
FEATURES

- Wide Range Response
 - Pre-Assembled
 - Dual 25/70 V Transformer
 - Low Mounting Profile
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DESCRIPTION

The Telecor S8T2570, 8" loudspeaker/transformer assembly is designed for use in a wide variety of sound distribution and communications systems. It is excellent for music and voice reproduction, exhibiting exceptional voice transmission characteristics.

The assembly consists of an 8" cone loudspeaker, equipped with a dual 25/70 volt line-matching transformer. The transformer features colour-coded primary taps at ¼, ½, 1, 2, and 4 watts. Secondary leads are soldered to the speaker terminals.

ARCHITECT'S & ENGINEER'S SPECIFICATIONS

The speaker/transformer assembly shall be a Telecor model S8T2570 or approved equal, furnished and installed as indicated on the plans.

The loudspeaker size shall be 8 inches with a ceramic magnet and seamless cone. The ceramic magnet shall weigh no less than 6 oz. The speaker shall have a frequency range of at least 50 Hz to 15,000Hz at a 10 watt handling capability, and an axial sensitivity of at least 95 dB at 4 feet, with a 1 watt input. The voice coil shall be 1.0 inch in diameter with an 8 impedance.

The loudspeaker shall be equipped with a factory wired 25/70 volt line-matching transformer. The transformer shall have the primary taps at ¼, ½, 1, 2, and 4 watts. The insertion loss shall be no greater than 1.0 dB. The transformer shall be mounted to the speaker with the secondary leads soldered to the speaker terminals.



S8T2570 SPEAKER ASSEMBLY SPECIFICATIONS

CONE SPEAKER

Speaker Diameter: 8" (203 mm)
 Power Rating: 10 watts
 Frequency Range: 50 Hz to 15,000 Hz
 Magnet: 6 oz
 Axial Sensitivity: 95dB @ 4 ft. (1 watt input)
 Depth: 2 3/4" (70 mm)
 Mounting Holes: 4 holes @ 90 degrees
 7 5/8" d (19.4 cm)

TRANSFORMER

Type: Dual voltage (25/70 volt)
 Power Rating: 4 watts
 Freq. Response: 50 to 18,000 Hz
 Primary Taps: 25 volt / 70 volt
 Secondary Taps: 4,2,1, ½, and ¼ watt
 Prim. Impedance:
 70 volt: 155, 312, 625, 1250, 2250
 25 volt: 1225, 2450, 4900, 9800,
 19600 ohms
 Sec. Impedance: 8 ohms
 Terminations: 4" colour-coded leads

PARTIAL LIST OF ASSOCIATED EQUIPMENT

B11	Round Speaker Baffle
B25	Square Speaker Baffle
B25-S	Square Speaker Baffle
H10	Round Recessed Enclosure
H20	Round Recessed Enclosure
SH20-SB	Square Surface Enclosure
SH20	Square Surface Mounting Frame
CC1	Channel Supports

All product information subject to change without notice.