver and Charging Dock.**
- **Up to 100 Selectable Frequencies Per Channel.**
- Two Microphones can be Used at the Same Time.
- **Easy Setup via Infrared (IR).**
- Anti Mobile & RF Interference Technology.
- **Display for Frequency, Channel, Battery Status, RF & Audio Level Indication.**
- 3 Selectable Signal Sensitivity Level Selection (H-strong, M - Medium, L - Weak).
- Balanced Mini XLR (Individual Channels) & Unbalanced ¼" Jack (Mix) Outputs.
- Protection Against Accidental Charging of Non-rechargeable Batteries in the Charging Dock.

Technical Specifications	TR-70 Receiver
Carrier Frequency Range	470 – 612 MHz
Frequency Response	50Hz-18kHz
S/N	105dB
THD	< 0.5%
Output	400mV, Unbalanced 1/4" Jack
Power Supply	12VDC Adapter, 240V AC 50Hz
Current Consumption	< 1A

Models Available:

TR-70 HH
(Handheld + Handheld)



TR-70 HL
(Handheld + Lapel)



TR-70 LL
(Lapel + Lapel)



Technical Specifications	TR-70HR & TR-70LR
Type	Dynamic
RF Power	Max 30mW
Frequency response	50Hz-18KHz
Polar Pattern	Cardioid
Power Supply	2 x 1.2V rechargeable NiMH AA battery
Current Consumption	< 130mA

TR-88 Series Professional 4 Channel Wireless Microphone System

NEW



BUILD YOUR OWN SYSTEM: FLEXIBLE WIRELESS MICROPHONE SOLUTION.

- High Quality Four Channel UHF Wireless Microphone System.
- **Up to 200 Total Selectable Frequencies (50 Variable Frequencies For Each Channel).**
- Easy Setup via Infrared (IR).
- Anti Mobile & RF Interference Technology.
- Clear Backlit LCD Display for Frequency, Channel & Battery Level Indication.
- Tactile Switches for Frequency Adjustment, Sync, Set & Volume Control.
- Frequency Lock Option to Minimise Tampering During Operation.
- Balanced XLR (Individual Channels) & Unbalanced ¼" Jack (Mix) Outputs.
- Premium, Robust & Attractive Metal Housing.

Technical Specifications		TR-88 Series
Receiver		Variable
Frequency Response		50Hz-15KHz
Total Harmonic Distortion (1 kHz)		<0.3%
Signal to noise ratio (S/N)		>105dB
Sensitivity		5dBuV
Balanced output (XLR output jack)		250mV/600 Q
Unbalanced output (¼" output jack)		400mV/K3Ω
Power Req.	Hand & Lapel	2 x 1.5V AA
	Receiver	12-16V DC Adapter

System Components



TR-88
Handheld Transmitter



TR-88
Lapel Transmitter



TR-88
Receiver



Carry Case

TR-91 Series Premium True Diversity UHF Wireless Microphone System

TRUE DIVERSITY – PLL SYNTHESIZER

ULTRA LONG OPERATING RANGE

DEPLOY UP TO 128 MIC. UNITS

QUICK INFRARED(IR) SETUP

100 METERS OPERATING RANGE



MULTIPLE RF POWER SELECTIVITY

AUTO SCAN SELECTS BEST AVAILABLE CHANNEL

- True Diversity Single Channel UHF Wireless Microphone System.
- **Deploy up to 128 Microphone Units with 4 Frequency Groups (more than 32 frequencies per group).**
- Ultra Long 100 metres Operating Range (Line Of Sight).
- RF Power Selectivity for Multiple Range Options.
- Quick Infrared (IR) Auto Setup.
- **Auto Scan Selects Best Available Channel for Dropout-free Signal Reception.**
- PLL Phase-locked Loop Frequency Synthesizer Technology for Interference-free Performance.
- TFT Colour Display Shows Frequency RF, AF, & Volume Levels, Squelch & Lock Settings.
- High Quality Detachable Antenna for Superior Transmission and Reception Quality.
- Premium Capsule for Clear Vocal Pickup.
- Balanced XLR & ¼" Jack Output.
- Robust & Abuse-resistant Metal Body on the Transmitter & Receiver.
- Mounting Kit (Metal Ears) Supplied for Secured Installation in Standard 19" Racks.



- **Ships in a Shock-resistant Road-ready Aluminium Carry Case.**

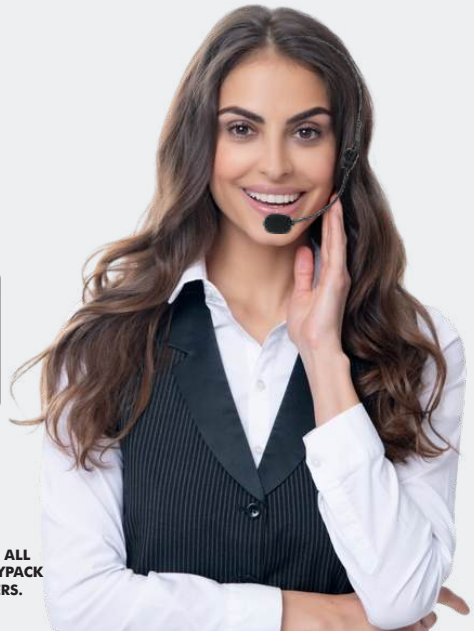
Technical Specifications		TR-91 Series
Receiver		Single Channel True Diversity
Frequency Response		40Hz-16kHz
Polar Pattern (Microphones)		Cardioid
Output		XLR & ¼" Jack
Power Req.	Hand	2 x 1.5V AA
	Receiver	12V DC Adapter, 240V AC 50Hz

TR-HM1 Premium Headworn Microphone TR Series



- Ideal for presentations, live performances, singing, speech, classrooms, houses of worship and mobile PA applications etc.

Model	TR-HM1
Sensitivity	-44 ± 2dB (6.3mV/Pa)
Frequency Response	20Hz-20kHz
Nominal Impedance	2.2KΩ
Operation Voltage	1.0V-10V
Signal to Noise Ratio	>58dB



COMFORTABLE & LIGHTWEIGHT DESIGN

UNIDIRECTIONAL PICKUP PATTERN

EXCEPTIONAL VOCAL CLARITY

LONG 1 METER CABLE FOR ADDED FLEXIBILITY.

TERMINATED WITH 3PIN MINI-XLR.

WORKS WITH ALL TR SERIES BODYPACK TRANSMITTERS.

TR-30 IEM Wireless Stereo In-ear Monitor System

TR-30 IEM, a high-quality professional Wireless Stereo In-ear Monitor System with 16 UHF Channels, Infrared Connectivity & Auto Sync/Set. With multiple gain boost options, stereo/mono switching, a compact bodypack receiver and more, the TR-30 IEM is designed to deliver clear wireless audio monitoring in high noise environments.



HOW IT WORKS



- 16 UHF Channels with PLL Technology
- Infrared Connectivity & Auto Sync/Set
- +10dB Gain Option & Stereo/Mono Switching on the Transmitter
- LED Display & L/R Level Meters
- Front Panel ¼" Headphone output to Monitor Transmitted Signals
- Compact Bodypack Receiver with In-ear Stereo Earphones
- 2 x ¼" Separate Left-Right Inputs
- Low Battery Indicator (Bodypack Receiver)
- Premium Metal Body (Transmitter)
- Designed for Clear Wireless Audio Monitoring in High Noise Environments

Technical Specifications		TR-30 IEM
Frequency Range		UHF Band
Oscillation Mode		PLL Synthesized
Frequency Response		50-15000Hz, ±30dB
THD		<0.5% (AT Max, Deviation Range @ 1KHz)
Frequence Stability		±0.005 %
MAX. S/N Ratio		94dB
Power Req.	Receiver	2 X 1.5V (AA) Batteries
	Transmitter	12V DC
Current Consumption		150mA
Output Jack		3.5mm Stereo Headphone Jack

Model	NT 50 Series	NT 60 Series	BR 28 Series	ER 31 Series	ER 58 Series
	 Powerbank Operation	 Easy Setup via Infrared (IR) | Transmitter Ch. Selecvity | Powerbank Operation			
Type	Single UHF	Single UHF 16 Selectable Channels	Single UHF 8 Selectable Channels	Duet VHF	Single VHF
Polar Pattern	Cardioid				
Output	Balanced XLR and Unbalanced ¼" Jack			Ind Ch.: ¼" Jack Mix out: ¼" Jack	¼" Jack
Power Req.					
Transmitters	2 x 1.5V AA			9V Alkaline Battery	
Receiver	DC 5V with Micro USB connector		240V AC / 50Hz Adaptor (Supplied with the set)		
Models	**NT 50H (Hand)** **NT 50L (Lapel)**	**NT 60H (Hand)** **NT 60L (Lapel)**	**BR28 / BM28 (Hand)** **BR28 / BL28 (Lapel)**	**ER31 / EM31 / EM31 (Hand + Hand)** **ER31 / EM31 / EL31 (Lapel + Hand)**	**ER58 / EM58 (Hand)** **ER58 / EL58 (Lapel + Headset)**

MVC Stabilizers

The MVC series is our range of high-endurance professional manual stablizers in different load variants, specially designed for audio equipment. Engineered and tested keeping the Indian user environment in mind, the stabilizers provide quick, clean, and regulated AC power in environments with unreliable and fluctuating mains supply.

BUILT FOR INDIA!

Manual Voltage Stabilizers

Designed for Audio Equipment

HEAVY DUTY BUILD QUALITY







Model Availables:

- **MVC-3000VA 3KVA / 3000W**
- **MVC-5000VA 5KVA / 5000W**
- **MVC-8000VA 8KVA / 8000W**
- **MVC-10000VA 10KVA / 10000W**
- **MVC-12000VA 12KVA / 12000W**
- **MVC-15000VA 15KVA /15000W**

- High-endurance professional manual stabilizers specially designed for audio equipment.
- Wide input voltage range and powerful load performance for Indian conditions.
- Protection features: over and under voltage, overload and short-circuit.
- Quick stabilization time.
- No waveform distortion.
- Low-noise operation.
- High lifespan and minimal servicing cycle.
- Accurate voltage control.
- Generator compatible.
- Rugged road-ready metal housing.
- Display meter indications: input and output voltage (via selection switch), output current, over and under voltage, load ratio, overload buzzer and power ON delay.
- Ships in a thick abuse-resistant wooden box for easy and safe transportation.

Technical Specifications	MVC 3000VA	MVC 5000VA	MVC 8000VA	MVC 10000VA	MVC 12000VA	MVC 15000VA
Dimensions (L x W x H) mm	280 x 330 x 163	320 x 370 x 163	320 x 370 x 163	380 x 410 x 193	380 x 410 x 193	380 x 460 x 193
Net Weight (Kg)	8.10	11	15.9	18	20.2	24.4

SVC Stabilizers

The SVC series is our range of high-endurance professional automatic servo voltage controlled stablizers in different load variants, specially designed for audio equipment. Engineered and tested keeping the Indian user environment in mind, the stabilizers provide quick, clean, and regulated AC power in environments with unreliable and fluctuating mains supply.

BUILT FOR INDIA!

Automatic Servo Voltage Stabilizers

Designed for Audio Equipment

HEAVY DUTY BUILD QUALITY

Light Load

SVC S1000
1KVA / 1000W



SVC S2000
2KVA / 2000W



SVC S3000
3KVA / 3000W



Medium Load

SVC S5000
5KVA / 5000W



SVC S8000
8KVA / 8000W



Heavy Load

SVC S10000
10KVA / 10000W



SVC S12000
12KVA / 12000W



SVC S15000
15KVA / 15000W

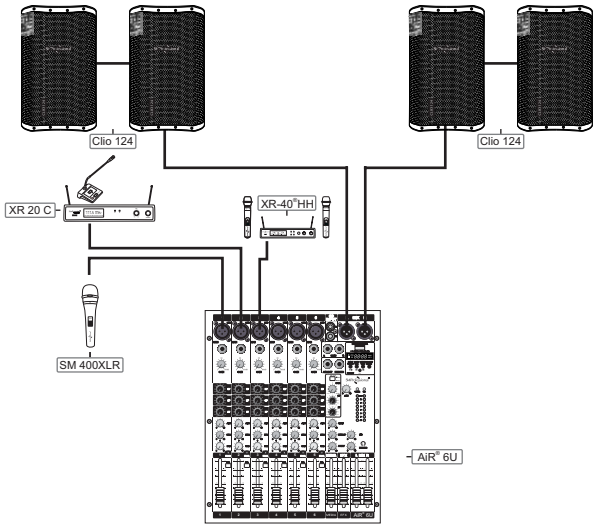


- Specially designed for audio equipment.
- Wide input voltage range for Indian conditions.
- High overload capability.
- Short circuit protection.
- Less than 1 sec stabilization time.
- No waveform distortion.
- Low-noise operation.
- Accurate voltage control.
- Over and under voltage correction (automatically regulates in both conditions).
- Generator compatible.
- Voltmeter displays output voltage so no more 'drop' during bass thumps.
- Current and Volt meter display on the SVC-S5000, SVC-S8000, SVC-S10000, SVC-S12000 and SVC-S15000.
- Digital display on SVC-S12000 and SVC-S15000.

Technical Specifications	SVC S1000	SVC S2000	SVC S3000	SVC S5000	SVC S8000	SVC S10000	SVC S12000	SVC S15000
Dimensions (L x W x H) mm	225 x 215 x 125	315 x 260 x 160	315 x 260 x 160	425 x 380 x 160	425 x 380 x 190	425 x 380 x 190	425 x 380 x 190	425 x 380 x 210
Net Weight (Kg)	5	8.5	11.1	16.3	23.9	26.3	27.6	29.8

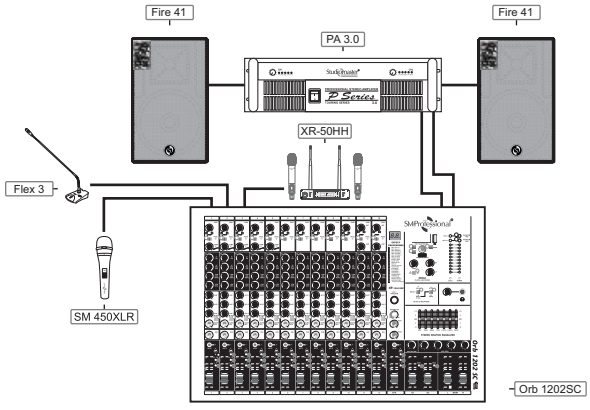
Auditorium Set-up

Small Size Auditorium



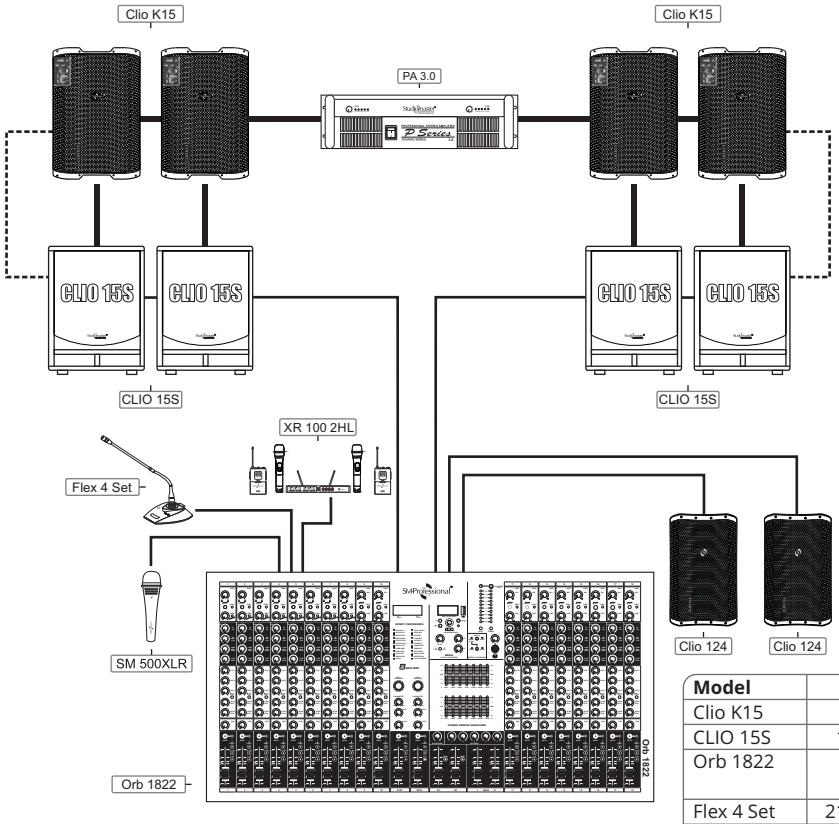
Model	Description	Qty.	Purpose
B 400v2	12” 275W RMS Powered Speaker	4	FOH Speaker
AiR® 6U	6 mic/line + Media Player	1	Mixer
XR 20 C	21” Wireless Gooseneck Microphone	1	Podium
SM 400XLR	Wired Microphone	1	General
XR-40® HH	Duet UHF Handheld Wireless Microphone	1	General Purpose
Optional Products			
15 SUB	15” 800W RMS Powered Subwoofer	1	FOH Speaker
B 200	12” 160W RMS Powered Speaker	1	Monitor

Mid Size Auditorium



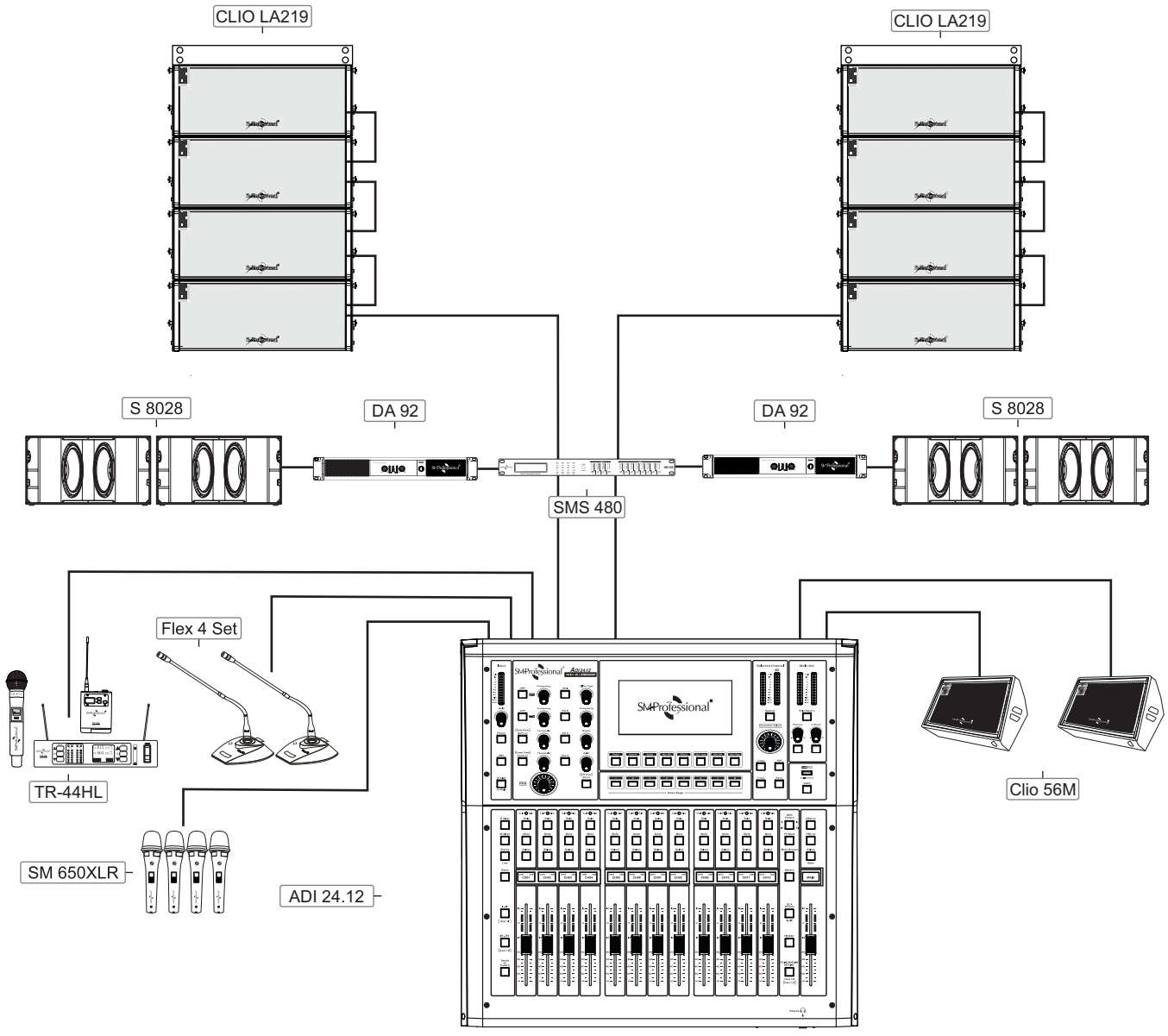
Model	Description	Qty.	Purpose
Fire 41	15” 500W RMS @ 8Ω Passive Speaker	2	FOH Speaker
PA 3.0	Amplifier (2 x 1100W RMS @ 4Ω)	1	For Fire 59
Orb 1202SC	12 Mic / 14 Line inputs + Multi EFX + 2 Subgroups	1	Mixer
Flex 3	21” Gooseneck Microphone with Base	1	Podium
SM 450XLR	Wired Microphone	1	General
XR-50HH	UHF Wireless Microphone	1	General
Optional Products			
Fire 82	18” 1500W RMS @ 8Ω Passive Subwoofer	2	FOH Speaker
PA 7.5	Amplifier (2 x 1550W RMS @ 8Ω)	1	For Fire 82
SX-321	2-Way / 3-Way Stereo Active Crossover	1	For FOH

Mid Size Auditorium



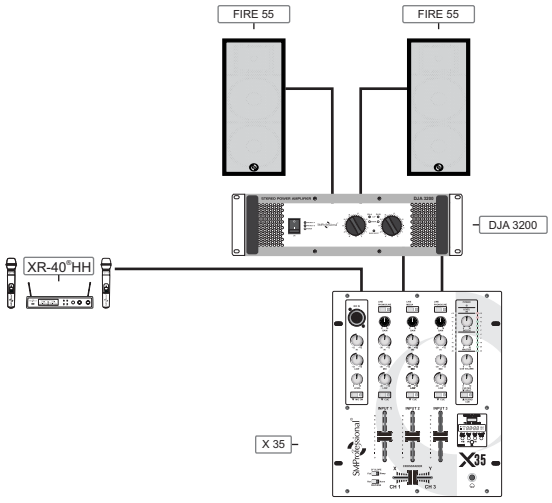
Model	Description	Qty.	Purpose
Clio K15	15” 500W Passive Speaker	4	FOH Speaker
CLIO 15S	15” 800W RMS Powered Subwoofer	4	FOH Speaker
Orb 1822	18 Mic / 20 Line inputs + Multi EFX + 2 Subgroups	1	Mixer
Flex 4 Set	21” Gooseneck Microphone with Base	1	Podium
SM 500XLR	Wired Microphone	1	Lectern
XR 100 2HL	4 Ch. UHF Wireless Microphone	1	General Purpose
Clio 124	12” 325W RMS Powered Speaker	2	Monitor

Large Size Auditorium

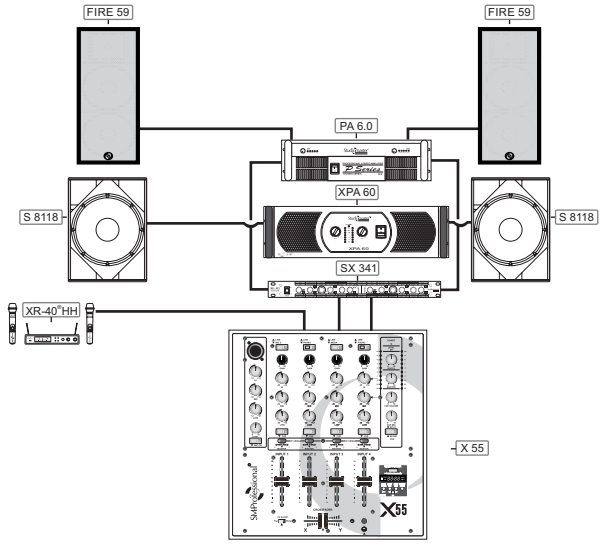


Model	Description	Qty.	Purpose
CLIO LA219	Dual 10" 700W RMS Active Line Array	8	FOH Speaker
S 8028	Dual 18" 3000W @ 4Ω Passive Subwoofer	4	FOH Speaker
DA 92	Amplifier (4600W RMS @ 4Ω Stereo Mode)	2	For S 8028
ADI 24.12	24 Channel Digital Mixing Console	1	Mixer
SMS 480	Digital Speaker Management System	1	Crossover
Flex 4 Set	21" Gooseneck Microphone with Base	2	Podium
SM 650XLR	Wired Microphone	4	General Purpose
TR-44HL	Dual Wireless Microphone System	1	General Purpose
Clio 56M	Single 15" 500W RMS @ Active Floor Monitor	2	Monitor
Optional Products			
Fire 21	Single 12" 350W RMS @ 8Ω Passive Floor Monitor	2	Monitor
PA 1.5	Amplifier (2 x 350W RMS @ 8Ω)	1	For Fire 21

DJ Set-up



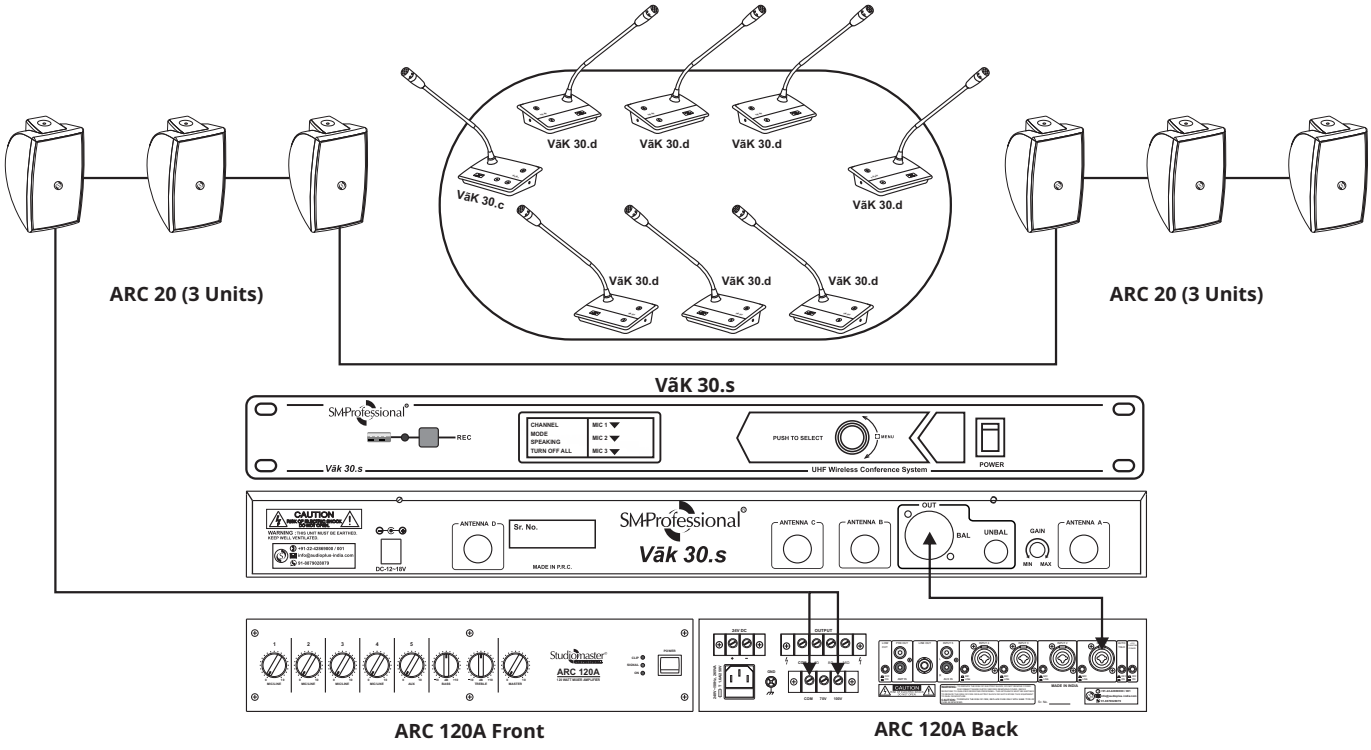
Model	Description	Qty.	Purpose
Fire 55	Dual 15” 1000W RMS @ 4Ω Passive Speaker	2	FOH Speaker
DJA 3200	Amplifier (2 x 1125W RMS @ 4Ω)	1	For Fire 55
X 35	4 Channel DJ Mixer With Media Player	1	Mixing Console
XR-40® HH	Duet UHF Handheld Wireless Microphone	1	General Purpose
Optional Products			
Fire 80	Single 18” 1400W @ 8Ω Passive Subwoofer	1	FOH Speaker
DJA 7000	Amplifier (2 x 1600W RMS @ 8Ω)	1	For Fire 80



Model	Description	Qty.	Purpose
Fire 59	Dual 15” 1700W RMS @ 4Ω Passive Speaker	2	FOH Speaker
PA 6.0	Amplifier (2 x 2000W RMS @ 4Ω)	1	For FIRE 59
SX-341	2-Way / 3-Way Stereo Active Crossover	1	For FOH
S 8118	Single 18” 1500W @ 8Ω Passive Subwoofer	2	FOH Speaker
XPA 60	Amplifier (2 x 4000W RMS @ 8Ω)	1	For S 8118
X 55	5 Channel DJ Mixer With Media Player	1	Mixing Console
XR-40® HH	Duet UHF Handheld Wireless Microphone	1	General Purpose

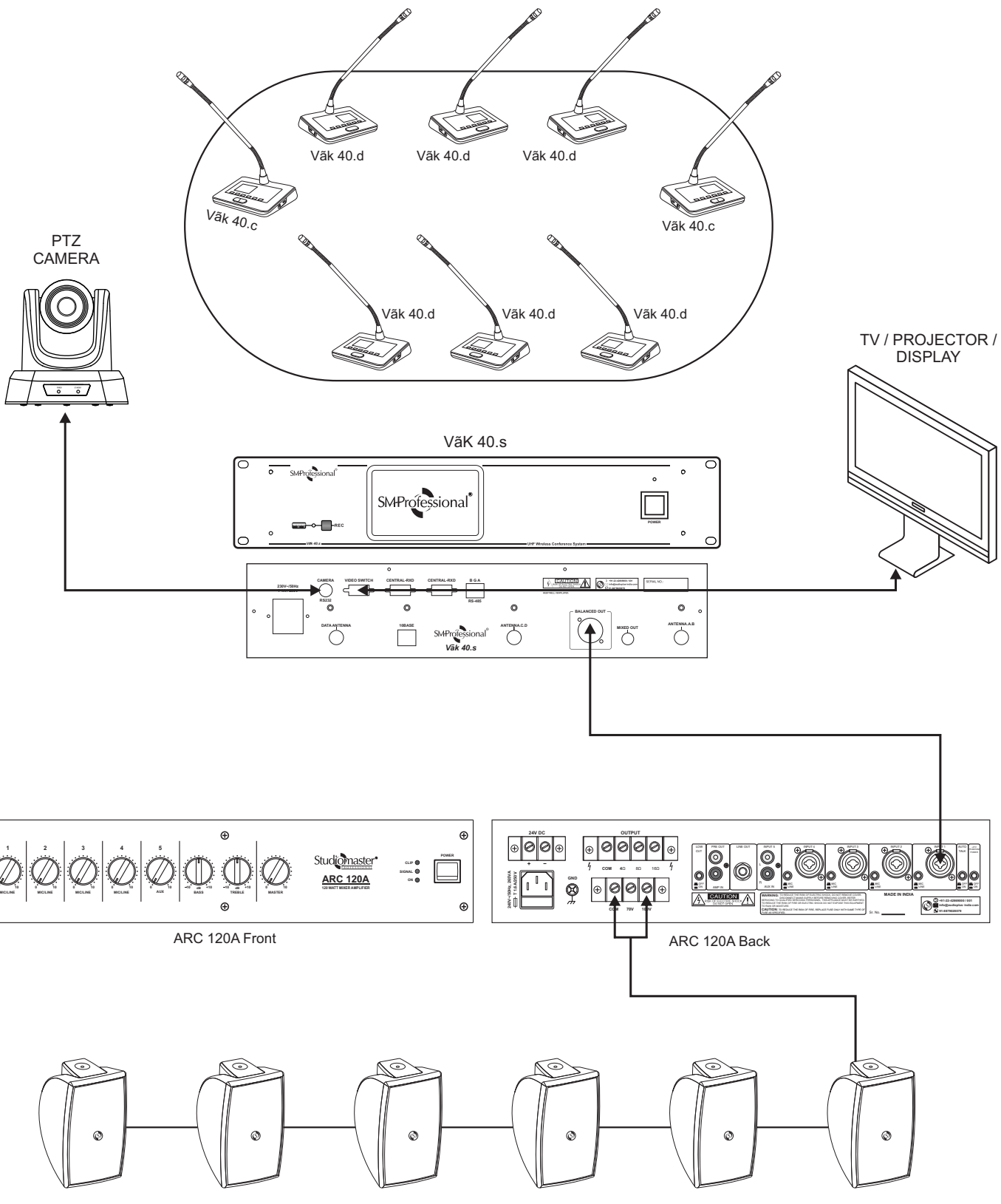
Wireless Conference Room Set-up

Small to Medium Meeting Spaces



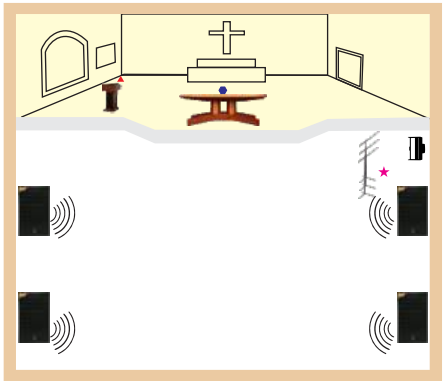
Wireless Conference Room Set-up

Large Meeting Spaces



Church Set-up

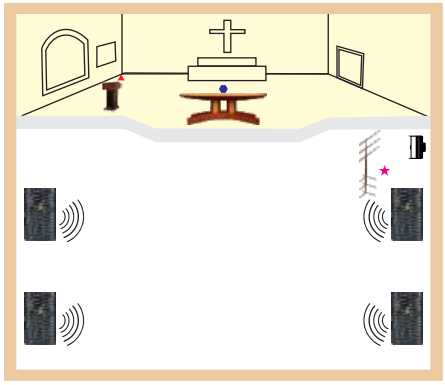
Medium Size Church Set-up
Estimated Congregation Size: 300-400 people



: Flex 4 Set
: Flex 4 Set
: SM 450XLR
: FIRE 51

Model	Description	Qty.	Purpose
Fire 51	Single 15" 500W RMS @ 8Ω Passive Speaker	4	FOH Speaker
PA 3.0	Amplifier (2 x 1100W RMS @ 4Ω)	1	For Fire 51
Orb 1822	18 Mic / 20 Line inputs + Multi EFX + 2 Subgroups	1	Mixer
Flex 4 Set	21" Gooseneck Microphone with Base	2	Altar & Lectern
SM 450XLR	High Quality Vocal Microphone	3	Choir
XR-40® HL	Duet UHF Handheld + Lapel Wireless Microphone	1	General Purpose

Large Size Church Set-up
Estimated Congregation Size: 500-600 people

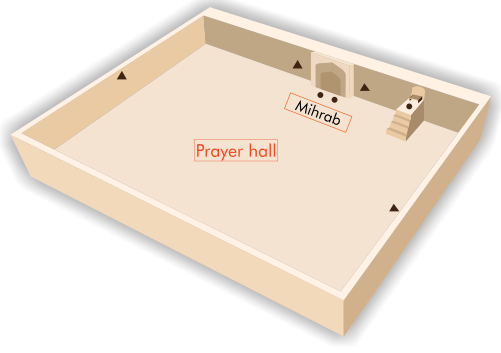


: Flex 4 Set
: Flex 4 Set
: SM 600XLR
: Clio 154

Model	Description	Qty.	Purpose
Clio 154	15" 400W Powered Speaker	4	FOH Speaker
15 SUB	15" 800W RMS Powered Subwoofer	2	FOH Speaker
Orb 1822	18 Mic / 20 Line inputs + Multi EFX + 2 Subgroups	1	Mixer
Flex 4 Set	21" Gooseneck Microphone with Base	2	Altar & Lectern
SM 600XLR	High Quality Vocal Microphone	3	Choir
XR 100 2HL	4 Ch. UHF Wireless Microphone	1	General Purpose

Mosque Set-up

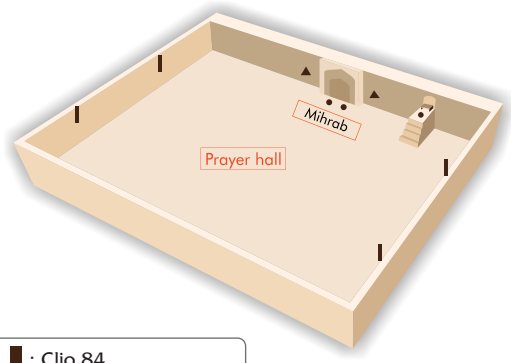
Medium Mosque set-up



: ARC 60
: SM 500XLR & XR 80 HL

Model	Description	Qty.	Purpose
ARC 240UB	240 watts 5 input amplifier + mixer + USB /Bluetooth	2	Prayer Hall
ARC 60	60 watts wallmount installation speaker	4	Prayer Hall
XR 80 HL	Duet UHF wireless microphone (Lapel + Handheld)	1	Khutbah & Namaz
SM 450XLR	Wired microphone	1	Azan
SM 500XLR	Wired microphone	1	Khutbah & Namaz

Large Mosque set-up



: ARC 90 : Clio 84
: SM 600XLR, XR 80 LL & XR-HM1-BL

Model	Description	Qty.	Purpose
ARC 240UB	240 watts 5 input amplifier + mixer + USB / Bluetooth	1	Prayer Hall
Clio 84	200 watts RMS 2 way speaker	2	Prayer Hall
ARC 90	90 watts wall mount installation speaker	4	Prayer Hall
AiR® 8	8 Mic / Line Mixer	1	Prayer Hall
XR 80 LL	Duet UHF wireless microphone (Lapel + Lapel)	1	Khutbah & Namaz
XR-HM1-BL	Headworn Microphone for XR Series	1	Khutbah & Namaz
SM 200XLR	Wired microphone	1	Azan
SM 600XLR	Wired microphone	1	Khutbah & Namaz

Temple Set-up

Small Bhajan / Satsang Set-up





Model	Description	Purpose
Play 900	Portable PA Speaker, 100W, Dual Wireless Microphone	FOH Speaker
SM 75XLR	Wired Microphone	General Purpose
SM 400XLR	Wired Microphone	Vocals

Big Bhajan / Satsang Set-up





Model	Description	Purpose
Clio 124	12" 325W RMS Active Speaker	FOH Speaker
Orb 1202SC	12 Mic / 14 Line Inputs + Multi EFX + 2 Subgroups	Mixer
XR-40® HH	Dual UHF Handheld Microphones	General Purpose
Trio 200	Pack of 3 Wired Microphones	General Purpose
SM 600XLR	Wired Microphone	Vocals

Small Mandir Set-up





Model	Description	Purpose
ARC 60	60W Wallmount Installation Speaker	FOH Speaker
ARC 240	240W 5 Input Amplifier + Mixer	For ARC Speaker
AiR® 12U	12 Mic/Line + Media Player	Mixer
XR-40® HH	Dual UHF Handheld Microphones	General Purpose
SM 80XLR	Wired Microphone	General Purpose
SM 450XLR	High Quality Wired Microphone	Vocals

Big Mandir Set-up





Model	Description	Purpose
Clio 257	Dual 15" 700W RMS Active Speaker	FOH Speaker
Orb 1222	12 Mic / 14 Line Inputs + Multi EFX + 2 Subgroups	Mixer
TR-44 HH	Dual UHF Handheld Microphones	General Purpose
SM 300I	Wired Microphone	Instruments
SM 200XLR	Wired Microphone	General Purpose
SM 650XLR	High Quality Wired Microphone	Vocals

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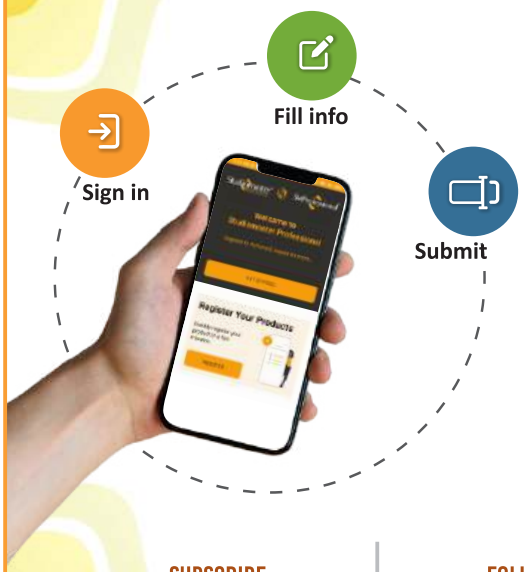

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Code: REV01 / SMPFRB01 / SEPTEMBER 2026 / 5000