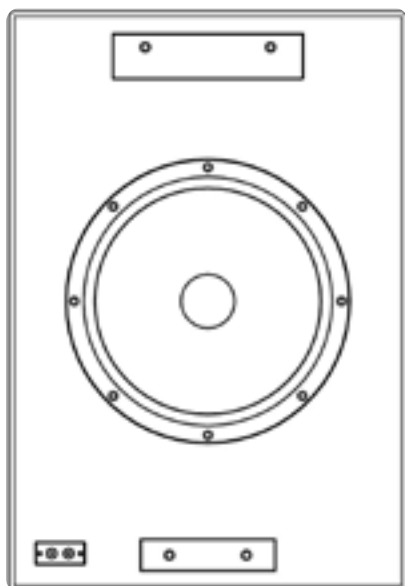


DATASHEET C12S



Description

C12S is a shallow subwoofer with solid output. It is designed for applications where strong output is needed in a discreet form factor. Designed for indoor use and medium SPL applications, the MDF cabinet features an advanced 12" woofer with a very efficient motor design and a carbon fibre reinforced cone. The 75 mm voice coil employs a high strength fibreglass former with windings both on the outer and inner surface of the coil. The result is a balanced voice coil with uniform drive and very low distortion.

Cooling channels in the chassis ensure low power compression and excellent dynamics. The cabinet can hang on the wall or stand on the floor, with the subwoofer being protected from the surroundings. Cables are connected to the screw terminal allowing for up to 4 sq. mm cable thickness which can be recessed from the loudspeakers backside into the front of the cabinet.

C12S is available in black and white and is a powerful yet discreet subwoofer for commercial installation, and can be used together with the Ci and CBL loudspeaker series by Blaze Audio.

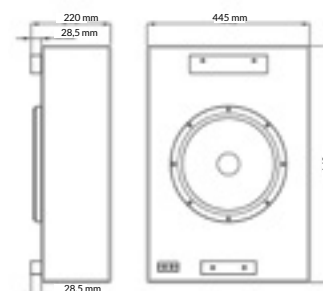
FEATURES

- 12" shallow long throw subwoofer
- Bass reflex design
- For on-wall or on-floor applications
- Painted 18 mm MDF cabinet
- Heavy duty screw terminals

COLOURS



DATA



Power handling, IEC 268:	300 W RMS
Power handling, peak:	1500 W
Max. operating ambient temp.:	40 °C
Sensitivity, 2.83 V/1 m:	95 dB
Maximum SPL, long term:	120 dB
Maximum SPL, peak:	126 dB
Freq response, +/- 3 dB:	45-600 Hz
Nominal impedance:	8 Ω
Recommended amplifier:	300-600 W into 8 Ω
Input/output connectors:	Screw terminals for maximum 2 mm ² cable
Finish:	Painted 18 mm MDF cabinet
Measurements:	649 x 445 x 220 mm (25.55 x 17.58 x 8.66 in)
Weight:	22.25 kg (49.05 lb)
Colour:	Matt Black RAL 9005 Matt White RAL 9010

DATASHEET C12S

Architectural Specifications

The loudspeaker system shall be an on-wall subwoofer based on reflective design. It shall feature a 12" woofer with a 4" voice coil. The cabinet shall be made in 18 mm MDF with either RAL9010 white or black RAL9005 paint.

Performance specifications of a typical production shall be as follows:

SPL at 1 m with 2.83 V input shall be at least 95 dB. Nominal impedance shall be 8 ohm, with minimum impedance being 6.5 ohm @ 235 Hz. Rated power handling according to IEC 268 shall be at least 300 W RMS. Frequency response shall be from 45-600 Hz +/- 3 dB.

The enclosure shall be rectangular in shape with no visible cable terminals and no visible drive units when mounted on the wall. It shall be manufactured in MDF, incorporating integrated wall mounting system which also serve as feet.

Outside dimensions shall be no greater than 649 mm (height) x 445 mm (width) x 220 mm (depth including wall mount) and weight shall be 22,25 kg.

The loudspeaker system shall be the C12S by Blaze Audio.