##### Martin Audio C6.8T

The loudspeaker shall be a two-way, in-ceiling system consisting of a 6.5” low frequency transducer and a 0.8” dome high frequency transducer mounted in a ported enclosure. The enclosure shall comprise a pressed steel backcan with a UL94V-0 fire-rated moulded baffle. The transducers shall be protected by a removable, perforated steel grille.

Input connection shall be made via a four-pin rising-clamp plug and socket with loop-through capability to enable pre-wiring with up to 2.5mm2 cable prior to installation. The connector shall be protected from fire by a steel cover with a clamped cable entry. An attachment tag on the backcan shall enable direct attachment to the building structure as a secondary support.

The loudspeaker shall include a steel support ring and tile rails.

Dispersion shall be 150° conical up to 7kHz. The on-axis frequency response shall be 90Hz-20kHz +/- 3dB and the loudspeaker shall produce a maximum SPL of 112dB peak calculated at 1 metre. Power handling shall be 75W AES, 300W peak.

The loudspeaker shall be equipped with a transformer for 70V or 100V line operation, with taps selected by a rotary switch on the front baffle. The switch shall also provide for 16 ohm low impedance operation of the loudspeaker.

Dimensions (OD x D) shall be 260mm x 181mm (10.2ins x 7.1ins). Weight shall be 3.5kg (7.7lbs).

The loudspeaker shall be the Martin Audio C6.8T.