

# R6/R12a

## Compact Active Line Array System

### DESCRIPTION

The Compact Line Array loudspeaker system are used in applications including sound reinforcement for Houses of Worship, Events, Theme Parks, Multifunctional Auditoriums, Schools, and Transit Terminals etc. The R Series Compact Line Array systems delivers extraordinary performance where high speech intelligibility and natural sounding music is required at unmatched value.



### FEATURES

- The system comprises of 4 x R6 mid/high boxes consisting of 1 x Ribbon tweeter, 1 x 6.5" MF and 2 x 6.5" LF drivers per full range speaker, and 1 x R12 Subwoofer consisting of 2 x 12" LF drivers
- Stable 3000W amplifier module
- 2 x NL4 input and output connectors on each cabinet
- For optimum performance use with a Beta Three® a digital speaker management processor
- Integrated rigging and speaker cabling included for the system
- Rigging allows adjustment of R6 in 1° increments
- Designed for high speech intelligibility and natural sounding music
- Suitable for use as a main system with or without sub speaker augmentation
- Permanent installation
- Powder coated grill
- Durable Polyurethane textured base paint
- Available in either black or white

## TECHNICAL SPECIFICATIONS

Acoustical specifications	Frequency Response(-3db):	40Hz-20kHz
	Max SPL @ 1m:	124dB/130dB(PEAK)
	Dispersion (H x V):	90° x 10°
Transducers	Transducer Driver:	R6: 1 x Ribbon HF + 1 x 6.5" MF + 2 x 6.5" LF; R12a: 2 x 12" LF
Input/Output section	Input Connectors:	R6: NL4; R12a:XLR for input, XLR for output
Power section	Total Power:	500W(RMS); 1000W(MUSIC); 2000W(PEAK);
	Nominal Impedance (Ohm):	R6a:16 Ω,R12a:4 Ω
	Cooling:	Air cooling
	Power consumption(static):	38W
	Power consumption(rated):	500W
	Voltage range:	AC 220V-240V~, 50/60Hz
Standard compliance	CE marking:	Yes
Physical specifications	Cabinet/Case Material:	Wedge Cabinet,Plywood
	Hardware:	Special rigging brackets and connection accessories
	Handles:	2 x Wooden handles
	Grille:	Cabinet coated by Polyurethane paint; grille is powder coated
	Color:	Black
Size	Dimension (W x D x H):	R6: 419 x 210 x 736; R12a: 736 x 667 x 542; Flying frame: 659 x 112 x 750
	Package Dimensions (W x D x H):	R6: 505 x 310 x 876; R12a: 815 x 667 x 542; FF: 779 x 225 x 870
Weight	Net Weight:	82.5 kg / 181.9 lb
	Gross Weight:	94 kg / 207.2 lb