



PBXS-POD6CLR
PBXS-POD8CLR



LONG RANGE POD SPEAKER SYSTEM
with Remote Controlled RGB Illumination

Application Guide

Please read through this manual to familiarize yourself with your new speakers. Should your PowerBass Xtreme marine speakers ever require service, you will need to have the original dated receipt.



Thank you and Congratulations

Congratulations on your purchase of PowerBass Xtreme speakers. You now own a speaker of uncompromising design and engineering from a factory that truly believes in the relentless pursuit of perfection. Incorporating the highest quality parts and state-of-the-art materials, these speakers display the ultimate balance between high fidelity, performance and long-lasting reliability.



At PowerBass USA, Inc. we are confident you will have many years of outstanding enjoyment from this great SPEAKER investment. For maximum performance we recommend that you have your new PowerBass Xtreme product installed by an Authorized PowerBass Xtreme Dealer.

To learn more about PowerBass, please visit us on the World Wide Web at
<http://www.powerbassusa.com>

Δ Warning Δ

Continuous exposure to sound pressure levels in excess of 100 dB can cause permanent hearing loss. PowerBass Speakers are capable of producing sound pressure levels well over 170 dB. Please observe all local sound ordinances while listening to your PowerBass system. PowerBass USA, Inc. accepts no liability for hearing loss, bodily injury, or property damage due to the result of use or misuse of this product.

POWERBASS XTREME LONG RANGE POD FEATURES

UV Stable Injection Molded Plastic Pod: Molded from marine grade polymer (poly-plastic composite) materials houses the speaker and protects it from the effects of the outdoor environment while providing great looks.

Black Powdered Coated Die-Cast C-Clamp System: Solid Die-Cast Aluminum provides strength and corrosion resistant powder coating and accepts bar sizes 1.5" to 2.75"

Polypropylene Injected Cone: Chosen for its strong yet lightweight body this waterproof woofer cone has UV inhibitors to minimize cracking and fading.

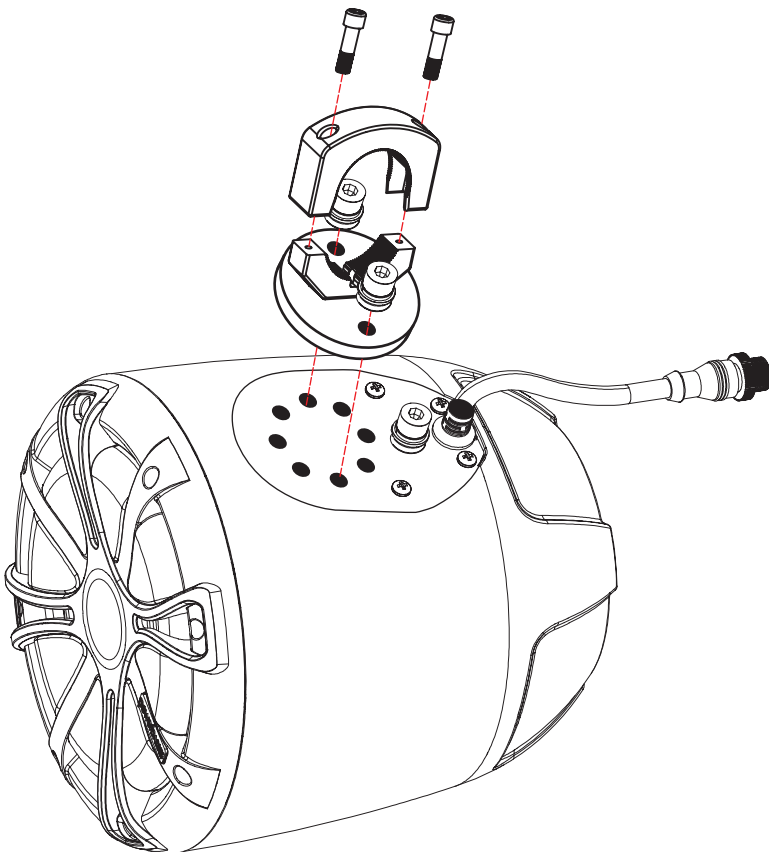
TPU Surround: A synthetic material known for its toughness and flexibility, the black TPU (Thermo-plastic Urethane) surround rejects water, sun and salt spray while at the same time offering superior cone-edge suspension.

1" Aluminum Dome Compression Horn Tweeter: Allows for stronger Long Range output while adding more midrange and upper frequency extension

RGB Illumination: User selectable RGB lighting that can be linked to multiple speakers on a single remote control. Select up to 20 different colors and over 19 different lighting modes.

XL-RGB1 Plug&Play: Plug and Play App based RGB Control with the optional XL-RGB1 Controller (sold separately)

Safety Cable: A braided wire cable provides an extra level of security for the Pod when mounted around the tower bar.



MOUNTING, WIRING AND CONNECTIONS

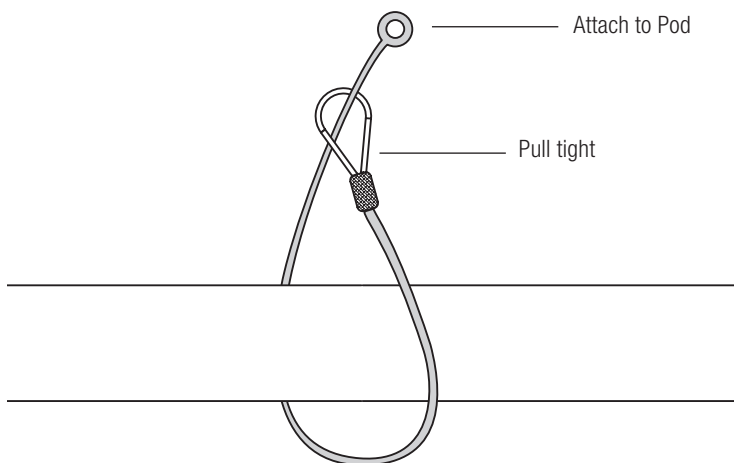
PowerBass highly recommends that a professionally trained installer mount and wire the Pod. This application guide explains how to install PowerBass waketower Pods in a general sense, it may not show the exact installation method for your particular situation. If you feel unsure about personally installing this wakeboard tower Pod speaker system, don't attempt the installation yourself.

CAUTION: Failure to properly mount the Pod could result in the following:

- A) The reliability and performance will suffer due to the movement of the Pod caused by vibration,
- B) A serious safety hazard can result if the Pod is not securely mounted and falls from the tower.

Read these instructions thoroughly before starting installation. For easier assembly, we suggest you run all wires prior to mounting your Pod speakers.

1. Determine where the Pod will be placed on the bar and at what position the speaker will face.
2. To adjust the angle or position of the Pod remove the two clamps from the Aluminum base and then remove the base from the Pod. Reinstall the base at the desired position using the fixed mounting holes located on the top plate of the Pod.
3. Secure clamps to the bar and tighten all bolts using the supplied Lock-tight and Allen wrench.
4. Connect the main cable to the Pod and route to your amplifier.



Attach the safety cable to the Pod

RECOMMENDED POWER

The PBXS-POD6CLR is designed to handle up to 125 watts RMS (continuous) and 250 watts maximum (peak) of input power.

The PBXS-POD8CLR is designed to handle up to 175 watts RMS (continuous) and 300 watts maximum (peak) of input power.

Therefore an outboard amplifier optimized at 4-ohms will be necessary to drive this system. You will want to use an amplifier powerful enough to provide listening comfort. Generally speaking, an amplifier with the same or slightly higher power rating than the RMS power handling should be selected.

CROSSOVER SETTINGS

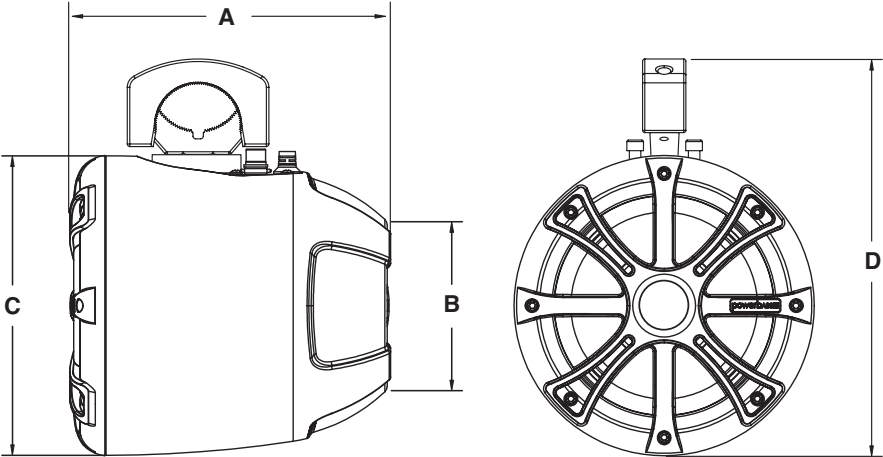
The POD system is designed for full range listening enjoyment. If your amplifier includes an electric (active) crossover, experiment using the settings in High Pass or the Full position. Optimum adjustment can be achieved after listening to your favorite music and varying the crossover frequency.

BREAK IN PERIOD

To get the most from your speaker we recommend a "break-in" period of at least 40 hours at no more than 1/3 of maximum volume. During this time the cone and spider assembly will gradually break in resulting in greater performance and more listening enjoyment.

CAUTION: Damage to the woofers can occur when an amplifier, regardless of its wattage, is made to play at higher listening levels than its power can clearly produce (usually beyond the "1 to 2 o'clock" position on the amplifier gain). This results in very high levels of audible distortion. Contrary to popular belief, a speaker is more likely to be damaged by trying to get too much volume from a low-powered amp than from a high-powered amp.

**PBXS-PODCLR ENCLOSURE
DIMENSIONS AND SPECIFICATIONS**



Specifications	PBXS-POD6CLR	PBXS-POD8CLR
Woofer Size	6.5"	8.0"
Power RMS/Peak	125W/250W	175W/300W
Frequency Response	50Hz - 22kHz	45Hz - 22kHz
Nominal Impedance	4-ohm	4-ohm
Sensitivity (1W/1M)	101dB	101dB
Hang Weight	8.0 lbs (3.63 kg)	11.0 lbs (5.0 kg)

Dimensions	A	B	C	D
PBXS-POD6CLR	8.5" (216mm)	4.65" (118mm)	7.87" (200mm)	11.0" (280mm)
PBXS-POD8CLR	10.24" (260mm)	5.59" (142mm)	9.65" (245mm)	12.75" (324mm)

RGB LED CONTROLLER INSTALLATION AND OPERATION

INSTALLATION:

Your PowerBass Xtreme Short Range Pods come equipped with RGB lighting that can be controlled via the supplied remote control allowing the user to pick between 20 different colors and over 19 different lighting effects. You can link multiple speakers to a single RF receiver for easy control from a single remote.

Once you have found your mounting location and made the proper fitment tests you will next need to route your RGB extension cable. This supplied 18ft extension wire allows you to easily route to other RGB equipped speakers and up to your radio / control panel.

Connect the extension cable to the speakers RGB plug / connectors matching colors for example Green to Green, Blue to Blue. Route your wire to the next speaker in the series or route the RGB cable up to the radio / control panel.

After you have connected all desired Pods RGB wires and routed your extension wire it is now time to connect the RGB RF Receiver.

If you used a daisy chain connection style you will have a single set of RGB wires to connect to your RGB RF Receiver, however if you simply ran them all to your radio/ control panel then you will now need to connect all corresponding colors to each other. Once this is ready you can now connect the RGB wires to the RGB side of the RF Receiver.

Next you will need to connect the power side of the RGB RF Receiver to 12V power and Ground. To prevent battery drain install a switch on the RED +12V wire so you can turn off the RGB RF Receiver when not in use or when stored.

The PBXS Series PODS are also Plug & Play with our optional (sold separately) XL-RGB1 App based RGB Controller to take the light show control into the plam of your hands on your iOS or Andriod device!

RGB LED CONTROLLER INSTALLATION AND OPERATION

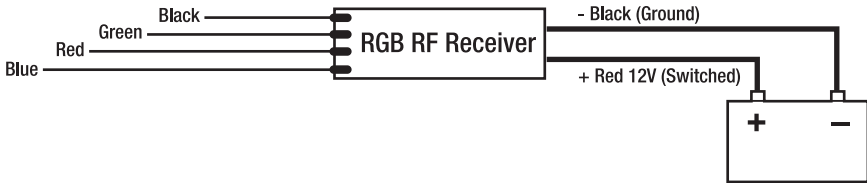


Fig.4

- You can use the remote turn on lead from your radio to trigger a relay. However do not connect your RGB RF Receiver to the head unit Remote wire as this pulls more current than a typical turn on circuit provides.
- You can also use a rocker style switch to turn the receiver on and off. If your boat comes equipped with a radio power rocker switch you can use this as your power source as well.

****Do not install the RGB RF receiver in enclosed metal, as this may interfere with connectivity between it and the remote controller.**

If you do not want to use a remote control and only want to display a single color this can easily be done by connecting the BLACK wire in the 4-wire RGB cable to +12V Power and then connecting the following wire to ground to illuminate the corresponding color.

****You will need to connect the BLACK +12V power to switched power either with a relay or switch to prevent battery discharge when using single color mode.**

COLOR COMBINATIONS:

RED	RED
GREEN	GREEN
BLUE	BLUE
RED/GREEN	BRIGHT GREEN
RED/BLUE	MAGENTA
BLUE/GREEN	AQUA
RED/BLUE/GREEN	WHITE w/ Blue Tint

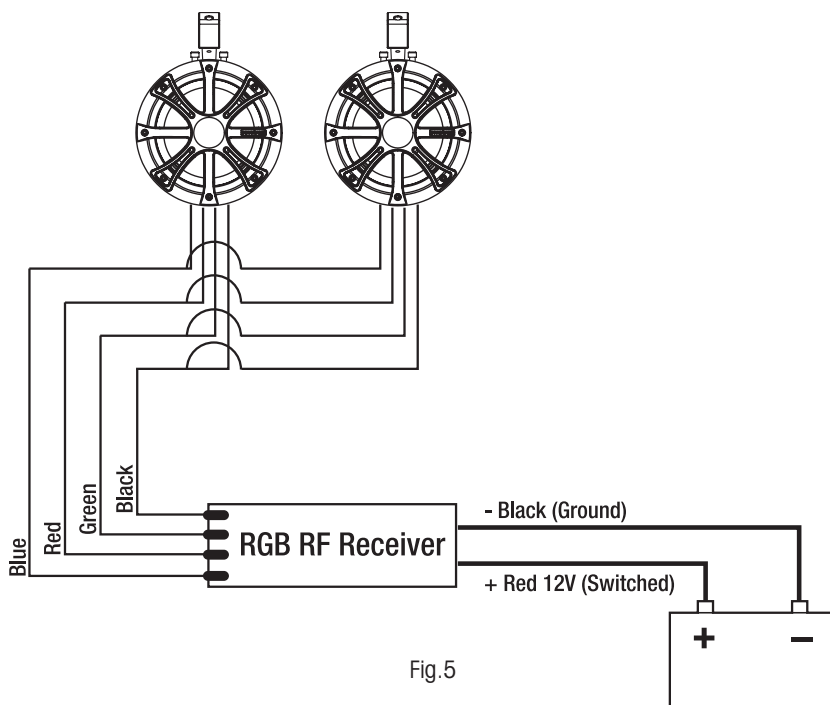


Fig.5

Connecting multiple Pods to a single receiver allows you to control the lighting and effects using a single remote control. You can connect up to 12 speakers or Pods (6 pair) to one receiver.

RGB LED RF REMOTE CONTROL

Your PowerBass Xtreme Pods comes complete with RGB illumination that is controlled with the supplied RF Remote Control. Use this remote control to select up to 20 different colors and over 15 different lighting effects.

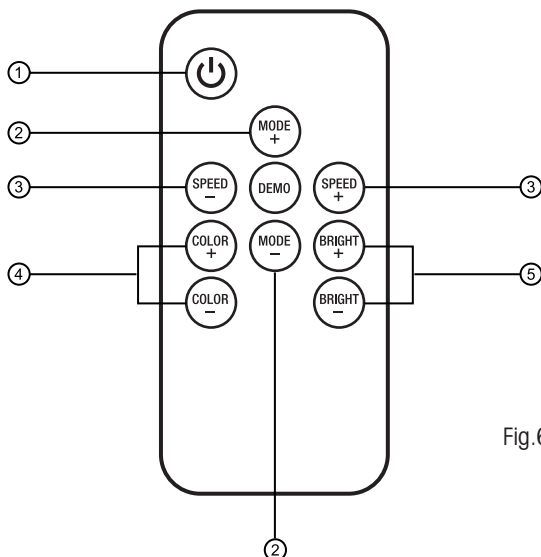


Fig.6

- 1. Turn On/OFF** - This button turns on or off the RGB RF Receiver.
- 2. Dynamic Lighting Effect Mode Adjustment** - Switch between static lighting or dynamic effect mode, or switch between effect when in Dynamic mode.
- 3. Dynamic Lighting Speed Adjustment** - Adjust the speed up + or down - to the desired pattern. If in Static mode the unit will switch to dynamic when the speed is adjusted.
- 4. Static Color Adjustment** - Switch to Static Color mode. Select between 20 different colors.
- 5. Brightness Adjustment** - Static color mode brightness adjustment. Press + to increase brightness or - to decrease brightness. If in Dynamic mode the unit will switch to Static when the brightness is adjusted.

CARE AND CLEANING

The enclosure is constructed of high impact molded plastic and should be cleaned after use with soapy water and a damp cloth. The polished aluminum mounting hardware can be cleaned the same way.

Do not use any cleaners or solvents on the enclosure or grills, otherwise the UV inhibitors may be affected and/or the plastics may discolor.



Product Disposal – Certain international, national and/or local laws and/or regulations may apply regarding the disposal of this product. For further detailed information, please contact the retailer where you purchased this product or the PowerBass Importer/Distributor in your country.

POWERBASS XTREME SPEAKER LIMITED WARRANTY POLICY

PowerBass USA, Inc. offers limited warranty on PowerBass products under normal use on the following terms:

PowerBass Xtreme Speakers are to be free of defects in material and workmanship for a period of one (1) year. The warranty is extended to two (2) years for parts and labor, if an Authorized PowerBass Xtreme Dealer completes the installation.

This warranty applies only to PowerBass products sold to consumers by Authorized PowerBass Dealers in the United States of America. Products purchased by consumers from a PowerBass dealer in another country are covered only by that country's Distributor and not by PowerBass USA.

This warranty covers only the original purchaser of PowerBass product. In order to receive service, the purchaser must provide PowerBass with a valid purchase receipt from an authorized reseller stating the consumer name, dealer, product and date of purchase.

Products found to be defective during the warranty period will be repaired or replaced (with a product deemed to be equivalent) at PowerBass's discretion and will not be liable for incidental or consequential damages. PowerBass will not warranty this product under the following situations:

- **Speakers received with bent frames or water damage**
- **Abuse such as holes in the cone, surround or ripped spider**
- **Voice coil damage due to amplifier clipping or distortion**
- **Product that has not been installed according to this owners manual**

Any implied warranties including warranties of fitness for use and merchantability are limited in duration to the period of the express warranty set forth above. Some states do not allow limitations on the length of an implied warranty, so this limitation may not apply. No person is authorized to assume for PowerBass any other liability in connection with the sale of this product.

Please call (909) 923-3868 for PowerBass Customer Service. You must obtain an RA# (Return Authorization Number) to return any product to PowerBass. **The RA number must be prominently marked on the outside of the shipping carton or the delivery will be refused.** Please pack your return carefully; we are not responsible for items damaged in shipping. Return the defective product along with a copy of the original dated retail sales to:

**PowerBass USA, Inc.,
Attn: Returns (RA# _____)
2133 S. Green Privado, Ontario, CA 91761**

Residents of HI, AK and US territories will be charged for return shipping. All inquiries regarding service and warranty should be sent to the above address.

Removed or altered serial numbers will void this warranty



PowerBass Xtreme (PBX) – A division of PowerBass USA, Inc.

2133 S. Green Privado – Ontario, CA 91761

Tel. (909) 923-3868 – Fax (909) 923-8048

www.powerbassusa.com