

USER'S MANUAL

CHX12D

12" (305 mm) DUAL 4Ω VOICE COIL SUBWOOFER

BOSS[®]
AUDIO SYSTEMS

BOSS Audio Systems

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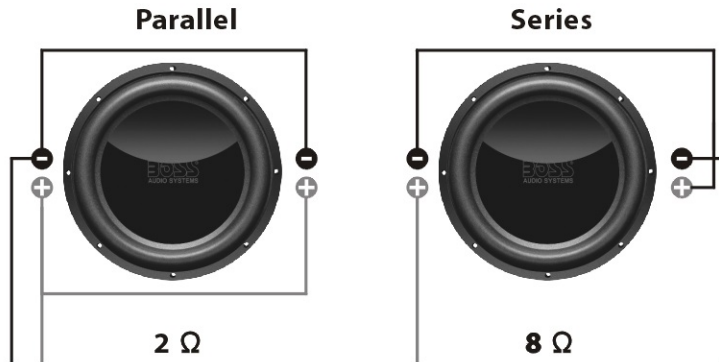
Congratulations on your purchase of the Boss Audio Chaos Series Subwoofer. Boss Audio takes great pride in producing products that look great, sound great and stand up to the daily rigors applied by audio enthusiasts around the world.



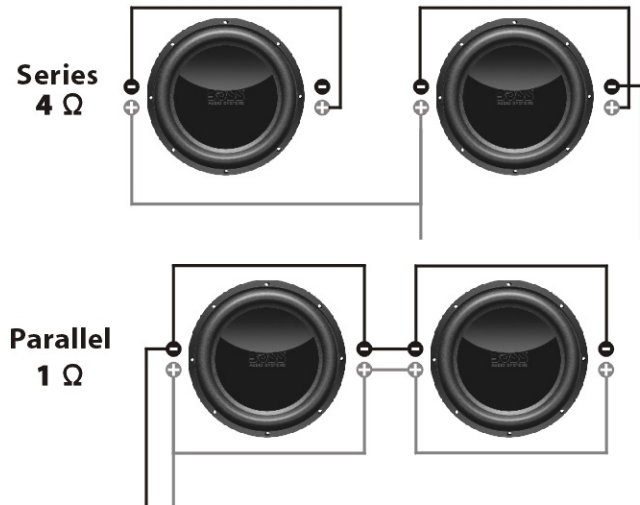
CHX12D 12 " (30 cm) Subwoofer

- *Dual 4Ω Voice Coils*
- *2600 W Peak Power Handling*
- *High Temperature Voice Coils*

Wiring your Subwoofer



Multiple Subwoofers



Products Specifications

Impedance	Dual 4Ω
Resonant Frequency	35 Hz
Qts	0.534
Qms	3.18
Qes	0.642
Vas	2.447 ft ³ (69.3 liters)
Xmax	11 mm
Sensitivity (1 W/ 1 m)	88.6 dB
Peak Power Handling	2600 W
Mounting Depth	6.02" (153 mm)
Cutout Diameter	11" (280 mm)



Enclosures

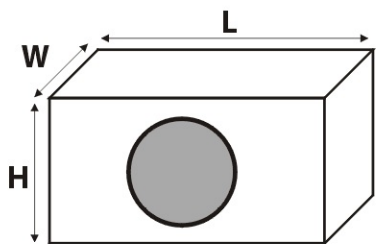
The CHX12D is designed to work in both sealed or ported enclosures,

Since the woofer has pole-vent, it needs a minimum clearance from the rear wall enclosure of 0.75" (19 mm).

Below you will find the dimensions to make the enclosure, it has been designed for maximum output while retaining great sound quality.

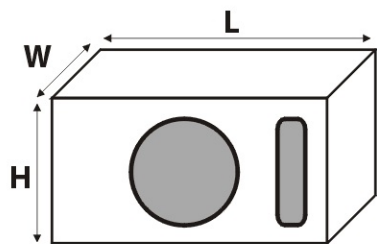
The dimensions have already accounted for the volume displacement of the subwoofer, and using 3/4" (19mm) MDF. All dimensions are external.

Enclosures Dimensions



Sealed Dimensions:

Length (L): 17" (432 mm)
Width (W): 10" (254 mm)
Height (H): 14" (356 mm)
Cutout Diameter: 11" (280mm)
Minimum Int. Volume: 1.2 ft³



Ported Dimensions:

Length (L): 16" (407mm)
Width (W): 17.25" (438 mm)
Height (H): 13.75" (349 mm)
Port Width: 1.25"(32 mm)
Port Height: 11"(280 mm)
Port Length: 26" (661 mm)
Port Extension: 11"(280 mm)
Tuning Freq: 36 Hz
Minimum Int. Volume: 1.5 ft³



Technical Support

If you need technical support with your Boss Audio product or have questions about it's use, please contact us:

805.751.4853

www.BossAudio.com

Due to ongoing product development, specifications are subject to change without notice.