

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

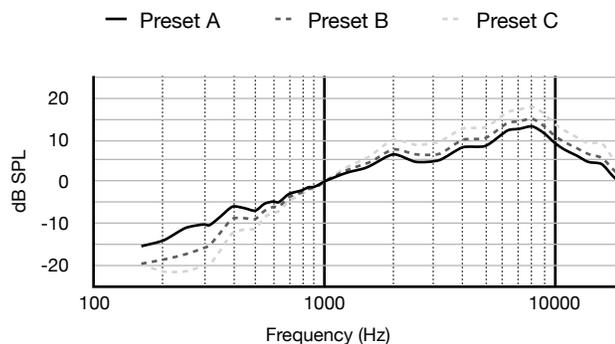
Type	Parametric Directional Loudspeaker
Transducer	Patented Film-based Ultrasonic Transducer (~60 kHz carrier)
Coverage Pattern	5°, 1.5 m x 1.5 m at typical listening distance of 2m
Maximum SPL	95 dB SPL @ 1kHz
Power Consumption	24 VDC, 24 W typical draw; 90 W max peak
Power Input	100-240V, 50/60Hz; 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 0% - 90% RH



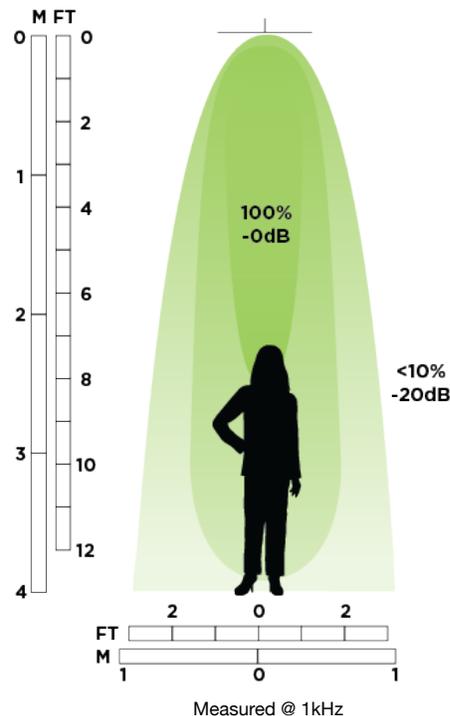
Available Models

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

Frequency Response



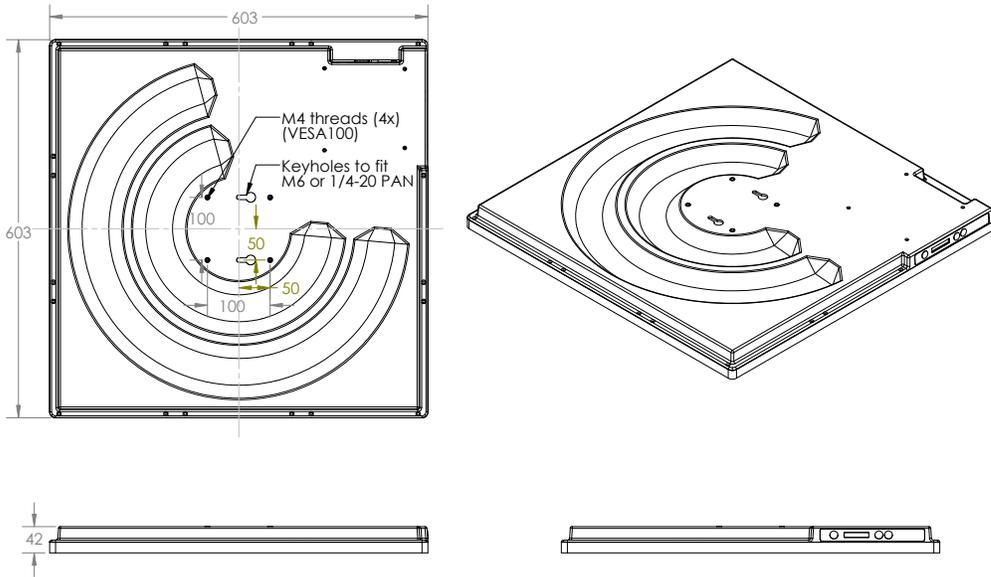
Coverage



Product Specifications

Audio Spotlight 24iX Directional Speaker

Dimensions (mm)



Available Models

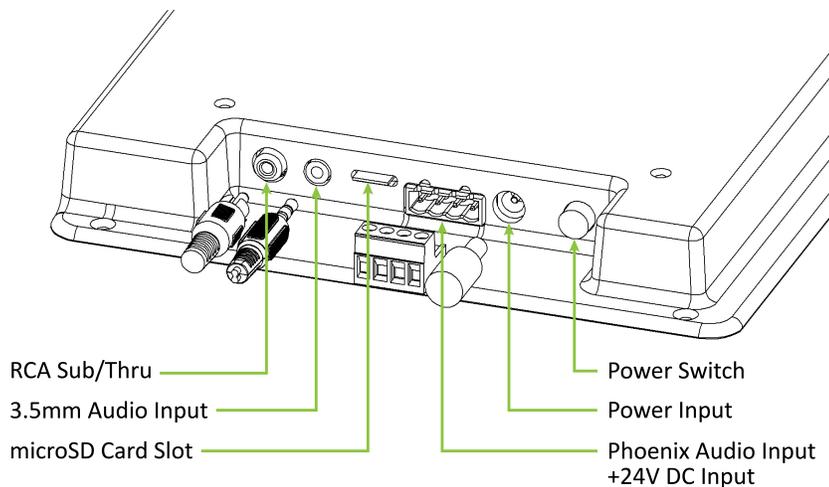
- | | |
|-----------|--------------|
| AS-24iX-B | Black finish |
| AS-24iX-W | White finish |

Optional Customizations

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

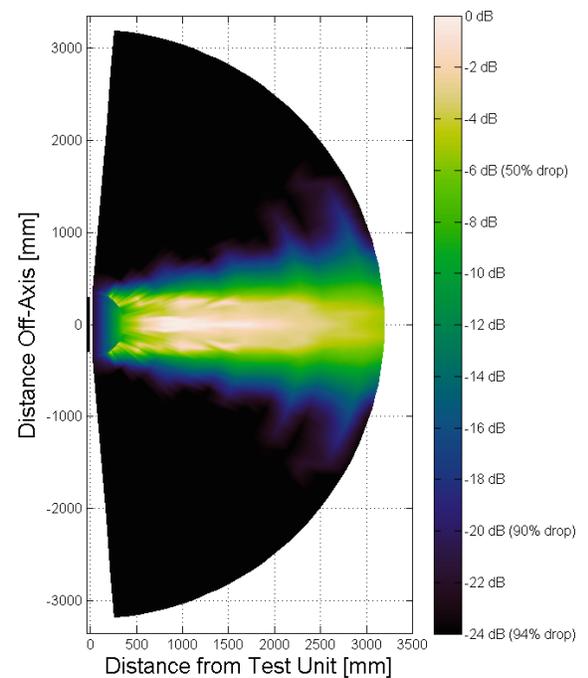
Custom fabric printing available

System Connections

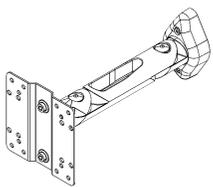


Measured Sound Field

@ 1kHz

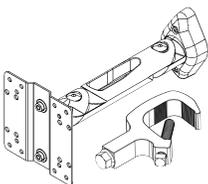


Optional Accessories



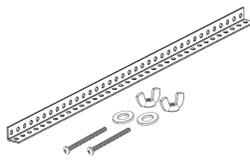
Ceiling or wall mount

MNTV-1 (-B, -W)*



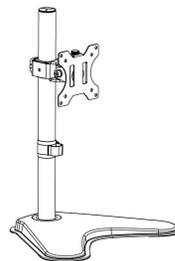
Clamping pipe mount

TM-1 (-B, -W)*



Suspended ceiling
mount kit

CM-1



Desk stand

DS-2 (-B, -W)*

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