DESCRIPTION

The ALTEC 403A Loudspeaker is a moderately priced, wide-range unit, designed specifically for use in indoor public address and music reproduction systems.

The 403A is especially desirable in multiple-speaker applications because of its reasonable initial cost and high quality. It can be flush-mounted in either wall, ceiling or baffle installations. All metal parts are heavily cadmium plated. A bracket is provided for mounting a 70-volt ALTEC 15132 Line Transformer. Rugged voice coil construction assures a long life of trouble-free performance. These features make the 403A an excellent choice where quality and initial cost are important.
SPECIFICATIONS

Power Rating: 12 watts
Frequency Response: 70-11,000 Hz
Pressure Sensitivity: 95 dB SPL measured at 4' on axis with 1 watt input of band-limited pink noise from 500-3000 Hz. Equal to EIA rating of 48 dB SPL at 30' with 1 milliwatt input (Ref.: 0 dB = 0.0002 dyne/cm²)
Impedance: 8 ohms
Nominal Free-Air Cone Resonance: 80 Hz
Voice Coil Diameter: 1"

Magnet Structure —
Magnet Type: Alnico V
Flux Density: 9000 gauss
Magnet Weight: 6.80 ounces
Dimensions: 8¾" (21.11 cm) diameter
4" (10.16 cm) deep
Weight: 3 pounds (1.36 kg)
Mounting Data —
Mounting Hole Diameter: 7½" (18.10 cm)
Mounting Bolt Centers: 4 holes equally spaced on 7½" (19.69 cm) diameter circle

ARCHITECT’S AND ENGINEER’S SPECIFICATIONS

The loudspeaker shall be 8¾" in diameter and 4" deep. The voice coil shall have a diameter of 1" and shall operate in a magnetic field of at least 9000 gauss derived from an Alnico V magnet weighing at least 6.80 ounces. The loudspeaker shall meet the following performance criteria. Power rating, 12 watts. Frequency response, uniform from 70-11,000 Hz. Pressure sensitivity, 95 dB SPL measured at 4' on axis with 1 watt input of band-limited pink noise from 500-3000 Hz. Impedance, 8 ohms. Nominal free-air cone resonance, 80 Hz. Weight, 3 pounds.

The loudspeaker shall be the ALTEC Model 403A.