



DAKOTA AUDIO

Focused Sound

Technical Documentation

FA-501

Focused Audio Array

- Best Sound Quality of any focused sound technology
- Not an ultrasonic Solution- No Safety concerns
- Greatest low frequency capability in the industry
- Custom Configuration /Enclosure Cover colors available
- Built in Amplifier with balanced, line level input
- Excellent Sound & Pattern Control Via onboard user interface

Specifications:

Maximum Output Level:

85 dBA (8' Mounting Height, Tight Pattern)

Size:

36" x 36" x 3.6" (915mm x 915mm x 92 mm)

Weight:

31 Pounds (14 kg)

Color-Finish:

Non-Reflective Black Powder Coat
Black or White Cloth Covering

Input Level:

Adjustable -15DBV to +12DBV

Input Impedance:

5,000 Ohm Transformer Balanced or
Unbalanced 3.5mm Audio Jack

Focal Pattern:

Adjustable from Tight to 10 Feet (3 Meter) Diameter

Mounting:

Gripple Brand Suspension Cables or Threaded
Inserts (1/4-20" or 6 mm)

Frequency Response:

See attached Charts

Frequency Compensation:

Switch Selectable: Music, Voice with Music, Voice

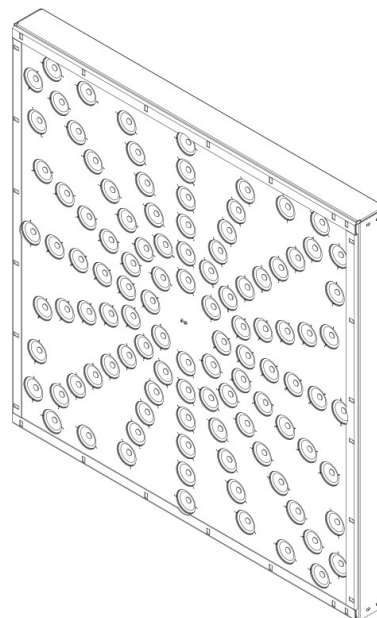
Power:

16 to 18 VAC or 24 VDC, 15 Watts

Connections:

Screw Terminals on top side of unit

- 5 Year Warranty
- Technical Assistance Available
- Cable kits available upon request



The FA-501 Directional Audio array is the larger version of the FA-602. The FA-501 directs the audio signal straight down in a circular pattern (as compared to the FA-602's that projects to the side at a 15-degree angle and has an oval coverage pattern.) The FA-501 provides high quality sound combined with excellent sound control. Dakota Audio FA-501 arrays are easily field adjustable for both mounting height and pattern width using the control panel. A switch controls a built-in equalizer with three preset adjustments to maximize the sound quality and directionality dependent on media type (Music, Voice with music, or Voice). Audio input is line level, transformer isolated. The array accepts any standard line level input, either balanced or unbalanced. A volume control and two position gain switch accommodates a wide range of audio input levels.

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