

CORNERE AUDIO

PASSIVE SPEAKER C5

DESCRIPTION

The compact C5 is a 2-way full-range speaker with a passive woofer that enables the compact speaker to reproduce bass below 50 Hz. With a wide and uniform dispersion, the C5 has a truly room filling sound. The basket of the Danish-designed woofer offers excellent cooling of the motor and very low air compression behind the cone, resulting in superior dynamics and low power compression.

The 1" tweeter features a large surround that improves dispersion at high frequencies. In combination, the two drive units provide excellent clarity and speech intelligibility. The crossovers for the woofer and tweeter section is separated for maximum clarity and detail.

The cabinet features integrated mounting points and hidden cable connection. It is well dampened and the triangular shape minimises standing waves and reflections from inside the cabinet.



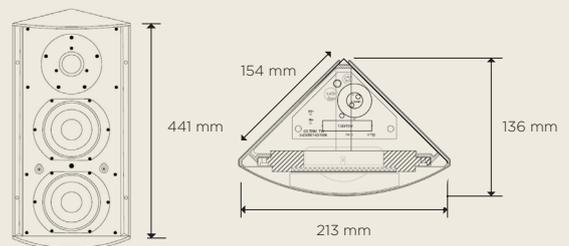
FEATURES

5 1/4" woofer + 5 1/4" passive woofer
1" silk dome tweeter
Aluminium cabinet with MDF baffle

COLOURS

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

SPECIFICATIONS



Power handling, IEC268	100 watt
Power handling, peak	400 watt
Sensitivity, 2,83V/1m	88 dB
Maximum SPL, long term	108 dB
Maximum SPL, peak	114 dB
Frequency response	59-25.000 Hz
Nominal impedance	8 ohm
Dispersion	120x120 degree
Weight	4,1kg
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" tweeter with silk dome and with the voice coil dampened with magnetic oil for improved power handling. The second-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 88 dB. Nominal impedance shall be 8 ohms, with minimum impedance being 6 ohm @ 10kHz. Rated power handling according to IEC 268-5 shall be at least 100 watt. Frequency response shall be from 59-25kHz +/- 3 dB.

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. Cabinet finish shall be satin white with a metal grille covered with white cloth or black with a metal grille covered with black cloth or aluminium with metal grille covered by grey cloth. Outside dimensions shall be no greater than 441mm (height) x 213mm (width) x 154mm (side) and weight.

FREQUENCY RESPONSE



IMPEDANCE

