

# USER'S MANUAL

AR10D

10" (254 mm) DUAL 4  $\Omega$  VOICE COIL SUBWOOFER

**BOSS**<sup>®</sup>  
AUDIO SYSTEMS

BOSS Audio Systems  
3451 Lunar Court • Oxnard, CA 93030

[www.bossaudio.com](http://www.bossaudio.com)

800-999-1236 US Toll-free

805-751-4853 Customer Service

Tech Support: [www.bossaudio.com/support/technical-support](http://www.bossaudio.com/support/technical-support)



0017

# USER'S MANUAL

AR10D

10" (254 mm)

DUAL 4  $\Omega$  VOICE COIL SUBWOOFER



**BOSS**<sup>®</sup>  
AUDIO SYSTEMS



**Congratulations on your purchase of the Boss Audio Phantom 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.**



# **BOSS**<sup>®</sup> AUDIO SYSTEMS



## **AR10D 10" (25.4cm) Subwoofer**

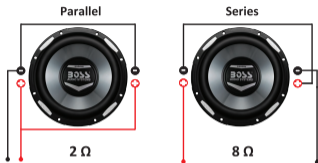
- *Dual 4  $\Omega$  Voice Coils*
- *2200 W Peak Power Handling*
- *2"(51mm) High Temperature Voice Coil*
- *Butyl Rubber Surround*



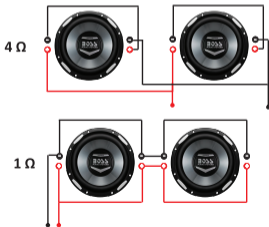
### Product Specifications

Impedance	8 $\Omega$ (Series)
Resonant Frequency	36 Hz
Qts	1.044
Qms	5.449
Qes	1.291
Vas	1.049 ft <sup>3</sup> (29.7 liters)
Xmax	7.54 mm
Sensitivity (1 W/ 1 m)	85 dB
Peak Power Handling	2200 W
Mounting Depth	4-13/16" (122mm)
Cutout Diameter	9-5/16" (236mm)

## Wiring your Subwoofer



## Multiple Subwoofers



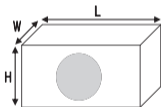
## Enclosures

The AR10D 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) : 15.9"(405mm)  
Width (W) : 11.8"(300mm)  
Height (H) : 10"(256mm)  
Cutout Diameter: 9.29"(236mm)  
Int. Volume: 1.0 ft<sup>3</sup>



### Ported Dimensions:

Length (L) : 16.1"(410mm)  
Width (W) : 11"(280mm)  
Height (H) : 8.3"(210mm)  
Port Diameter : 3"(76.2mm)  
Port Length : 13.6"(345.4mm)  
Port Freq : 38.5 Hz  
Cutout Diameter: 9.29"(236mm)  
Int. Volume: 0.8 ft<sup>3</sup>



### **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](http://www.BossAudio.com)**

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