

**Models: QUAM MA/E5/S7/T1 and QUAM MA/E5/S7/T8**  
**ARCHITECTS' AND ENGINEERS' SPECIFICATIONS**  
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The device shall be an interior grade, suspended complete sound masking loudspeaker assembly in a 4.4 L (275 CID) 22 gage steel enclosure with dust-proof, perforated steel baffle and internal, rigid foam damping material. Finish shall be white baked epoxy hybrid. Signal cabling shall be through an integral 1/2" conduit clamp installed on the side of the enclosure.

Manufacturer shall supply 5'-0 length of light steel chain permitting installation between the structural deck and the suspended ceiling deck in the following orientations: upwards, downwards or sideways.

The loudspeaker assembly shall be equipped with an integral single voltage line transformer for 70.7V operation. Five tap levels shall be available at 4W, 2W, 1W, 0.5W and 0.25W.

The loudspeaker mechanism shall be 8" O.D., co-axial type, with 4.8 oz. (nominal) BeFe magnet structure.

Performance measurement and specification of a typical production unit shall conform to EIA 426A standards:

Sensitivity (SPL at 1m [3.3 ft] with 2.83V input, averaged from 100 Hz to 10 kHz) shall be at least 96 dB-SPL.

Usable frequency response shall extend from 65 Hz to 17 kHz (10 dB below rated sensitivity) with no external equalization.

Rated power for nominal 8 ohm unit shall be at least 12W continuous pink noise.

The loudspeaker shall have a nominal conical polar coverage pattern of 90 degrees (at -6 dB point), averaged 500 Hz to 10 kHz.

The loudspeaker shall weigh no more than 2.5 Kg (5.5 lb).

*Edit as necessary:*

**MA/E5/S7/T1 Only:**

Tap selection is by selecting and energizing color-coded wire pigtailed leads on the side of the enclosure.

**The loudspeaker shall be a QUAM MA/E5/S7/T1.**

*Edit as necessary:*

**MA/E5/S7/T8 Only:**

Tap selection is by rotary switch on the side of the enclosure.

**The loudspeaker shall be a QUAM MA/E5/S7/T8.**

## **END OF SPECIFICATION**

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