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› Pyle PLUTV55BTR 5.25-inch Waterproof Amplified Off-Road Speakers with RGB Lights User Manual

Pyle PLUTV55BTR

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Model: PLUTV55BTR

INTRODUCTION AND OVERVIEW

The Pyle PLUTV55BTR is a 5.25-inch 1000W active and passive two-way off-road speaker system designed for outdoor vehicles such as ATVs, UTVs, 4x4s, Jeeps, and marine watercraft. These speakers feature marine-grade waterproof construction with an IP-X5 rating, ensuring durability in various weather conditions. The system includes RGB lights, Bluetooth wireless music streaming, and a built-in digital sound processing amplifier for full-range stereo sound reproduction.



Image: Pyle PLUTV55BTR 5.25-inch Waterproof Amplified Off-Road Speakers with RGB Lights, showcasing the product design.

WHAT'S IN THE BOX

Carefully unpack the contents and ensure all items are present:

- (1) 5.25" Amplified Main Speaker
- (1) 5.25" Passive Support Speaker
- Speaker Connection Wires, 6.6 ft.
- (2) Butt Connectors, 16-22 AWG
- (2) 1.75" Aluminum Mounting Brackets
- (2) 2" Aluminum Mounting Brackets
- (2) 6.5" x 0.95" x 0.67" Inches Rubber Pads
- (2) 5.7" x 0.95" x 0.67" Inches Rubber Pads
- (2) 6x50mm Hexagon Socket Head Cap Screws
- (2) Stainless Steel Nuts
- RGB Connection Wire, 6.6 ft.
- Remote Control

What's in the BOX?



5.25\" AMPLIFIED MAIN SPEAKER



2X HEXAGON SOCKET
HEAD CAP SCREWS

2X ALUMINUM
MOUNTING BRACKETS

REMOTE

RUBBER PADS

SPEAKER CONNECTION WIRES

2X STAINLESS STEEL NUTS

RGB CONNECTION WIRE

Image: All components included in the Pyle PLUTV55BTR speaker system packaging.

SETUP AND INSTALLATION

Mounting the Speakers

The PLUTV55BTR speakers feature a rugged, universal mount bracket design suitable for roll-bars or roll-cages with diameters between 1.75 inches and 2.0 inches. Use the provided aluminum mounting brackets, rubber pads, hexagon socket head cap screws, and stainless steel nuts to securely attach the speakers to your vehicle.

1. Select the appropriate size aluminum mounting brackets for your roll-bar/roll-cage diameter.
2. Place the rubber pads inside the brackets to prevent scratching and ensure a snug fit.
3. Position the speakers and brackets on the desired mounting location.
4. Secure the brackets using the hexagon socket head cap screws and stainless steel nuts. Ensure all connections are tight to prevent movement during operation.



Image: Pyle PLUTV55BTR speakers installed on a vehicle's roll-bar, demonstrating the universal mounting system.

Wiring Connections

The system includes one amplified (main) speaker and one passive (support) speaker. Connect the passive speaker to the amplified speaker using the provided speaker connection wires. The amplified speaker contains the built-in amplifier and Bluetooth receiver module.

- Connect the speaker connection wires from the amplified main speaker to the passive support speaker.
- Connect the RGB connection wire to the appropriate port on the amplified speaker for LED light control.
- Connect the power supply (DC 12V) to the amplified speaker's integrated power and wiring harness. Ensure correct polarity.
- Use the provided butt connectors for secure and waterproof electrical connections if needed.

OPERATING INSTRUCTIONS

Powering On/Off

Once properly wired to a 12V DC power source, the speakers will power on. The system features an anti-thump turn-on and soft turn on/off circuit to protect the speakers.

Bluetooth Connectivity

The PLUTV55BTR speakers offer simple and hassle-free Bluetooth pairing for wireless audio streaming from your devices.

1. Ensure the speakers are powered on.
2. On your smartphone, tablet, or other Bluetooth-enabled device, navigate to the Bluetooth settings.
3. Search for available devices. The Bluetooth network name for the speakers is 'PyleUSA'.
4. Select 'PyleUSA' to pair your device. A confirmation tone may sound upon successful pairing.
5. Once paired, you can stream audio wirelessly. The wireless range is approximately 30+ ft.



Image: A smartphone displaying a Bluetooth connection icon, indicating successful pairing with the Pyle PLUTV55BTR speakers.

Auxiliary Input

For devices without Bluetooth, use the 3.5mm Aux input jack to connect and stream audio directly. Connect your audio source to the Aux input on the amplified speaker.

RGB Light Control

Use the provided remote control to adjust the RGB lighting effects on the speakers. Refer to the remote control's specific buttons for changing colors, modes, and brightness.

MAINTENANCE

The Pyle PLUTV55BTR speakers are designed with marine-grade waterproof construction (IP-X5 rated) and weatherproof housing. Regular maintenance will help ensure their longevity and performance.

- **Cleaning:** Periodically clean the speaker enclosures with a soft, damp cloth. Avoid using harsh chemicals or abrasive cleaners that could damage the finish or waterproof seals.
- **Inspection:** Regularly inspect all wiring connections for corrosion or damage. Ensure mounting brackets remain secure.
- **Water Exposure:** While waterproof, it is recommended to rinse the speakers with fresh water after exposure to saltwater to prevent salt buildup and corrosion.



Image: A close-up of the Pyle PLUTV55BTR speaker with water droplets, illustrating its waterproof construction and IPX5 rating.

TROUBLESHOOTING

If you encounter issues with your Pyle PLUTV55BTR speakers, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No Power	Loose power connection, blown fuse, no 12V supply.	Check all power connections. Verify the 15A fuse. Ensure the 12V power source is active.
No Sound	Volume too low, incorrect input selected, loose speaker wires, Bluetooth not connected.	Increase volume. Ensure correct input (Bluetooth/Aux). Check speaker connection wires. Re-pair Bluetooth device.
Bluetooth Disconnection/Cannot Pair	Device out of range, interference, previously paired device connected.	Move device closer to speakers. Turn off other Bluetooth devices. Forget 'PyleUSA' on your device and re-pair.
RGB Lights Not Working	Loose RGB connection wire, remote control battery dead.	Check RGB connection wire. Replace remote control battery.

SPECIFICATIONS

Detailed technical specifications for the Pyle PLUTV55BTR speaker system:

- **Speaker Power:** 1000 Watt MAX
- **Amp Power:** 2 x 250 Watt MAX @ 4 Ohms (2 x 125 Watt RMS)
- **Amp Type:** 2-Channel, Class D
- **Marine Grade Waterproof Rating:** IP-X5
- **Speaker Type:** Polypropylene Cone, Butyl Rubber Surround (x2)
- **Tweeter Type:** Neodymium Dome (x2)
- **Impedance:** 4 Ohm
- **Magnet Type:** 24 oz. Circuit
- **Mid-Woofer Voice Coil Type:** 1", Aluminum
- **Sensitivity:** 88 dB +/- 2 dB @ 1M/1W
- **Anti-Thump Turn-On:** Yes
- **Soft Turn On/Off:** Yes
- **T.H.D:** 80dB
- **Channel Separation:** >65dB
- **Amp Freq. Response:** 20Hz-20 kHz
- **Fuse:** 1 x 15A
- **Power Supply:** DC 12V
- **Universal Mounting Brackets Roll-Bar / Roll-Cage Diameter:** 1.75" ~ 2.0" inches
- **Speaker Dimensions:** 6.5" x 7.1" x 9.5" inches, with Bracket (Each)
- **Item Weight:** 1.5 Pounds
- **Connectivity Technology:** Auxiliary, Bluetooth

PRODUCT features

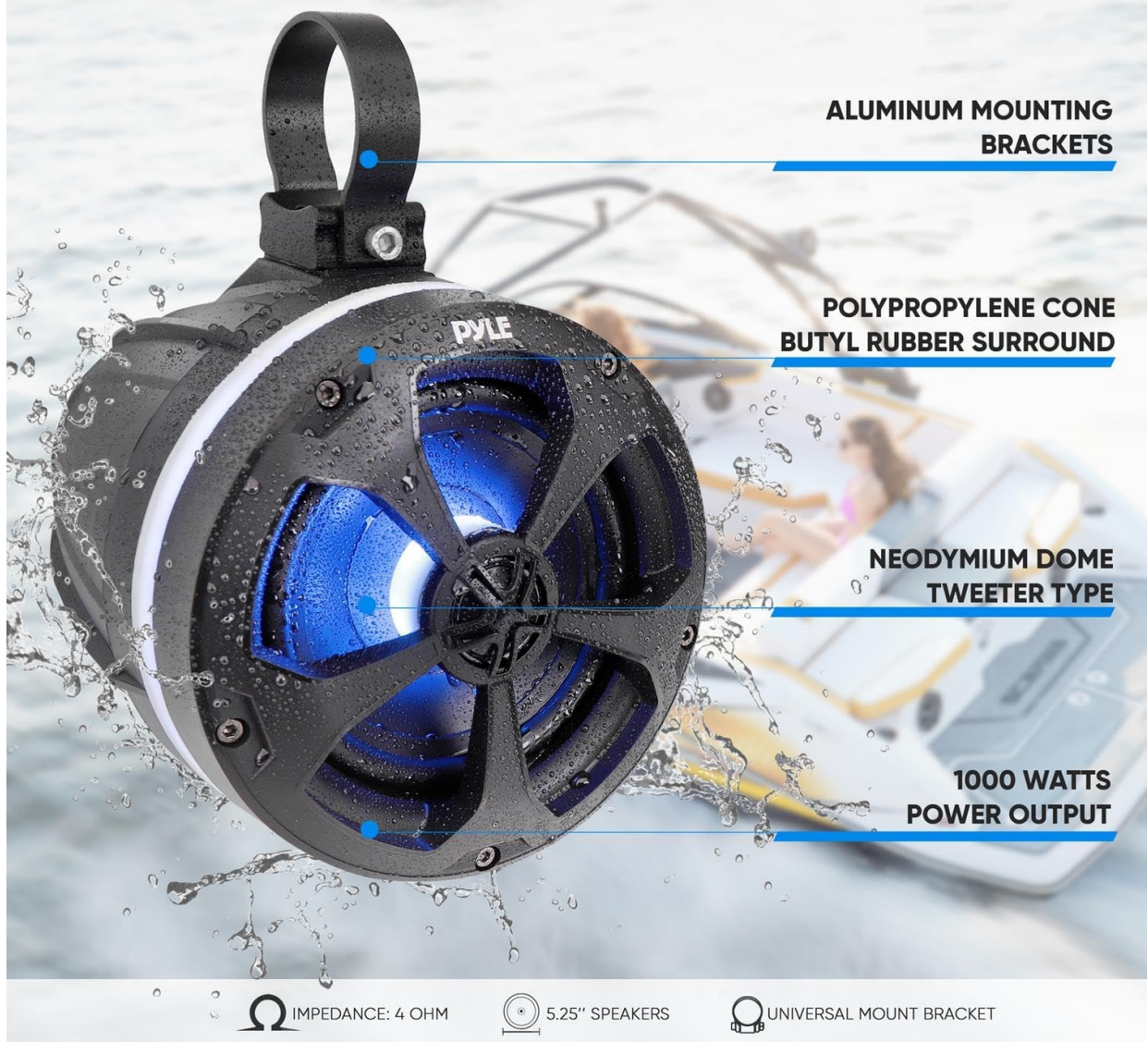


Image: A detailed diagram highlighting the key product features and components of the Pyle PLUTV55BTR speaker, including aluminum mounting brackets, polypropylene cone, butyl rubber surround, neodymium dome tweeter, and 1000 Watts power output.

WARRANTY AND SUPPORT

The Pyle PLUTV55BTR speaker system comes with a limited warranty. For specific details regarding warranty coverage, duration, and terms, please refer to the warranty card included with your product or visit the official Pyle website.

For technical support, troubleshooting assistance, or any questions regarding your product, please contact Pyle customer service. Contact information can typically be found on the Pyle website or in the product packaging.