

Speakers - Horns - Speaker Accessories

Rauland

MODEL: ACC1402- 8" SPEAKER ASSEMBLY



ACC1402

FEATURES

- Preassembly Saves Installation Time and Money
- With 25V/70V Line Matching Transformer
- Full-Range 45-18,000Hz Response
- Full 15 Watts RMS Power Handling

- Coaxial Dynamic Design With Piezo Ceramic Element Tweeter
- Full 10-Oz. Ceramic Magnet
- No Crossover Capacitor Required

SPECIFICATIONS

BAFFLE

Rauland ACC1000:

See Catalog Sheet for detailed specifications

SPEAKER

Type: 8" (20.32 cm) coaxial dynamic with piezo ceramic element tweeter

Frequency Range: 45 to 18,000Hz

Power Rating: 15 watts RMS

Sensitivity: 97dB at 1 meter with 1 watt input

Magnet Weight: 10 oz. (283.5 g) ceramic

Voice Coil Impedance: 8 ohms

Voice Coil Diameter: 1" (2.54 cm)

Flux Density: 10,000 gauss

Transformer: 25V/70V; taps: 1/4, 1/2, 1, 2-1/2, 5 watts

Speaker Depth: 3" (7.62 cm)

Finish: White baked epoxy baffle

Weight Complete Assembly: 3 lbs. 8 oz. (1.59 kg)

DESCRIPTION

The Rauland ACC1402 Speaker Assembly consists of a Rauland USO216 8" Coaxial Speaker complete with 25V/70V line matching transformer assembled to a Rauland ACC1000 Baffle. The quality components are precisely matched for optimum sound reproduction under the most demanding conditions.

The loudspeaker, with its piezo ceramic element tweeter clearly enhances reproduction at all frequencies. The one-piece steel speaker baffle with its attractive white epoxy finish complements any interior handsomely.

ASSOCIATED EQUIPMENT

The Speaker Assembly shall be a Rauland ACC1402 or approved equal. It shall consist of a Rauland USO216 8" (20.32 cm) Coaxial Speaker complete with a 25V/70V line matching transformer, assembled to a Rauland ACC1000 Baffle. The circular baffle shall be 12-7/8" (32.70 cm) in diameter. It shall be constructed of 22-gauge coldrolled steel, with a baked-on white epoxy finish which shall be virtually mar-proof. The entire assembly may be screw-mounted to any standard backbox. The speaker shall be a coaxial type incorporating an 8" diameter low frequency unit, and a 1" (2.54 cm) piezo ceramic high frequency unit with the following specifications.

Frequency response shall be uniform over the range of 45 to 18,000Hz. Ceramic magnet weight shall be at least 10 oz. (283.5 g). Axial sensitivity shall be 97dB at 1 meter with 1 watt input. Power rating shall be 14 watts RMS. Voice coil shall measure 1" (2.54 cm) in diameter and shall have an impedance of 8 ohms. No crossover capacitor shall be required. The speaker shall be equipped with a universal 25V/70V line matching transformer with taps at 1/4, 1/2, 1, 2-1/2 and 5 watts. The complete assembly shall weigh 3 lbs. 8 oz. (1.59 kg).



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