
Paging Horn Speaker

TOA 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 moisture. Power handling shall be 30W. The paging speaker shall include a matching transformer for connection to 25 V and 70 V speaker lines. Transformer wattage taps shall include 70 V: 30W (170 ohms), 15 W (330 ohms), 7.5 W (650 ohms); 25V: 30 W (21 ohms), 15 W (42 ohms) 3.9 W (170 ohms), 2.1 W (330 ohms), 1.1 W (650 ohms). Sound pressure level measured at one meter with one watt of power applied from 500 Hz to 2,500 Hz shall be 113 dB SPL. Frequency response shall be 250 Hz 10 kHz. The paging horn shall comply with the IEC IP-65 standard for dust and moisture-resistance and operate within a temperature range from -40°F to 151°F (-40°C to 66°C). The material/finish shall be horn flare: aluminum, white, powder coating, reflector horn: ABS resin, white, rear cover: ABS resin,gray. All mounting hardware, including screws and bolts, shall be stainless steel. The paging horn shall include a 4-core FPL listed speaker cable, insulated polyvinyl chloride type, with stair-relief 0.19" (4.8mm) diameter and 1.97 ft (600mm) length. Dimensions shall be 11.22" (W) x 8.94" (H) x 10.91" (D) (285 x 227 x 277 mm). Weight shall be 4.42 lbs (2 kg). The paging horn shall be certified to UL 1480 UUMW and ULC-S541 standards.

The paging horn shall be the TOA SC-630TU.