##### Martin Audio C8.1T

The loudspeaker shall be a two-way, in-ceiling system consisting of an 8” low frequency transducer and a 1” 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 90° conical up to 7kHz. The on-axis frequency response shall be 80Hz-18kHz +/- 3dB and the loudspeaker shall produce a maximum SPL of 116dB peak calculated at 1 metre. Power handling shall be 125W AES, 500W 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 354mm x 258mm (13.9ins x 10.2ins). Weight shall be 6.7kg (14.8lbs).

The loudspeaker shall be the Martin Audio C8.1T.