

USER'S MANUAL

AR120DVC

12" (305 mm)

DUAL 4 Ω VOICE COIL SUBWOOFER



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Congratulations on your purchase of the Boss Audio ARMOR 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.



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AR120DVC 12" (30.5cm) Subwoofer

- *Dual 4 Ω Voice Coils*
- *1600 W Peak Power Handling*
- *2"(51mm) High Temperature Voice Coil*
- *Butyl Rubber Surround*



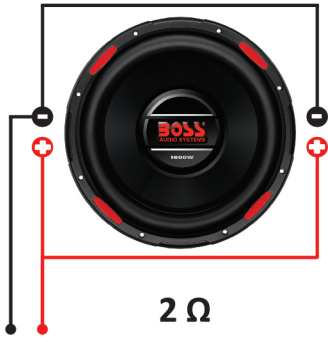
Product Specifications

Impedance	8 Ω (Series)
Resonant Frequency	28 Hz
Qts	0.985
Qms	5.225
Qes	1.214
Vas	3.015 ft ³ (85.38 liters)
Xmax	9.04 mm
Sensitivity (1 W/ 1 m)	85 dB
Peak Power Handling	1600 W
Mounting Depth	5-3/16" (132mm)
Cutout Diameter	11" (279mm)

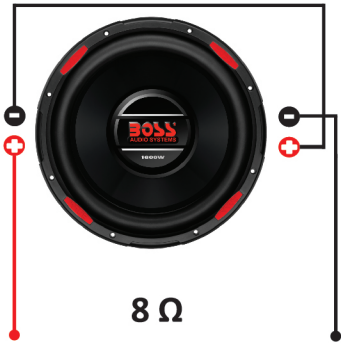
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Wiring your Subwoofer

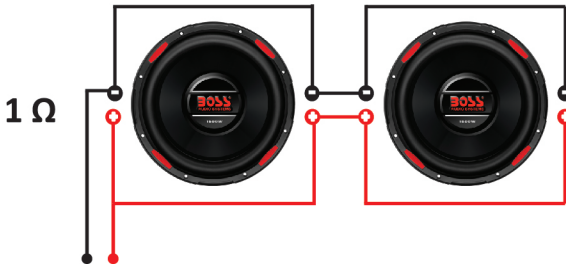
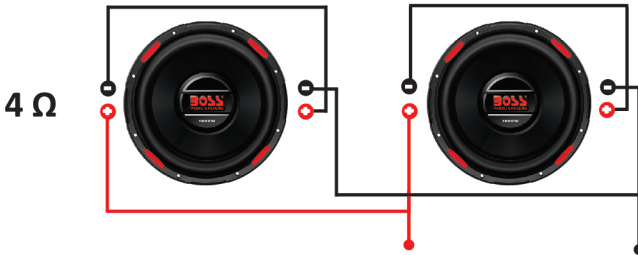
Parallel



Series



Multiple Subwoofers



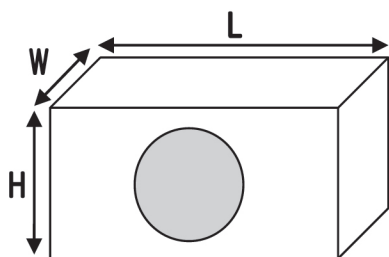
Enclosures

The AR120DVC will work in both sealed and ported enclosures. A sealed enclosure will yield a more linear response. A ported enclosure will roughly increase bass response about 3 – 6 dB.

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

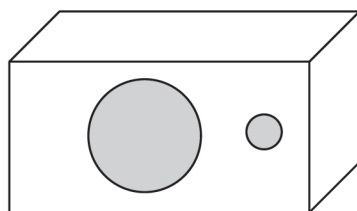
The dimensions have already accounted for the volume displacement of the subwoofer, and using 3/4" (19mm) MDF. All dimensions are external.

Enclosure Dimensions



Sealed Dimensions:

Length (L) : 16.5"(420mm)
Width (W) : 12.6"(320mm)
Height (H) : 9.1"(230mm)
Cutout Diameter: 11"(279mm)
Int. Volume: 1.0 ft³



Ported Dimensions:

Length (L) : 17.7"(450mm)
Width (W) : 12.6"(320mm)
Height (H) : 9.1"(230mm)
Port Diameter : 4"(101.6mm)
Port Length : 16"(406.4mm)
Port Freq : 38.2 Hz
Cutout Diameter: 11"(279mm)
Int. Volume: 1.2 ft³



Technical Support

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

805.751.4853

www.BossAudio.com

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

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