

## U12a

12" Two Way Full Range Active Plastic Speaker

### DESCRIPTION

Portable and installed plastic loudspeakers used in applications including sound reinforcement in Front of House and Foldback applications in Houses of Worship, Events, Clubs, Rehearsal Halls etc. The U Active Series delivers extraordinary performance at unmatched value.



### FEATURES

- High output SPL and sensitivity
- 1 x 12" high power transducer with 50mm voice coil
- 1 x 1.7" diaphragm compression driver
- Rotatable Horn: 50°-100° x 55° controlled coverage pattern
- Built-in Bi-amp power amplifier module
- Master volume control
- Bass and Treble control
- XLR input and output connectors
- Switchable between Mic and Line input
- Heavy duty protective grill
- Injection molded
- 2 x XLR connector
- Cabinet design for FOH and Monitor use
- Suitable for use as a main system with or without sub speaker augmentation
- Portable system (stand), or permanent installation (wall, ceiling)
- Arrays with all active high power U Series sub speakers for extended low frequency, high quality music reproduction
- Monitor kit - optional

## TECHNICAL SPECIFICATIONS

Acoustical specifications	Frequency Response(-3db):	50Hz-18kHz
	Max SPL @ 1m:	112dB/118dB(PEAK)
	Dispersion (H x V):	100° x 55°
Transducers	Compression driver:	1 x 1.7" HF
	Woofer:	1 x 12" LF
Input/Output section	Input signal:	Balanced 20kΩ, Unbalanced 10kΩ
	Input Connectors:	2 x XLR
Power section	Total Power:	100W HF, 300W LF(RMS);
	Nominal Impedance (Ohm):	8Ω
	Cooling:	Internal horn vibration auxiliary air cooling + convective radiation outside the back plate
	Voltage range:	AC 220V-240V~, 50/60Hz (or AC 110V-120V~, 50/60Hz)
Physical specifications	Cabinet/Case Material:	Polypropylene injection moulding
	Hardware:	8 x M8 hanging point, SMART pole mount system
	Handles:	Two side, one rear
	Grille:	Powered coated grill
	Color:	Black
Size	Dimension (W x D x H):	415 x 382 x 620mm / (16.3 x 15 x 24.4in)
	Package Dimensions (W x D x H):	465 x 435 x 680mm / (18.3 x 17.1 x 26.8in)
Weight	Net Weight:	23 kg / 50.7 lb
	Gross Weight:	25.2 kg / 55.6 lb