

CO-AXIAL CEILING SPEAKER ASSEMBLY MODEL S-750

FEATURES

8" CO-AXIAL SPEAKER

FLUSH MOUNT

ATTRACTIVE WHITE POWDER EPOXY FINISH

SCRATCH, SCUFF AND NICK RESISTANT GRILLE

COMBINATION 25/70 VOLT TRANSFORMER



DESCRIPTION:

Flush mount ceiling co-axial speaker used for high fidelity music and voice reproduction. The speaker assembly features an 8" speaker with a 3" tweeter, a steel grille with a durable white powder epoxy paint and combination 25/70 volt transformer.

SPECIFICATIONS:

SPEAKERS

8" (20.32 cm) Speaker
3" (7.63 cm) Tweeter

MAGNET WEIGHT

8" Speaker 10 oz
3" Tweeter 3 oz

MAGNET MATERIAL

Ceramic

FREQUENCY RESPONSE

65 Hz to 17 kHz

SOUND PRESSURE LEVEL

98 dB at 1 Meter on Axis With 1 Watt Input at 1 kHz

POWER RATING

8 Watts Continuous

SPEAKER IMPEDANCE

8 Ohm

CROSSOVER

3.5 kHz

Cone Material

Paper With Thin Edge Surround

LINE TRANSFORMER

Combination 25/70 Volt

TRANSFORMER TAPS

8, 4, 2, 1, 0.5 and 0.25 Watts

HOUSING AND FINISH

Circular 22 gauge steel finished in a baked on white powdered-epoxy finish. The underside of the baffle is finished with a continuous coating of zincrometal.

DIMENSIONS AND WEIGHT

13.0" (33 cm) Dia. x 3" (7.62 cm) D
Weight: 2.5 lbs (1.1 kg)

ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

MODEL S-750 CO-AXIAL CEILING SPEAKER ASSEMBLY

The Co-Axial Ceiling Speaker Assembly, Model S-750, shall consist of a co-axial speaker, combination 25/70 volt 8 watt transformer and a round baffle.

The speaker shall be 8" (20.32 cm) in diameter and have a 10 oz ceramic magnet. The tweeter shall be 3" (7.62 cm) in diameter and have a 3 oz. ceramic magnet. The 8" speaker cone material shall be paper with a thin edge surround. The tweeter cone shall be constructed of paper. The impedance of the co-axial speaker assembly shall be 8 Ohm. The diameter of the low frequency voice coil shall be 3/4" (1.84 cm) diameter. The co-axial speaker shall be capable of handling 8 watts continuous power. Sound pressure level at 1 meter on axis with a 1 watt input shall be 98 dB. The frequency response shall be 65 to 17 kHz. The crossover frequency shall be 3.5 kHz.

The baffle shall be constructed with a single piece of 22 gauge steel with a baked on white powdered epoxy finish. The underside shall be finished with a continuous coating of zincrometal for corrosion resistance.

The line transformer shall be capable of operation on a 25 or 70 volt line and provide 6 volume adjustments. The level adjustments shall range from 8 watts to .24 watts.

Maximum dimensions of the grille shall be: Baffle diameter 13"(33cm). Weight shall be approximately 2.5 (1.1 kg).

The co-axial ceiling speaker assembly shall be model S-750 manufactured by Clarity.

Limited Warranty

Clarity warrants its products to be free from defects in materials and workmanship under conditions of normal use and service for a period of one year from the date of shipment. The obligation under this warranty shall be limited to the replacement, repair or refund of any such defective device within the warranty period, provided that:

1. inspection by Clarity indicates the validity of the claim,
2. the defect is not the result of damage, misuse, or negligence after the original shipment,
3. the product has not been in any way repaired by others and that factory sealed units are unopened.
(A service charge plus parts and labor will be applied to units defaced or physically damaged).
4. freight charges for the return of products to Clarity are prepaid,
5. all units "out of warranty" are subject to a service charge. The service charge will cover minor repairs
(major repairs will be subject to additional charges for parts and labor).

This warranty is in lieu of and excludes all other warranties expressed or implied, and in no event shall Clarity be liable for any anticipated profits, consequential damages, loss of time or other losses incurred by the buyer in connection with the purchase, operation or use of the product.

This warranty specifically excludes damage incurred in shipment. In the event a product is received in damaged condition, the carrier should be notified immediately. Claims for such damage should be filed with the carrier involved in accordance with the F.O.B. point.