

Product Specifications

Audio Spotlight 24iX Directional Speaker

Overview

The Audio Spotlight X-Series is a revolutionary directional audio technology that creates sound in a narrow beam, just like light. Aim the thin, flat speaker panel to your desired listening area, and provide all of the sound and none of the noise.™

This parametric speaker is designed for competing with noisier environments or areas requiring more coverage.

The AS-24iX is an excellent directional speaker for control rooms, museums, trade shows, supermarkets, and conference rooms, and it easily replaces a standard 2 ft x 2 ft (600 mm x 600 mm) ceiling tile.

Features

- Built-in ultra-efficient amplifier
- Standard VESA100 mounting pattern
- IR remote control
- Built-in microSD card player
- Stereo 1/8" (3.5mm) line-level input
- Phoenix connector included (balanced audio/power input)
- Custom fabric printing available

Optional Customizations

- MOT** (-B, -W) Motion sensor
- BT** Bluetooth module

Optional Accessories

- MNTV-1** (-B, -W) Ceiling or wall mount
- TM-1** (-B, -W) Clamping pipe mount
- CM-1** Suspended ceiling mount kit
- DS-2** (-B, -W) Desk stand

Specifications

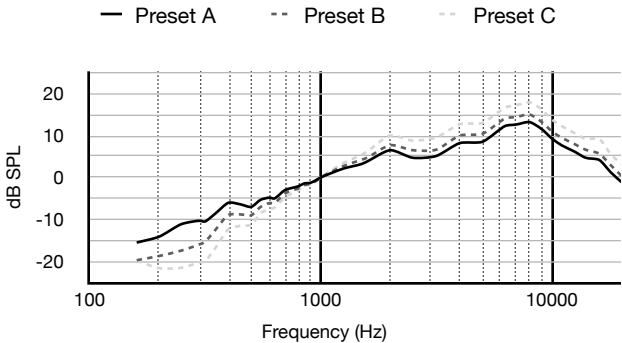
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|----------------------------------|---|
| Type                             | Parametric Directional Loudspeaker  |
| Transducer                       | Patented Film-based Ultrasonic Transducer (~60 kHz carrier)                                     |
| Coverage Pattern                 | 5° , 1.5 m x 1.5 m at typical listening distance of 2m  |
| Maximum SPL                      | 95 dB SPL @ 1kHz  |
| Power Consumption                | 24 VDC, 24 W typical draw; 90 W max peak  |
| Power Input                      | 100-240V, 50/60Hz; Universal power supply included  |
| I/O                              | 3.5mm stereo unbalanced, Phoenix balanced, MicroSD, Bluetooth (Optional), Sub/Thru output (RCA) |
| Input Impedance                  | 20kΩ  |
| LCD Screen                       | System indicators, user-configurable options  |
| Grill Cloth                      | Thin, raschel knit, poly-elastane blended fabric (black, white, custom)                         |
| Mounting                         | VESA 100 x 100 mm mounting inserts (M4)   |
| Dimensions                       | ~ 24 in x 24 in x 1.66 in (60 mm x 60 mm x 4.2 mm) [see page 2]                                 |
| Net Weight                       | 9.8 lbs (4.4 kg)  |
| IP Rating                        | IP41  |
| Operating Temperature & Humidity | -20° to 50° C<br>0% - 90% RH  |



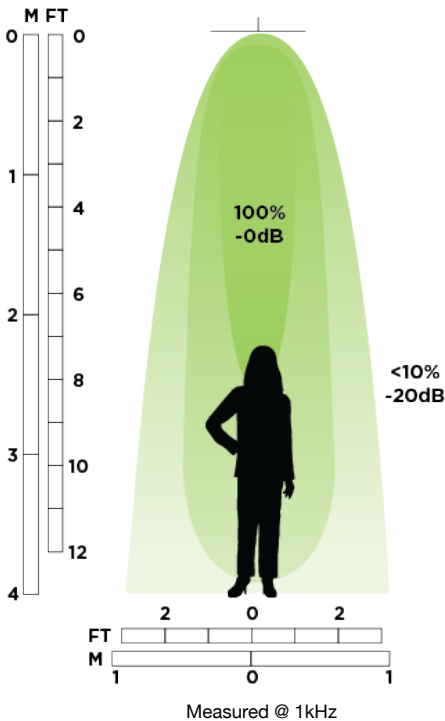
Available Models

- AS-24iX-BBlack finish
- AS-24iX-WWhite finish

Frequency Response



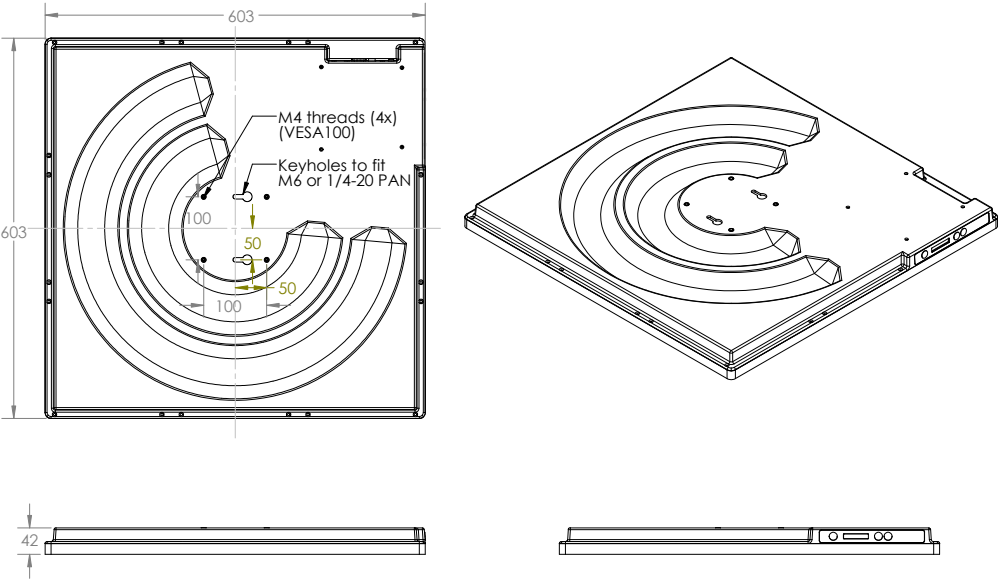
Coverage



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Dimensions (mm)



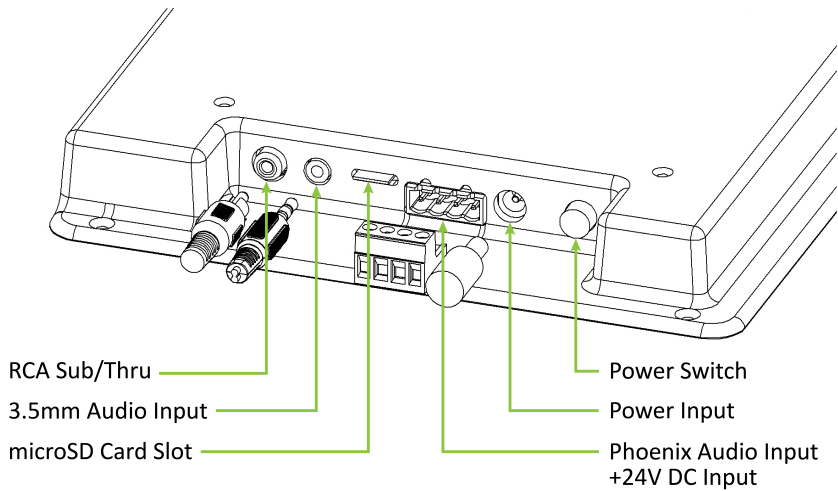
Available Models

- |           |              |
|-----------|--------------|
| AS-24iX-B | Black finish |
| AS-24iX-W | White finish |

Optional Customizations

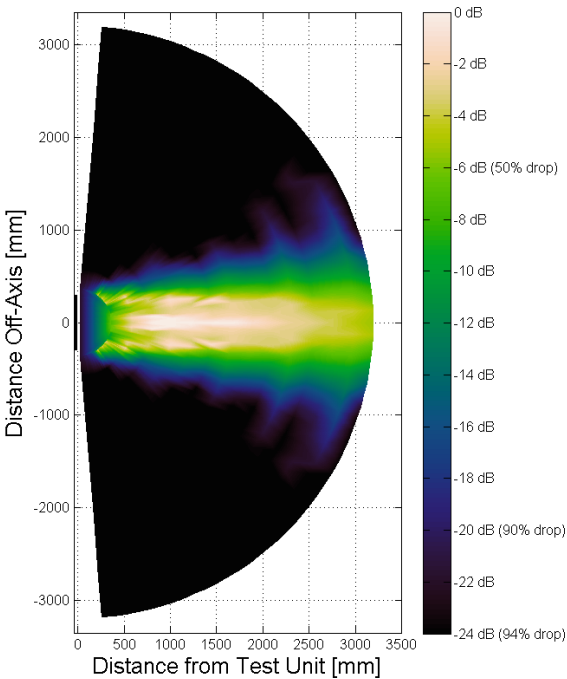
- **MOT** (-B,-W) Motion sensor
  - **BT** Bluetooth module
- Custom fabric printing available

System Connections

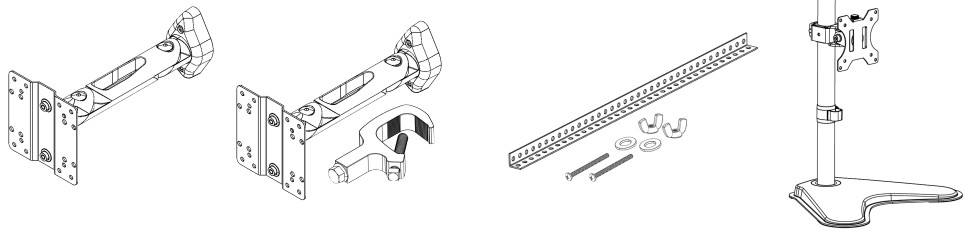


Measured Sound Field

@ 1kHz



Optional Accessories



Ceiling or wall mount  
**MNTV-1** (-B, -W)\*

Clamping pipe mount  
**TM-1** (-B, -W)\*

Suspended ceiling  
mount kit  
**CM-1**

Desk stand  
**DS-2** (-B, -W)\*

"-B" Black finish  
"-W" White finish