Panaray[®] MSA12X modular steerable array loudspeaker

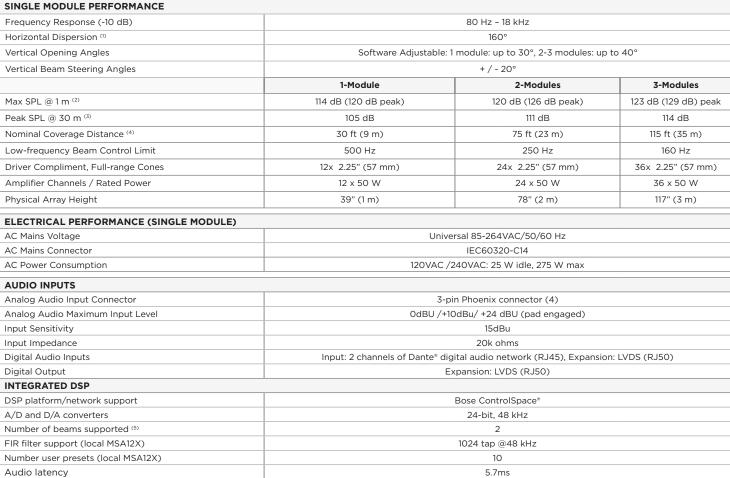
Product Overview

The Bose Professional Panaray[®] MSA12X is a digital beam-steering loudspeaker that enables improved room aesthetics, with outstanding vocal intelligibility and tonal consistency. The proprietary Articulated Array* transducer configuration allows wide, 160° horizontal coverage throughout the room, and MSA12X's modular design allows building of vertical arrays using 1-3 units. Dante® digital audio network interface comes standard for connection with other Dante-enabled products over Ethernet-based networks.

Key Features

- Digital beam-steering line array column loudspeaker with onboard DSP and 600 watts (12 x 50 W) of amplification
- Family sound profile with the Panaray MA12EX Loudspeaker
- Twelve (12) x 2.25-inch full-range transducers with 80 Hz 18 kHz frequency range
- Dante[®] digital audio network interface and line-level analog input
- Articulated Array[®] configuration allows wide, 160[°] horizontal coverage
- Modular design allows building vertical arrays using 1-3 units
- Multiple algorithms for beam steering control designers can optimize consistency of coverage, tonal balance, and maximum SPL per job
- Supports independent level and EQ control of 2 separate beams per array
- Integrated mounting bracket allows up 90° of horizontal yaw adjustment
- Advanced steering and acoustic coverage prediction using Bose Modeler[®] software
- System setup, control and monitoring with Bose ControlSpace® Designer™ software
- Available in black or white finish

Technical Specifications





OF 2

@Dante

PRELIMINARY TECHNICAL DATA

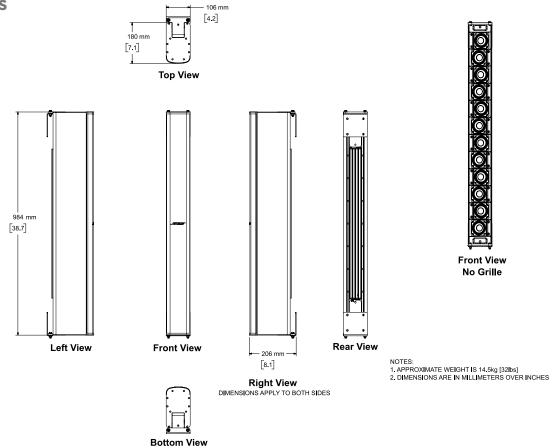
Panaray® MSA12X modular steerable array loudspeaker



PROFESSIONAL

PHYSICAL			
Enclosure	Extruded aluminum sidewalls; steel end caps, all powder coated		
Grille	Powder-coated alumimum		
Indicators and controls	Power, limit, fault		
Operating temperature range (ambient)	32°F to 104°F / 0°C to 40°C		
Cooling system	Cooling is passive only, airflow bottom to top		
Environmental	Indoor only		
Suspension / Mounting	Integrated wall brackets; allows horizontal yaw up to 90° in either direction		
Dimensions (HxWxD)	984 x 106 x 206mm (38.74" x 4.16" x 8.12")		
Net Weight	14.5 kg (32 lbs)		
Shipping Weight	19.21 kg (42.35 lbs)		
Accessories, included	(2) Wall/Speaker-mount Bracket sets, (1) Inte	 (1) Power Cord, (1) Power interconnect cable, (1) RJ50 Expansion Cable, (1) Phoenix connector, (2) Wall/Speaker-mount Bracket sets, (1) Interconnect Bracket, (12) Zip Ties, (1) Bose logo, extra (4) m6 flange nuts, (8) m6 Hex Head bolts 	
PRODUCT CODES			
Black (RAL 9005)	[787856] - 1110,2110,3110,4110,5110	US, EU, JP, UK, AU	
White (RAL 9010)	[787856] - 1210,2210,3210,4210,5210	US, EU, JP, UK, AU	

Dimensions



Footnotes

(1) 1-4k average, -6dB

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(2) Frequency response and range measured on-axis with recommended active EQ in an anechoic environment
(3) Peak SPL @ 30 m assumes 15dB signal loss at 30m
(4) Typical coverage distance provided for comparison
(5) Analog audio input is limited to 1 beam, 2 beam support requires Dante input