

SC-651

Horn Speaker

The specified horn speaker shall be designed especially for outdoor applications. The paging horn speaker shall be a double re-entrant design suitable for paging and tone signaling distribution. The speaker component shall be a compression driver with a polyimide diaphragm to prevent deformation from heat and improve low frequency characteristics. Power handling shall be 50 W. Rated impedance shall be 16 ohms. The sensitivity measured at 1m with 1 W of power applied from 500 to 2,500 Hz shall be 109 dB. Frequency response shall be 250 to 6,000 Hz. Horizontal and vertical dispersion at -6 dB below the on-axis reference at 2k Hz shall be 55°(H) × 45°(V). The paging horn shall comply with the IEC IP65 standard for dust and water resistance and operate within a temperature range from -20°C to +55°C (-4°F to +131°F). The speaker shall feature shock-resistant aluminum oval horn. The mounting bracket, bracket holder and the horn flare shall be treated with 50-micron thick powder paint coating, and external hardware (screws, bolts, nuts) shall be made of stainless steel. The paging horn shall include an integral speaker cable, insulated polyvinyl chloride type, with strain-relief, 6 mm (0.24") diameter and 600 mm (23.62") length.

Dimensions shall be 430(W) × 297.5(H) × 327(D) mm (16.93" × 11.71" × 12.87"). Weight shall be 3.4 kg (7.50 lb)

The paging horn shall be TOA model SC-651.