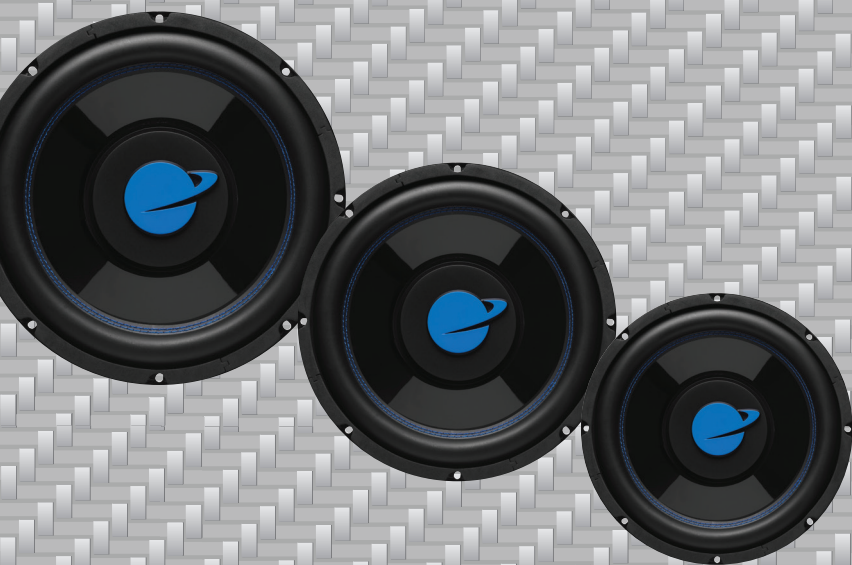


# USER MANUAL



**PL8S | PL10S | PL12S**

1000 WATTS | 12" (305 mm)

800 WATTS | 10" (254 mm)

600 WATTS | 8" (203 mm)

4Ω SINGLE VOICE COIL SUBWOOFER



Planet Audio®



**Congratulations on your purchase of the Planet Audio “PL” Series Subwoofer. Planet 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.**





**Planet Audio®**



**PL8S 8" (20 cm) Subwoofer**

**PL10S 10" (25 cm) Subwoofer**

**PL12S 12" (30 cm) Subwoofer**

- *Single 4  $\Omega$  Voice Coils*
- *High Temperature Voice Coils*
- *Rubber Surround*
- *Polypropylene Cone*

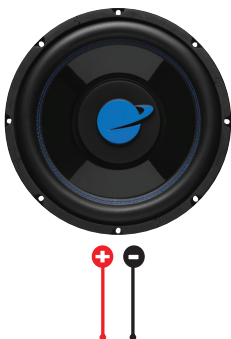




# Planet Audio®

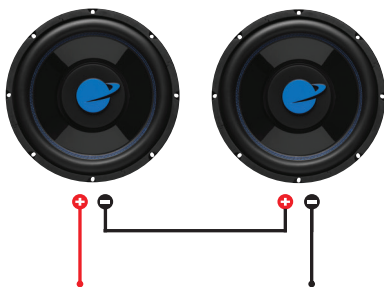
## Wiring your Subwoofer

4  $\Omega$

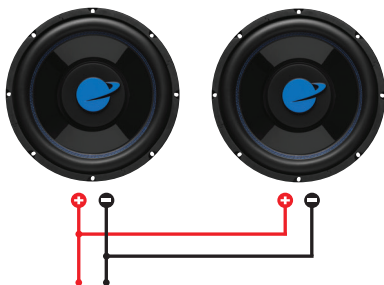


### Multiple Subwoofers

Series  
8  $\Omega$



Parallel  
2  $\Omega$







**Planet Audio®**

## **Product Specifications**

	<b>PL8S</b>	<b>PL10S</b>	<b>PL12S</b>
Impedance	4 $\Omega$	4 $\Omega$	4 $\Omega$
Resonant Frequency	60 Hz	44 Hz	33 Hz
Qts	0.686	1.085	0.866
Qms	6.022	9.798	6.694
Qes	0.774	1.22	0.995
Vas	0.5 ft <sup>3</sup>	1.01 ft <sup>3</sup>	2.91 ft <sup>3</sup>
Xmax	6.5mm	7mm	9mm
Sensitivity (1 W/ 1 m)	88 dB	86 dB	86 dB
Peak Power Handling	600 W	800 W	1000 W
Mounting Depth	3.78" (96 mm)	4.64" (118 mm)	5.0" (127 mm)
Cutout Diameter	7.2" (184 mm)	9.2" (234 mm)	11.1" (282 mm)

## **Enclosures**

The 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.

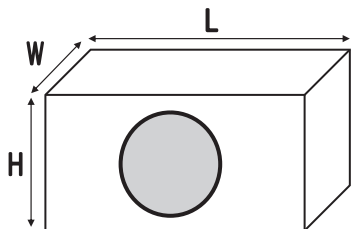
The dimensions have already accounted for the volume displacement of the subwoofer, and using 3/4" (19mm) MDF. All dimensions are external.





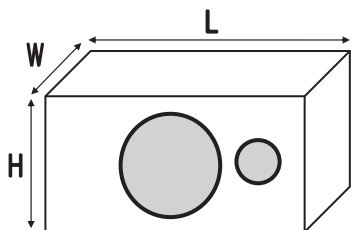
Planet Audio®

## Enclosure Dimensions



### Sealed Dimensions:

	<b>PL8S</b>	<b>PL10S</b>	<b>PL12S</b>
Length (L) :	13" (330 mm)	15" (381 mm)	17" (432 mm)
Width (W) :	8" (203 mm)	10" (254 mm)	12" (305 mm)
Height (H) :	10" (254 mm)	12" (305 mm)	14" (356 mm)
Cutout Diameter:	7.2" (184 mm)	9.2" (234 mm)	11.1" (282 mm)
Minimum Int. Volume:	0.8 ft <sup>3</sup>	1.1 ft <sup>3</sup>	1.3 ft <sup>3</sup>



### Ported Dimensions:

	<b>PL8S</b>	<b>PL10S</b>	<b>PL12S</b>
Length (L) :	15" (381 mm)	17" (432 mm)	22" (559 mm)
Width (W) :	9" (228 mm)	10" (254 mm)	12" (305 mm)
Height (H) :	12" (305 mm)	13" (330 mm)	14" (356 mm)
Cutout Diameter:	7.2" (184 mm)	9.2" (234 mm)	11.1" (282 mm)
Port Diameter:	3.5" (89 mm)	3.5" (89 mm)	4" (102 mm)
Port Length:	8" (203 mm)	9" (230 mm)	11" (280 mm)
Tuning Freq:	50 Hz	37 Hz	27 Hz
Minimum Int. Volume:	1.0 ft <sup>3</sup>	1.2 ft <sup>3</sup>	1.5 ft <sup>3</sup>





## **Technical Support**

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

**805. 751. 4854**

**[www. PlanetAudio. com/support](http://www.PlanetAudio.com/support)**

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





Planet Audio®

## USER MANUAL

**PL8S | PL10S | PL12S**

1000 WATTS | 12" (305 MM)

800 WATTS | 10" (254 MM)

600 WATTS | 8" (203 MM)

4Ω SINGLE VOICE COIL SUBWOOFER

**[www.planetaudio.com](http://www.planetaudio.com)**

### TELEPHONE

805-751-4854 Customer Service

### TECHNICAL SUPPORT

[www.planetaudio.com/support](http://www.planetaudio.com/support)



0222