

**BOSS**<sup>®</sup>  
AUDIO SYSTEMS

**MRGB10W**

**USER'S MANUAL**

**10" (254 mm) MARINE DUAL 2Ω SUBWOOFER**  
FEATURING MULTICOLOR ILLUMINATION AND PATTERN OPTION





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

### ***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.*

\$

# BOSS<sup>®</sup> AUDIO SYSTEMS

MRGB10W - 10" SUBWOOFER



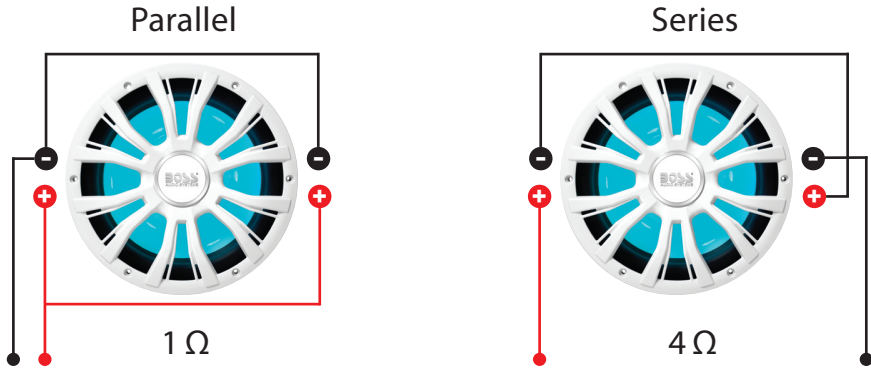
*Dual 2Ω Voice Coils*

800W Peak Power Handling

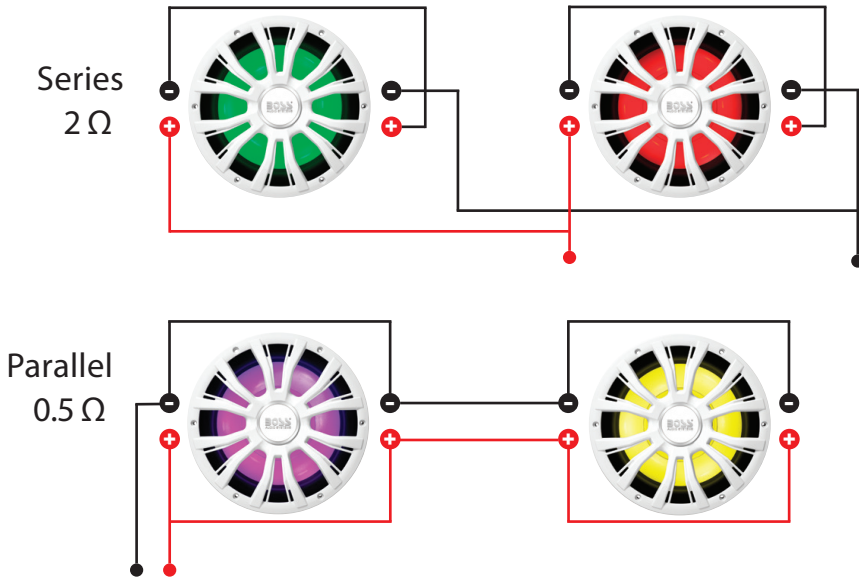
Polypropylene Cone with Rubber Surround

# BOSS<sup>®</sup> AUDIO SYSTEMS

## Wiring Options



## Multiple Subwoofers



# BOSS<sup>®</sup> AUDIO SYSTEMS

## Enclosures

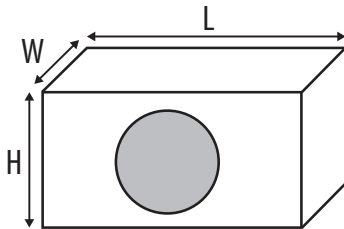
The MRGB10W is designed to work in a sealed or ported enclosure.

Since the woofer has a 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.

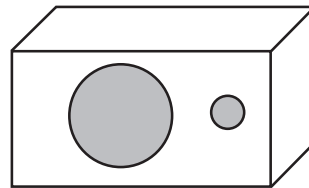
The dimensions have already accounted for the volume displacement of the subwoofer, and using 0.75" (19 mm) MDF. All dimensions are external.

### Enclosure Dimensions



**Sealed Dimensions:**

Length (L): 17" (432 mm)  
Width (W): 9" (229 mm)  
Height (H): 12" (305 mm)  
Cut-out Diameter: 9.39" (238.5 mm)  
**Internal Volume: 1ft<sup>3</sup>**



**Ported Dimensions:**

Length (L): 24" (610 mm)  
Width (W): 12" (305 mm)  
Height (H): 12" (305 mm)  
Cut-out Diameter: 9.39" (238.5 mm)  
Port Diameter: 4" (102 mm)  
Port Length: 13" (330 mm)  
**Internal Volume: 1.9ft<sup>3</sup>**



## Wireless Remote Control Functions

### Power Button

Turn the LED light on or off

### Speed Buttons

Switch to dynamic lighting and select a mode change speed (10 options)

### Color Buttons

Switch to static lighting and select a light mode (20 options)

### Mode Buttons

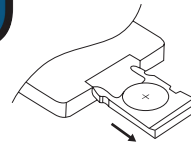
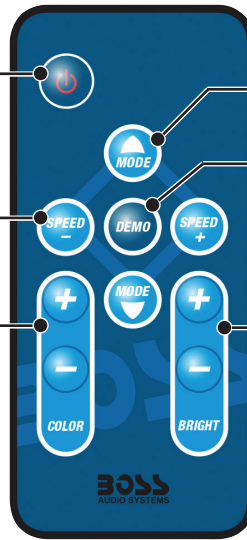
Switch to dynamic lighting and select a light mode (22 options)

### Demo Button

Show 17 dynamic lighting modes in loop. Each mode repeats three times.

### Brightness Buttons

Select a brightness level for static lighting (5 options)



**CR2025 battery replacement**

**OPEN**

### Important notes on battery

- Observe correct polarity while inserting the battery. Replace only with the same type or equivalent type.
- Do not leave the battery under direct sunlight. This may cause fire, explosion or excessive heat.
- Do not recharge, dismantle or short-circuit the battery or throw it into fire.
- Remove the battery from the remote control if not used for a long time.
- The remote control contains a coin/button type battery, which can be swallowed. Keep the battery out of reach of children at all times! If swallowed, the battery can cause serious injury or death.



## Product Specifications

Impedance	Dual 2Ω
Resonant Frequency	40 Hz
Qts	0.68
Qms	7.15
Qes	0.77
Vas	0.96 f <sup>3</sup> (27.1 L)
Xmax (OneWay)	10 mm
Sensitivity (1 W/ 1 m)	85 dB
Peak Power Handling	800 W
Mounting Depth	4.57" (116 mm)
Cut-out Diameter	9.39" (238.5 mm)



BOSS Audio Systems  
3451 Lunar Court • Oxnard, CA 93030  
**[www.bossaudio.com](http://www.bossaudio.com)**  
**805-751-4853 Customer Service**  
Tech Support: [www.bossaudio.com/support](http://www.bossaudio.com/support)

