

CMAR6T A&E Specifications

CMAR6T: The loudspeaker shall be suitable for mounting in a ceiling or wall and have a 6.5-inch (165.1 mm) driver and a 1-inch (25.4 mm) tweeter in a 2-way design with polypropylene woofer material and an IP rating of IP65. The loudspeaker shall include a transformer with multiple taps of at least 20 W - 10 W - 5 W - 2.5 W at 100 V and 20 W - 10 W - 5 W - 2.5 W - 1.25 W at 70 V. The loudspeaker shall have continuous power handling of 30 watts and the low impedance connection shall present a load of 8 ohms to the amplifier. The output sound pressure level at 1 m with 1 W input level applied shall be at least 89 dB. The maximum output sound pressure level at 1 m with full power applied shall be at least 104 dB. The loudspeaker shall have a frequency response of at least 78 Hz – 20 kHz, have a main construction material of ABS plastic with a stainless-steel grille and will be available in white color. The cutout size for the loudspeaker will be 5.94 inches (151 mm) and the depth will be 2.4 inches (61 mm). The loudspeaker shall be chlorine and saltwater-proof and will operate in hot and humid conditions up to 75 degrees Celsius. The loudspeaker shall be circular in shape.

The loudspeaker shall be a Biamp CMAR6T.