

CORNERE AUDIO

PASSIVE SPEAKER C5TRM

DESCRIPTION

C5TRM is a compact full range speaker with high SPL to-size ratio. Designed to mount flush in corners or on walls without brackets, the C5TRM is made for medium SPL AV installations where strong full range output with low power compression is needed from a compact speaker.

The drive units have been designed by the finest European manufacturers. The 5 1/4" woofer features a strong magnet system with state-of-the-art cooling and less than 2 dB power compression after 8 hours of maximum SPL. The 1" horn-loaded dome tweeter offers excellent sensitivity and combines the output of a horn-loaded design with the clarity of a dome tweeter. Dispersion is very uniform. The extruded aluminium cabinet is well dampened and the triangular shape minimises standing waves inside the cabinet. Featuring an advanced passive woofer, the compact speaker delivers excellent bass reproduction down to 50 Hz. With a very high output-to-size ratio, the C5TRM offers excellent performance in demanding applications.



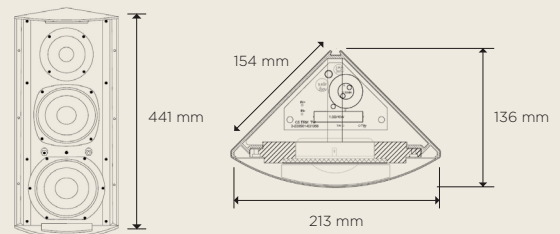
FEATURES

- 5" woofer
- 1" horn loaded dome tweeter
- Aluminium cabinet
- 90 by 90 degree dispersion

COLOURS

- Black // RAL 9005
- White // RAL 9016
- Brushed aluminium

SPECIFICATIONS



Power handling, IEC268	150 watt
Power handling, peak	600 watt
Sensitivity, 2,83V/1m	90 dB
Maximum SPL, long term	112 dB
Maximum SPL, peak	118 dB
Frequency response	55-20.000 Hz
Nominal impedance	8 ohm
Dispersion	90x90 degree
Weight	4,8kg
Dimensions	(HxWxD) 441x213x154mm

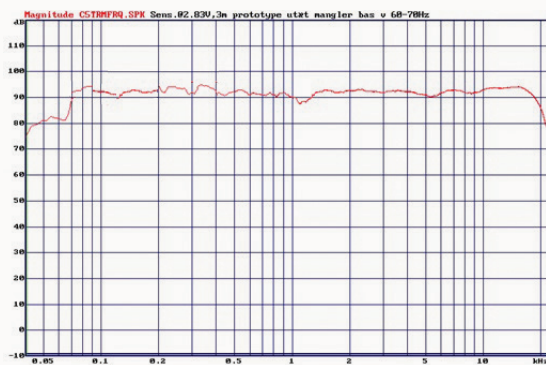
ARCHITECTURAL SPECIFICATIONS

The loudspeaker system shall consist of a 5 ¼" woofer, a 5 ¼" passive woofer for extended bass performance and a 1" horn loaded tweeter with the voice coil damped with magnetic oil for improved power handling. The second-order and 3rd order frequency dividing network shall utilize polypropylene capacitors to reduce hysteresis and air coils to reduce compression.

Performance specifications of a typical production shall be as follows: SPL at 1 m with 2.83 V input shall be at least 90 dB. Nominal impedance shall be 8 ohms, with minimum impedance being 7 ohm @ 14kHz. Rated power handling according to IEC 268-5 shall be at least 150 watt. Frequency response shall be from 55-20kHz +/- 3 dB and dispersion shall be 0+ by 90 degree.

The enclosure shall be rectangular in shape with no visible cable terminals and with a 90 degree angle allowing the speaker to be mounted in corners. It shall be manufactured of aluminium with an MDF baffle and shall incorporate integrated mounting points which allow the speaker to be mounted without brackets. Outside dimensions shall be no greater than 441mm (height) x 213mm (width) x 154mm (side) and weight shall be 4,8kg. The loudspeaker system shall be the Cornered Audio C5TRM.

FREQUENCY RESPONSE



IMPEDANCE

