

AFI-205

CONTRACTOR SERIES LOUDSPEAKER SYSTEM

DESCRIPTION:

The AFI-205 is a full-range single-amped product solution for restaurants, bars, retail spaces, or any application where space constraints do not allow for placement of separate subwoofers. A bass boost jumper on the rear of the unit compensates the overall level of the low frequencies for optimum balance in free-field applications.



DRIVER COMPLEMENT:

LOW FREQUENCY: One Apogee 10" (254mm) dual-voice coil permanent magnet cone-type driver

MID FREQUENCY: Dual Apogee 5.25" (134mm) permanent magnet cone-type driver

HIGH FREQUENCY: Dual Apogee 1" (25mm) anodized aluminum dome tweeters are treated with Ferrofluid® for greater power handling capability, lower distortion, and control of short-term impedance rise

INPUT CONNECTORS:

Barrier strip, screw type #8

COMPATIBLE PROCESSORS:

None required

HANDLES:

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

GRILLE:

Powder-coated, perforated steel

RIGGING HARDWARE:

Yoke: Two rigging points, one on each 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:

Rectangular, band-pass bass

CABINET CONSTRUCTION:

Multi-ply hardwood with stainless steel fasteners

OPTIONS/ACCESSORIES:

- Assorted rigging components
- Cables

ENGINEERING DATA:

FORMAT:

Passive/Single-amped/Three-way

DISPERSION:

H: 120° x V: 90°

FREQUENCY RESPONSE (1M ON AXIS):

44 Hz to 20 kHz ± 3 dB

MAX. SPL (@1M):

109 dB cont./115 dB peak

PTML (PEAK TRANSIENT MECHANICAL LIMIT):

126 dB

SENSITIVITY (1W @ 1M):

89 dB

NOMINAL IMPEDANCE:

8 ohms; 4 ohms with bass boost circuit engaged

MAX. POWER HANDLING:

120W cont./480W peak

DIMENSIONS:

12.7" (232mm) W x 18.7" (475mm) H x

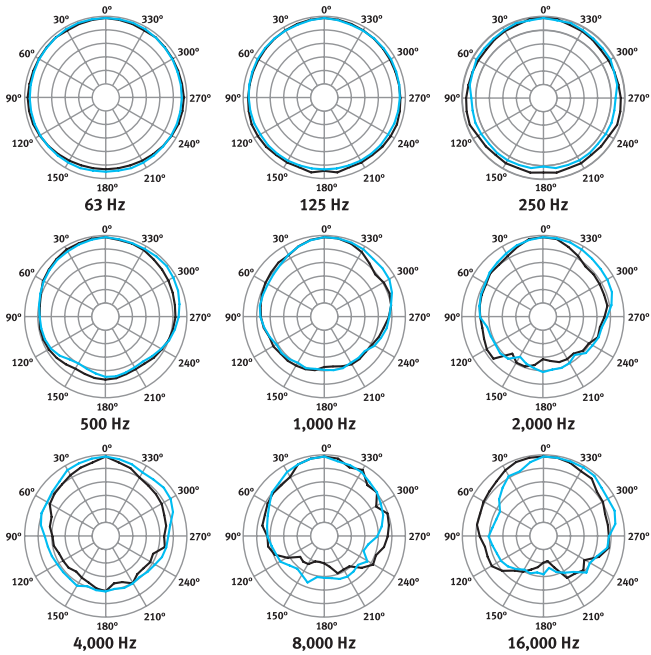
16.6" (422mm) D

WEIGHT:

47 lb. (21.3 kg)

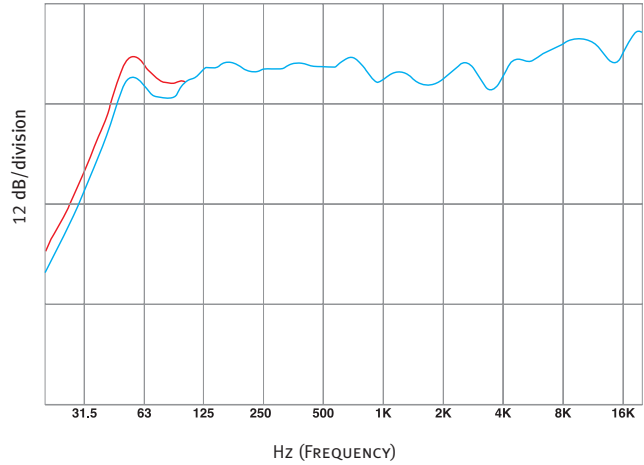
APOGEE
SOUND INTERNATIONAL

POLAR MEASUREMENTS AFI-205 (6 dB/division, normalized)



HORIZONTAL ——— All polar measurements obtained in a free-field environment at 10° increments.
VERTICAL ———

FREQUENCY RESPONSE



The red curve shows the effect with the bass boost jumper in place

Measured in a free-field anechoic environment using a swept one-third octave input (unprocessed response).

DIMENSIONAL DRAWINGS (dimensions in inches and millimeters)

