



Product Technical Data Sheet
Model CM208W

Description

The CM208W is a small format dual 8" high end subwoofer intended for background and foreground music playback as well as small sound reinforcement applications with an operating range down to 33Hz.

The input section includes a low pass crossover as well as high passed outputs that incorporate our series parallel network for driving four 8 ohm satellite speakers at an 8 ohm total load. Additionally, by removing a pair of jumpers the subwoofer can be used with DSP based bi-amp designs while still incorporating the series parallel network for the high pass satellite outputs to avoid using 70V transformers.

As an option the subwoofer can be ordered with an internal 70V 60W transformer. This transformer is in circuit before the crossover so the subwoofer and four CM Series satellites can be powered by one 70V amplifier channel if desired.



Key Features

- Operating range extending down to 33Hz using dual 8" poly cone drivers
- Integrated fly points
- Small format design
- Built in crossover with high pass series/parallel outputs for use with other CM series speakers. This configuration can also be biamped with DSP crossover based designs for maximum performance
- Optional internal 70V 60W transformer that can power the subwoofer and satellites or just the subwoofer with one 70V amplifier channel
- Barrier Strip inputs and outputs
- Available in white or black

Product Specifications	
Operating Range ¹	33Hz - 200Hz
Sensitivity (1W/1M) ²	89dB
Power Handling ³	200W RMS (40 Volts)
Max SPL (calculated) 1 Meter	112dB SPL
Recommended Amp Power for Max Output	400 Watts @ 8 ohms
Nominal Impedance	8 Ohms, 70V 60W tap w/optional transformer
Bi-amp Suggested xover Frequency - HPF	30Hz - 4th order BW
LPF	100Hz - 4th order BW
Transducers	Dual 8" Woofers
Input/Output	Barrier Strip
Dimensions	10.5" (27cm) H 24.6" (62.5cm) W 18" (46cm) D
Enclosure	13ply Baltic Birch
Weight	48 lbs (21.77kg) Shipping 63lbs (28.6kg)
Mounting	(16) Threaded inserts for 3/8" -16 eyebolts
Optional Accessories	Internal 60W 70V transformer
Finish Options	White Black

Applications

- High quality business music playback
 - Retail
 - Restaurant
 - Hospitality
- Home Theater
- Commons area fill music

1. LF at -10dB
 2. Full bandwidth pink noise is applied and amplified to a level and measured at the loudspeaker terminals - corresponding to 1 Watt as referenced to the loudspeakers nominal impedance. SPL is measured in a half-space environment in the loudspeakers far field. Data is extrapolated to 1 Meters distance from the loudspeaker.
 3. AES established with ambient temperature at 22C in accordance with AES/2-1984 standard. IEC stated in RMS voltage according to IEC 268-5



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CM208W Drawings

