



DAKOTA AUDIO

Focused Sound

Technical Documentation

MA-4

Focused Mini Audio Array

- IDEAL FOR DIGITAL SIGNAGE, KIOSKS, TRADE SHOW EXHIBITS
- EXCELLENT VOICE INTELLIGIBILITY IN NOISY ENVIRONMENTS
- HIGHLY DIRECTIONAL SIDE TO SIDE WITH WIDE VERTICAL PATTERN
- BEST SOUND QUALITY OF ANY FOCUSED SOUND TECHNOLOGY
- NOT AN ULTRASONIC SOLUTION-NO SAFETY CONCERNS
- CUSTOM CONFIGURATION / ENCLOSURE COVER COLORS AVAILABLE
- AMPLIFIER SUPPORTS BALANCED/UNBALANCED LINE LEVEL INPUT

Specifications:

Maximum Output Level:

90DBA

Mini-Array Size:

0.9" (22mm) D X 2" (50mm) H x Length

Standard Lengths:

18" (457mm), 22" (558mm), 23" (584mm),

25" (635mm), 30" (762mm), 36" (914mm)

38" (965mm)

Amplifier Size:

0.9" (22mm) x 7" (178mm) x 3.25" (82mm)

Color-Finish:

Non-Reflective Black Powder Coat

Grill:

Black Flame-Retardant Cloth

Input Level:

Adjustable -15DBV to +4DBV

Input Impedance:

5,000 Ohm Transformer Balanced or

Unbalanced 3.5mm Audio Jack

Mounting:

One Screw Mounting Hole at Each End

Frequency Response:

Tailored For Voice Intelligibility 250HZ-10KHZ

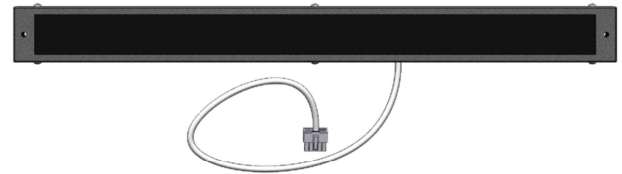
Power:

12 VDC, 10 Watts

(Plug in Power Supply Included)

Connections:

1/8" (3.5mm) Mini Jack (Female) & Screw Terminals



The Dakota Audio MA-4 provides excellent voice intelligibility, originally designed for children's science museum, with a frequency response optimized for voice. The [MA-5](#) provides a broader sound range when needed. The MA Series delivers a highly directional side-to-side sound with a wide vertical pattern. This design ensures effective sonic isolation between displays while offering consistent coverage for listeners, regardless of their height. To accommodate size constraints, the amplifier is positioned remotely from the speaker array and connected by a 6' multi-conductor cable. (included). (For maximum intelligibility or smaller size, please check out our MA-4 Series). The MA-5 units are usually mounted horizontally above or below a display or screen, but have other applications such as being suspended overhead to provide a "path" of sound.

Digital Signage	Museum Exhibits	Supermarkets
Trade Show Booths	Waiting Areas	Retail
Healthcare	Education	Libraries

Dakota Audio, Inc.

Onamia, Minnesota, USA

(701) 224-9331 Sales@DakotaAudio.com

www.DakotaAudio.com

- 5 Year Warranty
- Technical Assistance Available
- Custom Cable Lengths Available