MA3

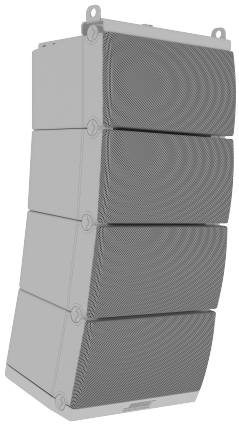
micro array

Product Overview

The Bose Professional MA3 micro array is designed for permanent indoor installations that need clear speech and music from a visually discreet loudspeaker system. Its compact passive modules can be suspended or wall mounted in arrays for speech and music reinforcement at moderate sound levels.

Adjust the splay angles between modules to direct vertical sound coverage toward the audience and reduce sound reaching ceilings and other reflective surfaces. This helps improve clarity in reverberant rooms. Each module combines a 1-inch compression driver with four 2.25-inch woofers. Integrated hardware connects the modules, while a built-in passive crossover and pluggable terminal connector simplify installation.

Use the MA3SB suspension bracket for flown arrays or the MA3WB wall-mount kit to mount it to a wall. The modular format lets the array scale to the coverage plan while maintaining the same compact architectural profile.



Key Features

Shape coverage to the room — Adjust splay angles to shape vertical coverage around the listening area.

Designed for reverberant spaces — Direct more sound toward the audience instead of ceilings and other reflective surfaces.

Blend into the architecture — A compact footprint and white finish keep visual impact low in aesthetic-focused interiors.

Suspend it or mount it to a wall — Use the MA3SB suspension bracket for flown arrays or the MA3WB Wall-mount Kit for wall-mounted installations.

Assemble modules cleanly — Integrated inter-module hardware creates a clean, cohesive array.

Keep system wiring simple — An onboard passive crossover and pluggable terminal connection simplify system wiring.

Order what the design needs — Single-pack and four-pack configurations let integrators order the module quantity the project requires.

Applications

Houses of worship

Multipurpose spaces

Corporate spaces

Education facilities

Government facilities

Hospitality venues

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Technical Specifications

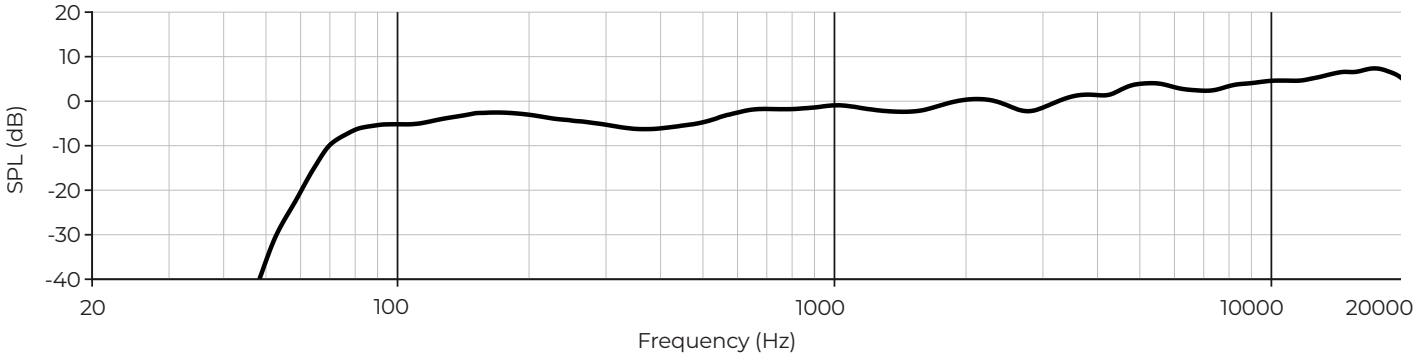
SINGLE-LOUDSPEAKER PERFORMANCE	
Frequency Response (-3 dB) [1]	80 Hz – 20,000 Hz
Frequency Range (-10 dB) [1]	71 Hz – 20,000 Hz
Nominal Coverage Pattern	100° horizontal × 5° vertical
AUDIO PERFORMANCE [2]	
Power Handling, Continuous	50 W
Power Handling, Peak	200 W
Sensitivity (SPL / 1 W @ 1 m) [3]	87 dB
Calculated Maximum SPL @ 1 m, Continuous [4]	104 dB
Calculated Maximum SPL @ 1 m, Peak [4]	110 dB
Crossover	1.8 kHz (passive 2-way crossover)
Loudspeaker EQ	Bose Professional presets available
Recommended High-pass Protection	70 Hz with minimum 24-dB/octave filter
TRANSDUCERS	
Low Frequency	4 × 2.2-in woofer, 0.8-in (20-mm) voice coil
High Frequency	1 × compression driver, 1.0-in (25 mm) voice coil
Nominal Impedance	16 Ω
PHYSICAL	
Enclosure Material	ABS
Finish	White
Grille	Steel mesh, powder-coated finish, white
Environmental	Indoors
Connectors	Euroblock, 4-pin, pre-wired. Accepts 18 AWG – 14 AWG (0.8 mm^2 – 2.5 mm^2) wire.
Suspension / Mounting	Integrated quick-pin system for array module attachment. Suspension bracket system (sold separately) for array suspension with optional pullback bracket kit (sold separately). Wall-mount kit (sold separately) for wall installation.
Product Dimensions (height × width × depth)	138 mm × 288 mm × 206 mm (5.4 in × 11.3 in × 8.1 in)
Net Weight, Single Loudspeaker	3.5 kg (7.6 lb)
Shipping Weight	4-pack: 15.0 kg (33.1 lb) 1-pack: 4.3 kg (9.4 lb)
Package Contents	(4 or 1) MA3 loudspeaker, (4 or 1) pre-wired Euroblock connector, (2 or 1) inter-module connection plate
Optional Accessories	Suspension bracket, pullback bracket kit, wall-mount kit
PRODUCT CODES	
MA3 loudspeaker, 4-pack	A02815-0200 MA3 MICRO ARRAY 4-PACK, WHITE
MA3 loudspeaker, 1-pack	A02817-0200 MA3 MICRO ARRAY LOUDSPEAKER, WHITE
MA3SB suspension bracket	A02818-0200 MA3SB SUSPENSION BRACKET, WHITE
MA3PBB pullback bracket kit	A02952-0200 MA3PBB PULLBACK BRACKET KIT, WHT
MA3WB wall-mount kit	A02819-0200 MA3WB WALL-MOUNT KIT, WHITE

Footnotes
1. Frequency response and range measured on-axis in an anechoic environment without EQ. Optimization available via AFMG® FIRmaker®.
2. 168-hour aging test with continuous program material.
3. Sensitivity measured in anechoic environment with recommended bandpass and EQ.
4. Maximum SPL calculated using sensitivity and power ratings.

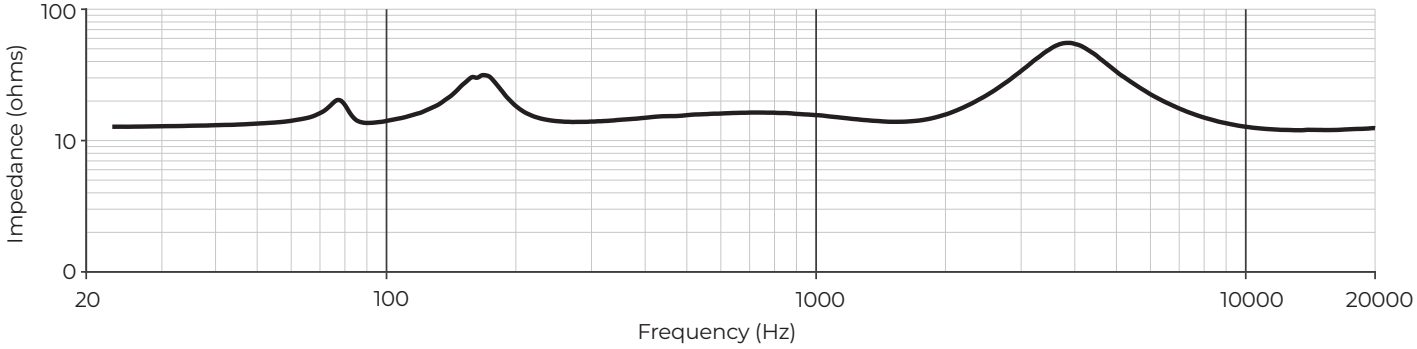
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Frequency Response [5]



Impedance

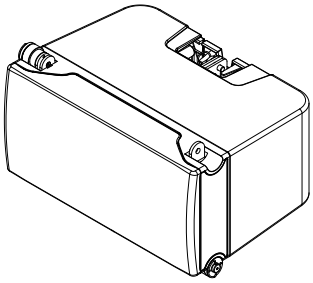


Footnotes
5. Single-module response with 4–8 module EQ applied. SPL axis displayed with 0 dB line referenced to sensitivity SPL value.

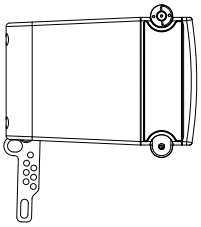
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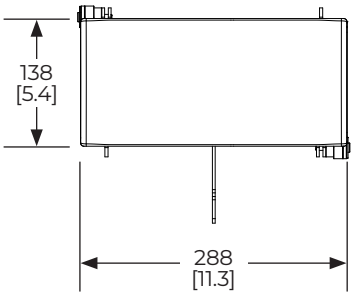
Dimensions [6]



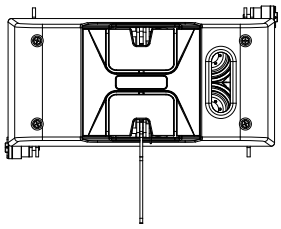
Side View [7]



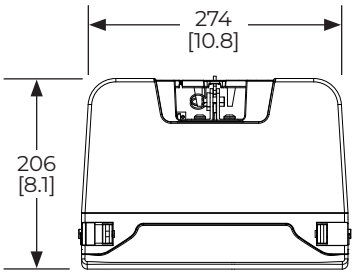
Front View



Rear View



Top View



Footnotes
6. Dimensions are shown in millimeters over inches.
7. Dimensions apply to both left and right sides.

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