



### **Commercial Loudspeakers DC220T-M A&E Specifications**

**DC220T-M:** The loudspeaker system shall be a full-range ceiling tile mount system with a 165 mm (6.5-inch) transducer. The loudspeaker baffle shall be constructed of UL 94V-0 rated ABS material. A powder-coated perforated steel grille with RAL 9016 white finish shall be factory installed so the system can be installed quickly in a standard 600 mm x 600 mm drop ceiling grid.

The system shall have an operating range of 100 Hz to 18.5 kHz and a low impedance (8 ohm) input capability of 9V. The sensitivity on-axis, referenced to a distance of one meter, and an input voltage of 2.83 V shall be 93 dB. The loudspeaker system shall have a conical coverage pattern of 130 degrees. The nominal system impedance shall be 8 ohms (in low impedance setting).

The system shall be equipped with a 10W high-performance transformer for use in 70.7V or 100V distributed audio systems, with 10W, 5W, 2.5W, 1.25W and 0.625W taps available in 70.7V distributed systems (10W, 5W, 2.5W, and 1.25W taps available in 100V distributed systems). An accessible tap selector switch, side-mounted on the rear enclosure, shall be available for selecting transformer and low impedance settings. The loudspeaker shall be equipped with a 2-conductor cable for audio signal connections. There shall be an input cover with removable knockouts for conduit usage.

A cross-tee bar shall be included to allow installation in larger 600 mm x 1200 mm ceiling grids. The loudspeaker system shall be 603 x 603 mm (23.75 x 23.75 inches) square with a can depth of 107 mm (4.22 inches) including the seismic tab. The loudspeaker system shall weigh 7.4 kg (16.3 lbs). An optional accessory safety cable multi-pack is also available.

The system shall be ETL listed to comply with UL1480, UL2043 and CSA62368-1 and suitable for use in air handling spaces per NFPA70 and NFPA90. The loudspeaker shall be UL listed, CE marked, and shall be compliant with the RoHS directive. The loudspeaker system shall be a DC220T-M.