

## BTECH BS-PTT-Wireless-PTT

# BTECH BS-PTT Wireless PTT Device User Manual

Model: BS-PTT-Wireless-PTT

## 1. INTRODUCTION

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This manual provides comprehensive instructions for the BTECH BS-PTT Wireless Push-to-Talk (PTT) device. It covers product features, setup, operation, maintenance, and troubleshooting to ensure optimal performance and user experience. The BS-PTT is designed for seamless integration with BTECH GMRS-PRO and UV-PRO radios, and HFP-compatible Bluetooth headsets or audio systems.

## 2. PACKAGE CONTENTS

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Verify that all items are present in your package:

- BTECH BS-PTT Wireless PTT Device
- 2 x CR1632 Button Batteries (one pre-installed, one spare)
- User Manual (this document)

## 3. PRODUCT OVERVIEW

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The BTECH BS-PTT is a compact, wireless Push-to-Talk button designed to enhance your radio communication experience. It allows for hands-free operation when paired with compatible radios and Bluetooth headsets.



Figure 1: BTECH BS-PTT Wireless PTT Device with Velcro strap.

### Key Features:

- **Seamless Connectivity:** Designed for BTECH GMRS-PRO and UV-PRO radios, and HFP-compatible Bluetooth headsets.
- **Weatherproof Design:** IP54 waterproof rating for outdoor use.
- **Easy Pairing:** Multiple pairing methods for quick setup.
- **Versatile Installation:** Includes a Velcro strap for various mounting options.

## 4. SETUP AND PAIRING

The BS-PTT device offers two primary methods for pairing with your radio: via a mobile application or directly through the radio's control panel.

### 4.1. Pairing via Mobile App (Recommended for GMRS-PRO)

1. Ensure your BTECH GMRS-PRO radio is powered on and Bluetooth is enabled.
2. Open the GMRS-PRO mobile application on your smartphone.
3. Navigate to the Bluetooth settings within the app.
4. Press and hold the PTT button on the BS-PTT device until the indicator light flashes red, indicating it is in pairing mode.
5. Select the BS-PTT device from the list of available Bluetooth devices in the app to complete pairing.

### 4.2. Pairing via Radio Panel (For UV-PRO and other compatible radios)

1. Power on your BTECH UV-PRO radio and ensure Bluetooth is active.
2. Access the Bluetooth menu on your radio's display.
3. Initiate a device search from the radio's menu.
4. Press and hold the PTT button on the BS-PTT device until the indicator light flashes red.
5. Select the BS-PTT device from the list displayed on your radio's screen to establish the connection.



PAIR YOUR PTT VIA  
**MOBILE APP** OR  
**RADIO PANEL**

Figure 2: The BS-PTT device can be paired via a mobile app or directly through the radio panel.



**Figure 3:** The BS-PTT indicator light flashes red when in pairing mode.

## 5. OPERATING INSTRUCTIONS

Once successfully paired, the BS-PTT device functions as a remote Push-to-Talk button for your radio, enabling communication through a connected HFP-compatible Bluetooth headset or audio system.

1. Ensure your radio and paired Bluetooth headset are powered on and connected.
2. To transmit, press and hold the PTT button on the BS-PTT device. Speak clearly into your Bluetooth headset's microphone.
3. Release the PTT button to stop transmitting and return to receive mode.



**Figure 4:** The wireless PTT button triggers the radio to transmit from a Bluetooth device, such as a headset or earbuds.

## 6. INSTALLATION AND MOUNTING

The BS-PTT device comes with a versatile Velcro strap for secure attachment in various locations, providing convenience during use.

- **Index Finger:** Wrap the strap around your index finger for quick, accessible PTT activation.
- **Car Steering Wheel:** Secure the device to your car's steering wheel for easy access while driving.
- **Gear Lever:** Attach it to a vehicle's gear lever for convenient operation.
- **Motorcycle/Bicycle Handlebar:** Mount the PTT button on handlebars for hands-free communication during rides.



**Figure 5:** The BS-PTT device mounted on a motorcycle handlebar for on-the-go communication.



Figure 6: The BS-PTT device attached to a car steering wheel.

## 7. MAINTENANCE

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### 7.1. Battery Replacement

The BS-PTT device uses a CR1632 button battery. When the device no longer powers on or exhibits inconsistent performance, the battery may need replacement.

1. Locate the battery compartment cover on the back of the device.
2. Carefully twist the cover counter-clockwise to open. It may be tight; use a non-abrasive tool if necessary, taking care not to damage the device.
3. Remove the old CR1632 battery.
4. Insert a new CR1632 battery with the positive (+) side facing up.
5. Replace the cover and twist clockwise to secure it.

**Note:** Dispose of old batteries responsibly according to local regulations.

### 7.2. Cleaning and Care

To maintain the device's performance and appearance:

- Wipe the device with a soft, damp cloth. Avoid harsh chemicals or abrasive cleaners.
- Ensure the battery compartment is sealed properly to maintain its IP54 waterproof rating.
- Store the device in a cool, dry place when not in use.

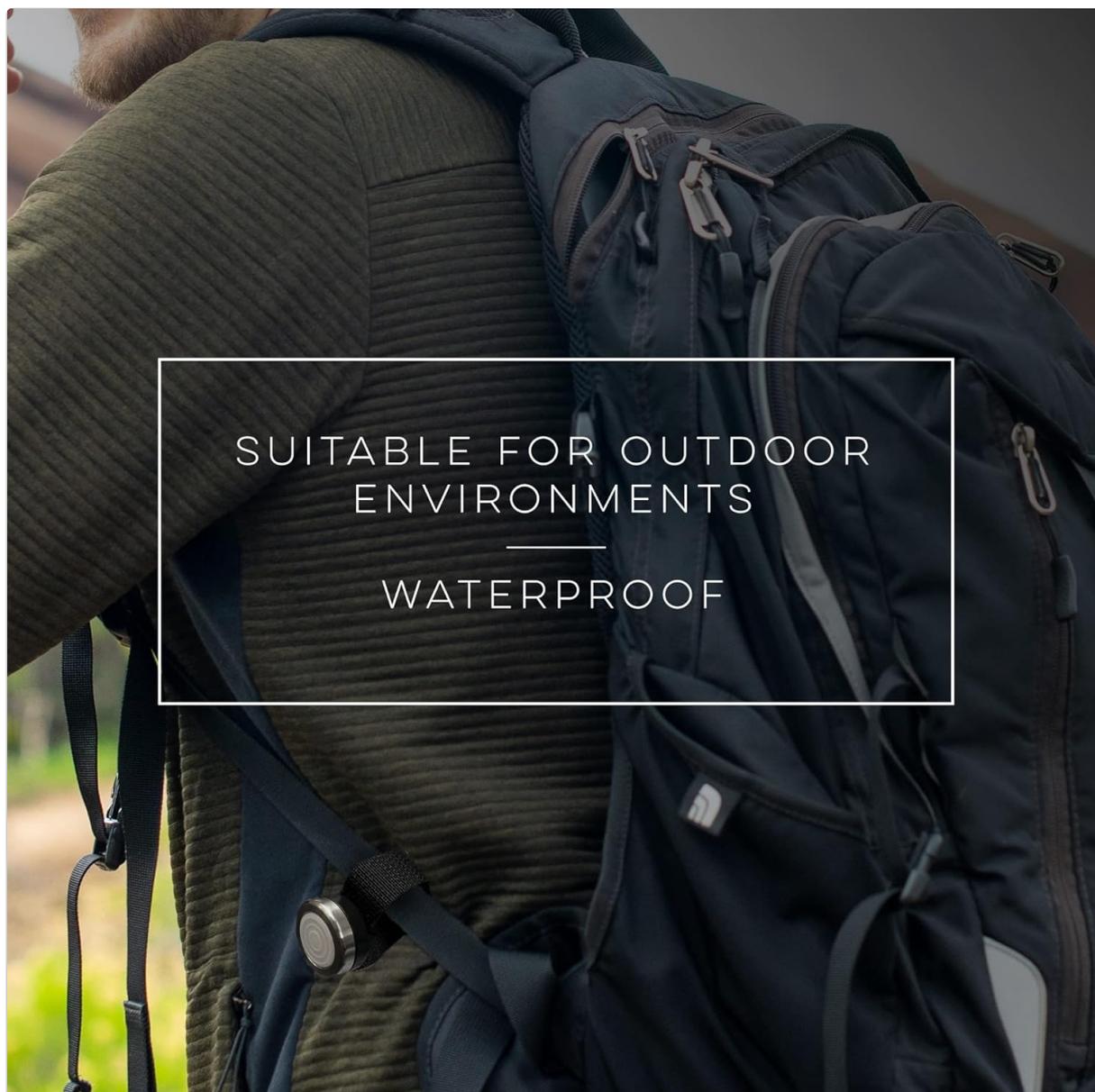


Figure 7: The BS-PTT is suitable for outdoor environments due to its IP54 waterproof rating.

## 8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not power on or respond.	Dead or improperly installed battery.	Replace the CR1632 battery, ensuring correct polarity.
Cannot pair the device.	Device not in pairing mode; radio/app Bluetooth off; interference.	Ensure the BS-PTT is flashing red. Verify Bluetooth is enabled on your radio/app. Move closer to the radio.
Inconsistent PTT activation or poor range.	Obstructions; low battery; environmental interference.	Reduce distance between PTT and radio. Replace battery. Avoid placing radio in enclosed spaces like backpacks.

Problem	Possible Cause	Solution
Audio issues (no transmission/reception).	Bluetooth headset not properly connected or HFP compatible.	Verify your Bluetooth headset is connected and supports HFP profile. Re-pair the headset if necessary.

## 9. SPECIFICATIONS

Feature	Detail
Model Number	BS-PTT-Wireless-PTT
Connectivity Technology	Bluetooth
Compatible Devices	BTECH GMRS-PRO radios, BTECH UV-PRO radios, HFP compatible Bluetooth headsets/audio systems
Power Source	1 x CR1632 Lithium Polymer battery
Waterproof Rating	IP54
Item Weight	0.634 ounces (approx. 18 grams)
Product Dimensions	Approximately 53 x 2 x 0.25 inches (including strap)
Color	Black

## 10. WARRANTY AND SUPPORT

BTECH is a USA-based company committed to providing quality radio products and accessories. All BTECH products come with a USA warranty and dedicated local support.

For technical assistance, warranty claims, or further information, please visit the official BTECH website or contact their customer support. You can also find additional resources and tutorials on the BTECH YouTube channel.

- **Official Website:** [baofengtech.com/download](https://baofengtech.com/download) (for software and resources)
- **YouTube Tutorials:** [youtube.com/c/Baofengtechradio](https://youtube.com/c/Baofengtechradio)

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## Related Documents - BS-PTT-Wireless-PTT

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