



AFI-WA

CONTRACTOR SERIES LOUDSPEAKER SYSTEM

DESCRIPTION:

The **AFI-WA (WIDE ANGLE)** is a low-profile fill speaker with a rotatable horn, allowing easy integration for under balcony, stage lip, ceiling mount, or column mount applications. Its precisely aligned 3-way design eliminates inter-driver lobing and creates incredibly uniform wide-angle, off-axis coverage. The AFI-WA is perfect for fill applications in larger venues or as the main speaker in smaller venues.

DRIVER COMPLEMENT:

LOW FREQUENCY: Apogee 8" (203mm) permanent magnet cone-type driver is treated with a waterproofing compound, providing resistance to moisture, and enabling long-term stability of cone resonance and cone mass parameters

MID FREQUENCY: One Apogee 6.5" (165mm) permanent magnet cone-type driver is treated with a waterproofing compound, providing resistance to moisture, and enabling long-term stability of cone resonance and cone mass parameters

HIGH FREQUENCY: One Apogee 1.4" (35.6mm) voice coil, 1.0" (25.4mm) exit horn-loaded compression driver thermally cooled with Ferrofluid

INPUT CONNECTORS:

Barrier strip, screw type #8

COMPATIBLE PROCESSORS:

DLC24 DIGITAL LOUDSPEAKER CONTROLLER

HANDLES:

Two handles – one top, one bottom – designed as an integral part of the enclosure (no moving parts)

GRILLE:

Highly durable, powder-coated finish on perforated steel (aluminum on SX version)

RIGGING HARDWARE:

Yoke: Two rigging points, one on left side and one on the right side, to accept a yoke; points are backed with 16-gauge steel and can be type 3/8" – 16 or M10 thread

OmniMount®: Bolt pattern on back panel accepts 60.0 series mount

FINISH:

Textured high-strength black or white epoxy paint; other colors optional

ENCLOSURE TYPE:

10° trapezoidal, optimally-vented bass

CABINET CONSTRUCTION:

Multi-ply hardwood with stainless steel fasteners

OPTIONS/ACCESSORIES:

- DLC24 DIGITAL LOUDSPEAKER CONTROLLER
- SX weather treatment for use in limited exposure enclosures
- Assorted rigging components

ENGINEERING DATA:

FORMAT:

Passive/Three-way

DISPERSION:

H: 120° x **V:** 45° (rotatable)

FREQUENCY RESPONSE (1M ON AXIS):

62 Hz to 17 kHz ± 3 dB

Max. SPL (@1M):

117 dB cont./123 dB peak

PTML (PEAK TRANSIENT MECHANICAL LIMIT):

132 dB

SENSITIVITY (1W @ 1M):

94 dB

NOMINAL IMPEDANCE:

8 ohms

MAX. POWER HANDLING:

225W cont./900W peak

DIMENSIONS:

front: 9.7" (247mm) W x 26.4" (671mm) H

rear: 5.8" (148mm) W x 26.4" (671mm) H

depth: 12.7" (323mm)

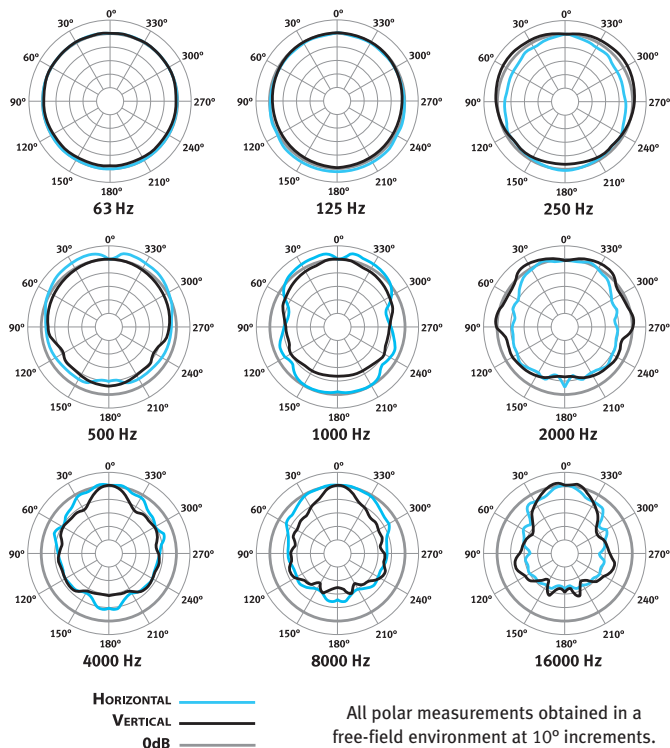
WEIGHT:

36 lb. (16.3 kg)

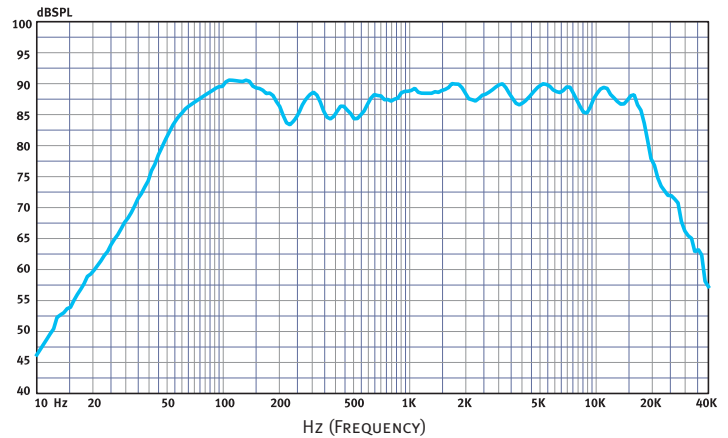
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POLAR MEASUREMENTS AFI-WA

(Bold Ring= 0dB, 6 dB/division, normalized)



FREQUENCY RESPONSE AFI-WA



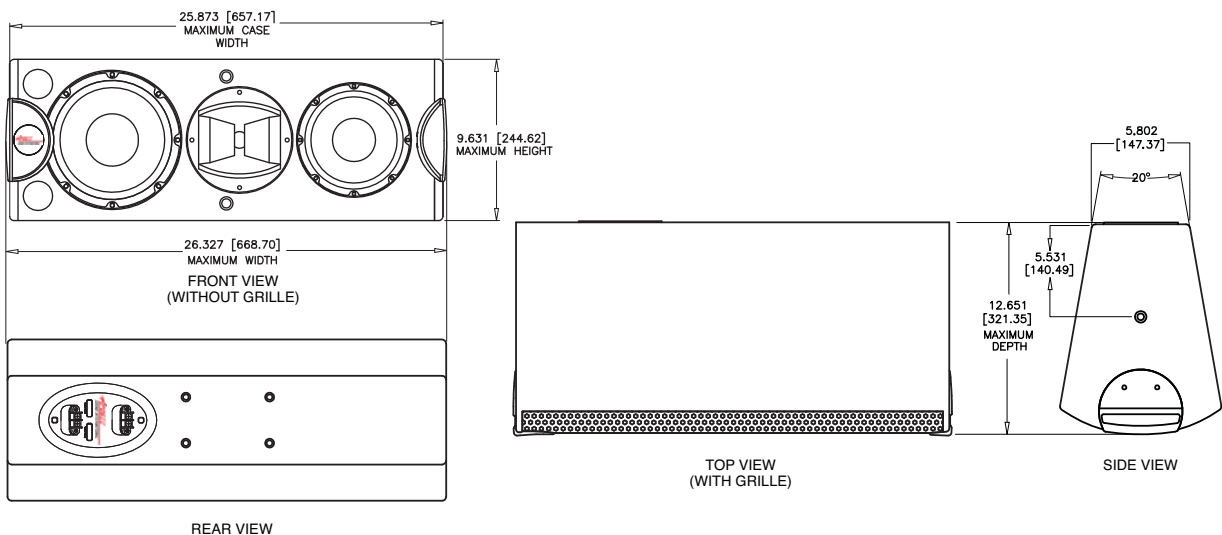
PROCESSOR NOTES:

The DLC24 Digital Loudspeaker Controller is a digital engine with an analog surface. It combines the most advanced technology available with intuitive interfaces to provide the key elements that ensure optimal loudspeaker system performance and management in a variety of live sound and fixed installation applications.

The controller provides factory-set equalization curves to smooth the response, protect limiting, and active crossovers (for bi-amplified models and subwoofers). XLR Connector inputs and outputs are standard on the DLC24 Digital Loudspeaker Controller.

DIMENSIONAL DRAWINGS: AFI-WA

(dimensions in inches and millimeters)



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