



AMT-15

AMT-12

AMT-12 AMT-15

Lightweight Professional Loudspeakers

Description:

The AMT-12 and AMT-15 Loudspeakers are designed to provide high-output music and sound reinforcement in a lightweight, cost-efficient package. Robust, high-sensitivity woofers and a Ferrofluid-treated 1.77-inch compression driver are combined with highly-evolved crossover network technology. The AMT-12 and AMT-15 will fill even large rooms with plenty of power, and a smooth transition makes for highly accurate and realistic sound.

Driver Complement:

Low Frequency:

AMT-12: One Apogee 12" cone-type high-sensitivity, low-mass driver
AMT-15: One Apogee 15" cone-type high-sensitivity, low-mass driver

High Frequency:

One Apogee 1.77"-diameter titanium-alloy compression driver diaphragm with a 1" exit, utilizing a specially-designed Ferrofluid for damping and cooling of the voice coil

Input Connectors:

Two Combo Input Connectors: 1/4" Phone and Speakon™

Handles:

Integrated carry handle molded into side of enclosure

Grille:

Heavy-gauge perforated steel

Mounting Options:

- POLE / TRIPOD MOUNT, using 1-3/8" (35mm) socket
- STACKING using integral feet
- SUSPENDED, using M8 threaded inserts (1.25mm pitch) – two on top of enclosure and two on bottom of enclosure
- ARRAYABLE, 0-degree "tight pack" to 30 degrees of splay, using available Adjustable Rigging Beam Kit
- YOKE MOUNTING (Includes Safety Anchor Point hardware)

Enclosure Type:

Lightweight, multi-vented molded enclosure utilizing extensive rib matrix for minimizing panel resonances

Cabinet Construction:

Mineral-filled polypropylene

Options/Accessories:

- Adjustable Rigging Beam Kit, 0–30 degrees (Part # 109-2140)
- AMT Rigging Kit (Part # 109-2151)

Yoke Assemblies:

- 108-2120 for AMT-12
- 108-2150 for AMT-15

Engineering Data:

Format:

Passive/Two-way

Dispersion:

65° H × 65° V

Frequency Response (1m on axis):

AMT-12: 60 Hz to 20 kHz ± 3 dB
AMT-15: 50 Hz to 20 kHz ± 3 dB

Sensitivity (1W @ 1m):

AMT-12: 96 dBspl
AMT-15: 98 dBspl

Nominal Impedance:

8 ohms

Max. Power Handling:

AMT-12: 200 W continuous
AMT-15: 300 W continuous

Max. Sound Pressure Level:

AMT-12: 119 dB, Peak: 125 dB
AMT-15: 123 dB, Peak: 129 dB

Dimensions:

AMT-12: 23" H × 16.25" W × 13" D
AMT-15: 27" H × 19" W × 15" D

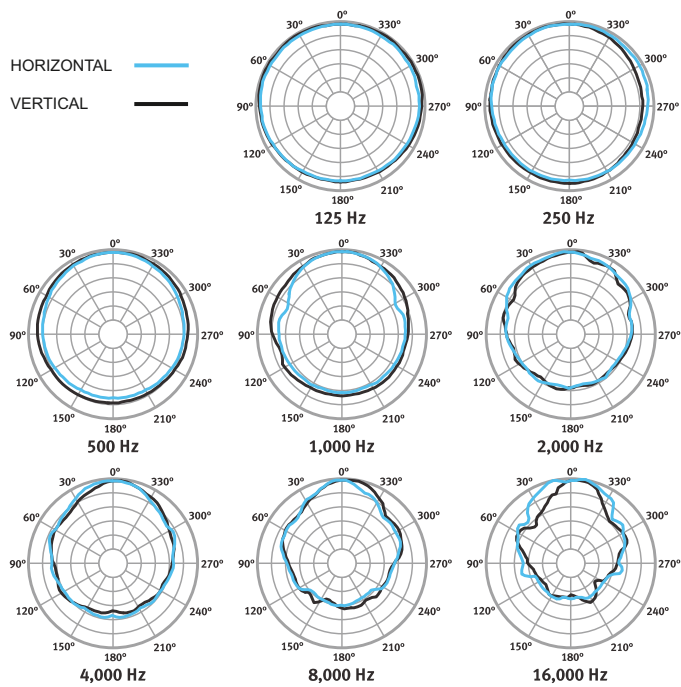
Weight:

AMT-12: 37 lb.
AMT-15: 47 lb.



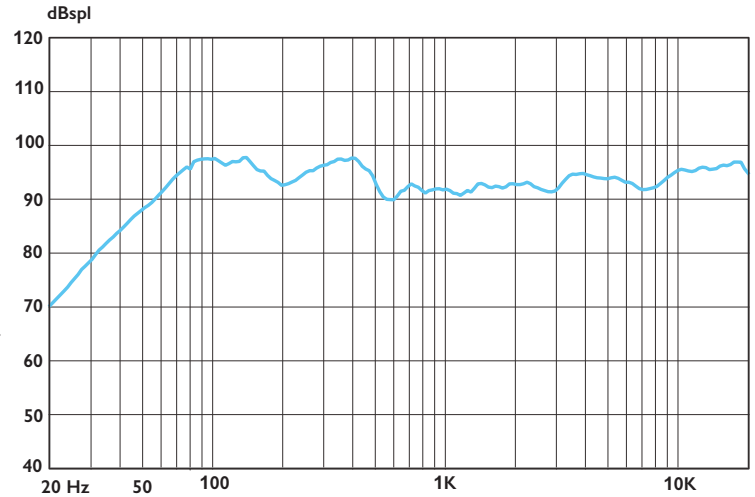
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Polar Measurements AMT-12 (6 dB/division, normalized)



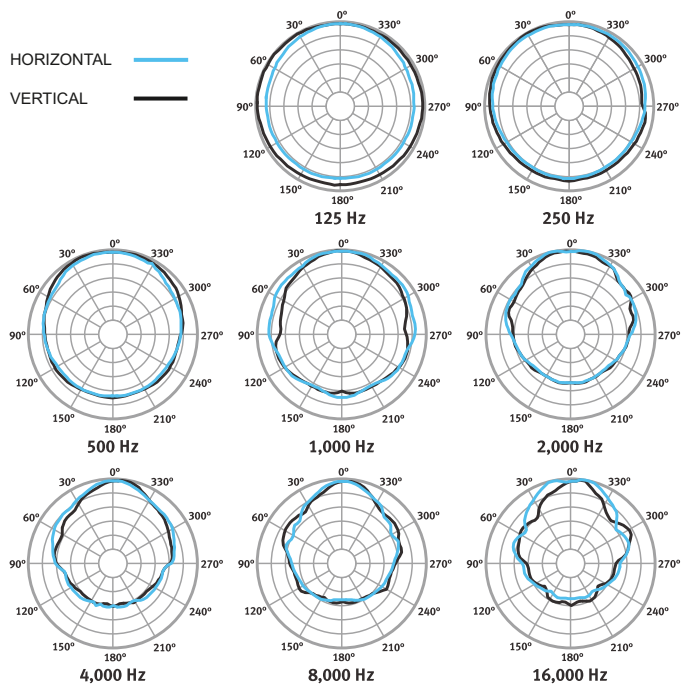
All polar measurements obtained in a free-field environment at 5° increments.

Frequency Response AMT-12



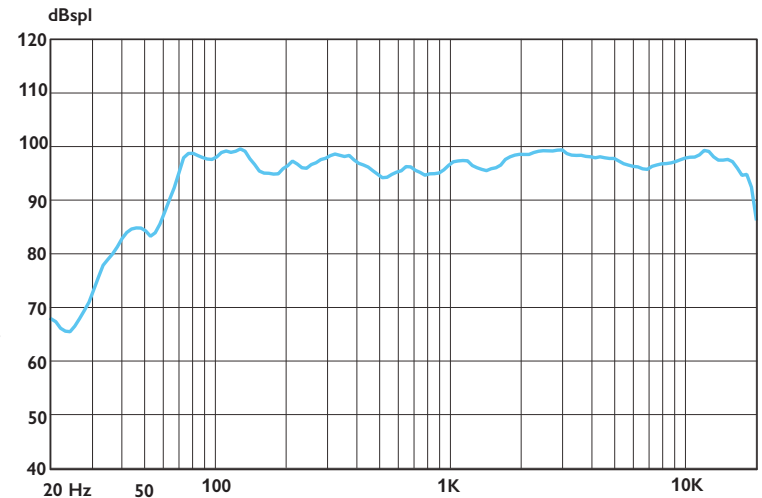
All frequency response measurements obtained in a free-field environment.

Polar Measurements AMT-15 (6 dB/division, normalized)



All polar measurements obtained in a free-field environment at 5° increments.

Frequency Response AMT-15



All frequency response measurements obtained in a free-field environment.