

Pyle PLUTV40BTA

Pyle PLUTV40BTA 2-Way Waterproof Bluetooth Off-Road Speakers User Manual

Model: PLUTV40BTA

1. INTRODUCTION AND OVERVIEW

The Pyle PLUTV40BTA is a 2-way waterproof Bluetooth off-road speaker system designed for high-quality audio reproduction in challenging outdoor environments. This amplified active and passive speaker system is ideal for use with ATVs, UTVs, 4x4s, Jeeps, and marine watercraft. It features Bluetooth wireless music streaming, an AUX input, and a durable marine-grade waterproof construction, ensuring reliable performance and impressive sound.



Figure 1.1: Pyle PLUTV40BTA Off-Road Speakers

This image displays the two Pyle PLUTV40BTA off-road speakers, showcasing their sleek black design and the prominent Pyle branding. These speakers are engineered for robust outdoor use.

2. PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- (1) Active Off-Road Speaker
- (1) Passive Off-Road Speaker
- (1) 2.5M Speaker Wire (for connecting active and passive speakers)
- (1) 3.5mm Stereo Cable
- (6) Rubber Pads (4.53" x 1.18" x 0.12" -inches)

3. SETUP AND INSTALLATION

3.1 Mounting the Speakers

The PLUTV40BTA speakers feature universal mounting brackets designed for roll-bars or roll-cages with diameters between 1.5 inches and 2.0 inches. Use the included rubber pads to ensure a secure fit and prevent vibration.



Figure 3.1: Speakers Mounted on a Boat's Roll-Bar

This image illustrates the Pyle PLUTV40BTA speakers securely mounted on a boat's roll-bar, demonstrating the universal mounting bracket design suitable for various vehicle types.

3.2 Wiring Connections

The system includes an integrated power and wiring harness. Connect the active speaker to a DC 12V power supply. Use the provided 2.5-meter speaker wire to connect the active speaker to the passive speaker. Ensure all connections are secure and properly insulated to prevent short circuits, especially in marine or off-road environments.



Figure 3.2: Speaker Rear Connections

This image provides a view of the rear connections on the Pyle PLUTV40BTA speakers, illustrating where the wiring harness and speaker wire connect for power and audio signal transmission.

4. OPERATING INSTRUCTIONS

4.1 Powering On/Off

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

4.2 Bluetooth Connectivity

1. Ensure the speakers are powered on.
2. On your Bluetooth-enabled device (smartphone, tablet, laptop), navigate to the Bluetooth settings.
3. Search for available devices and select '**PyleUSA**' from the list.
4. Once paired, you can stream audio wirelessly from your device to the speakers. The wireless range is approximately 30+ feet.



Figure 4.1: Bluetooth Connectivity in Use

This image shows individuals enjoying music with the Pyle PLUTV40BTA speakers, with a smartphone in hand demonstrating the ease of Bluetooth wireless audio streaming.

4.3 AUX (3.5mm) Input

For devices without Bluetooth, or for a wired connection, use the provided 3.5mm stereo cable to connect your audio source to the AUX input jack on the speaker. This allows for direct audio playback from external devices.

5. MAINTENANCE

The Pyle PLUTV40BTA speakers are designed with marine-grade IP-X5 waterproof construction and weatherproof housing, making them highly resistant to water and outdoor elements. To ensure longevity and optimal performance:

- Regularly clean the speaker surfaces with a soft, damp cloth. Avoid abrasive cleaners or solvents.
- Inspect wiring connections periodically for any signs of wear or corrosion, especially after exposure to harsh conditions.

- Ensure mounting brackets remain secure.



Figure 5.1: Waterproof Design

This image highlights the waterproof and water-resistant features of the Pyle PLUTV40BTA speaker, showing water splashing on its surface, ideal for marine and off-road use.

6. TROUBLESHOOTING

If you encounter issues with your Pyle PLUTV40BTA speakers, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
No Sound	No power; incorrect wiring; audio source issue.	Check 12V DC power connection. Verify speaker wire connection between active and passive speakers. Ensure audio source is playing and volume is up.

Problem	Possible Cause	Solution
Bluetooth Disconnection or Pairing Failure	Device out of range; interference; incorrect pairing procedure.	Move device closer to speakers (within 30+ ft). Turn off and on Bluetooth on your device. Forget 'PyleUSA' from your device's Bluetooth list and re-pair.
Distorted Sound	Volume too high; poor audio source quality; damaged speaker.	Reduce volume on both the speaker and the audio source. Test with a different audio source. If distortion persists, contact customer support.

7. TECHNICAL SPECIFICATIONS

Feature	Specification
Speaker Power	900 Watt MAX
Amplifier Power	2 x 450 Watt MAX @ 4 Ohms (2 x 225 Watt RMS)
Power Supply	DC 12V
Amplifier Type	2-Channel, Class D
Sound System	(2) x 4.0" Woofers + (2) x 1" Tweeters
Waterproof Rating	IP-X5 Marine Grade
Speaker Type	Polypropylene Cone, Butyl Rubber Surround (x2)
Tweeter Type	Neodymium Dome (x2)
Frequency Response	105Hz-20kHz
Impedance	4 Ohm
Magnet Type	30 oz. Circuit
Mid-Woofer Voice Coil	1.0", KSV
Sensitivity	90 dB +/- 2 dB @ 1M/1W
T.H.D	<0.05%
S/N Ratio	>70dB
Channel Separation	>65dB
Amplifier Freq. Response	20Hz- 30kHz
Fuse	1 x 15A
Mounting Bracket Diameter	1.5" ~ 2.0" -inches
Speaker Dimensions (L x W x H)	5.5" x 8.0" x 7.4" -inches (with Bracket, Each)
Bluetooth Version	V5.0
Bluetooth Network Name	'PyleUSA'

Feature	Specification
Wireless Range	30+ ft.

8. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the official Pyle website or contact your retailer. A Certificate of Compliance document is available for download [here](#).

For additional assistance or inquiries, please visit the [Pyle Store on Amazon](#).

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