

PRYME®

PRYMEBLU® BT-PTT-FSHD Push-to-Talk User's Guide

Heavy Duty Wireless PTT Footswitch
for PoC Applications and PRYMEBLU Radio Adapters



Model No. BT-PTT-FSHD
Made in Taiwan



PRYME® and PRYMEBLU® are trademarks owned by PRYME Radio Products, Brea CA. All other product or service names are the property of their respective owners.
© 2025 PRYME Radio Products, Brea CA. All Rights Reserved

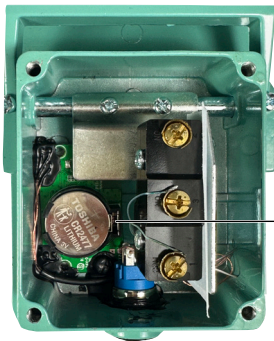
⚠️ WARNING

- **INGESTION HAZARD:** This product contains a button cell or coin battery
- **DEATH** or serious injury can occur if ingested.
- A swallowed button cell or coin battery can cause **Internal Chemical Burns** in as little as **2 hours**.
- **KEEP** new and used batteries **OUT OF REACH** of CHILDREN
- **Seek immediate medical attention** if a battery is suspected to be swallowed or inserted inside any part of the body.



Installing or Replacing the Battery

The BT-PTT-FSHD is powered by a replaceable CR2477 coin cell battery, offering up to five years of operation. When the battery reaches the end of its lifespan, it will need to be replaced. Note that actual operating time may vary based on usage patterns, as well as the battery's age and condition.



Slot for screwdriver to remove battery

To change the battery:

1. Remove the four Phillips screws securing the battery compartment cover.
2. Carefully open the battery compartment, setting aside the cover and rubber sealing gasket.
3. Locate the battery holder inside the device. Use a small flat-head screwdriver to remove the old battery.
4. Insert a new CR2477 3-volt coin cell battery into the holder, ensuring proper polarity. The positive side (marked with a "+") should face away from the circuit board.
5. Reinstall the rubber sealing gasket and the battery compartment cover, then secure them with the four Phillips screws.



- Use only CR2477 batteries.
- Ensure the batteries are installed correctly according to polarity. (+ and -)
- Recycle or dispose of used batteries according to local regulations.
- Always completely secure the battery compartment. If the battery compartment does not close securely, stop using the product, remove the batteries, and keep them away from children.



Controls and Connection



Mounting Eyelets
Three 5 mm eyelets are provided for permanently mounting the footswitch using bolts or screws.

Battery Compartment
The battery that powers the footswitch is located inside of this compartment, which is secured by four Phillips screws.

Foot PTT Switch
Press this switch down to activate the Push-to-Talk function of the PTT app or two-way radio.

Adjustment Screw and Nut
This screw allows you to adjust the footswitch travel, minimizing the distance it moves when pressed. To make this adjustment, hold the nut in place with needle-nose pliers while tightening or loosening the screw on the underside of the footswitch.



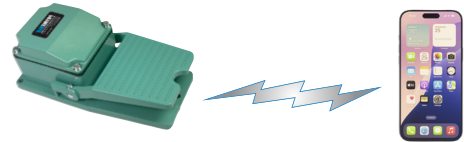
Power Button
This button is used to turn the BT-PTT-FSHD on and off. The button will light briefly when placed into the ON position.

Non-Skid Pads
These two pads on the bottom of the footswitch help to prevent the footswitch from moving or slipping when in use.



NOTE: The BT-PTT has a sleep mode which is used to preserve battery life. This sleep mode will engage when the power switch is turned to the "ON" position and four minutes elapse where the BT-PTT is not connected to a phone or tablet via BT. While sleeping, the power consumption of the BT-PTT is greatly reduced. To wake the device from a sleep state, simply press the footswitch.

USING THE FOOTSWITCH WITH AN APP (ZELLO®)



To get the Zello app on your phone, install Zello from your Zello@Work networks, or download the app from the Google Play store or Apple App Store.

*May also work with other PoC apps, such as ES Chat, Wave Communicator (old version), Unity Intercom, Tassta and others.

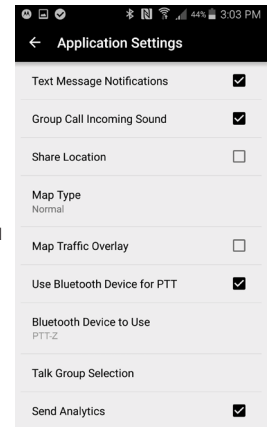
Setting Up Zello (Android)

NOTE: The BT-PTT-FSHD uses a special version of BT called BT Low Energy (BLE). This product can only be used with Android handsets that have hardware support for BLE and are using Android version 5.0 (Lollipop) or newer.

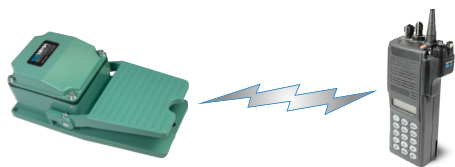
1. Make sure that your phone's BT radio is enabled.
2. Open Zello and tap on the more options symbol ":" in the top right hand corner of the app.
3. Go to Options > Push-to-talk buttons.
4. Tap on the "+ADD BUTTON" option.
5. The app will now attempt to detect the PTT button press. Press and release the PTT footswitch of the BT PTT-FSHD one or more times until detected by the phone.
6. "PTT-Z" will now be shown on the list of available BT PTT buttons.
7. Open the Talk screen in Zello (the screen with a big round button). Pressing the PTT footswitch the BT-PTT-FSHD device should now cause Zello to transmit.

Setting Up Zello (iOS)

1. Make sure that your phone's BT is enabled.
2. Open Zello and go to: Settings > PTT Button > Wireless Zello Button.
3. Make sure that the "Wireless Button Service" is turned on by sliding the button to the right.
4. Press and hold the PTT footswitch on the BT-PTT-FSHD.
5. Select "PTT-Z" from the list of PTT devices shown on the screen.
6. Open the Talk screen in Zello (the screen with a big round button). Pressing the PTT footswitch should now cause Zello to transmit.



USING THE FOOTSWITCH WITH A PRYMEBLU ADAPTER



To pair the BT-PTT-FSHD with a PRYMEBLU Radio Adapter, follow these steps:

1. Power off any wireless headset or audio accessory that has previously been paired to the PRYMEBLU Advanced Adapter.
2. Power off the BT PTT-FSHD.
3. Power off the radio that the PRYMEBLU Adapter is connected to, or power off the PRYMEBLU Adapter if it has a power switch of its own. Wait at least three seconds.
4. Hold down the Talk button on the PRYMEBLU Adapter while powering the adapter or radio back on.
5. Continue to hold the Talk button down until the status LED on the adapter begins to flash two times per second. Note that this can take approximately three to five seconds.
6. Release the Talk button. The PRYMEBLU Adapter is now in audio accessory pairing mode. To enter PTT pairing mode, proceed to the next step.
7. Press and release the Talk button again. The LED on the PRYMEBLU Adapter will now change to three flashes per second. The adapter is now in Push-to-Talk pairing mode.
8. Power the BT-PTT-FSHD on using the power button and then press and release the PTT footswitch two to three times.
9. Keep the PRYMEBLU Adapter and wireless footswitch close to each other and wait a few seconds.
10. Once the devices are paired with each other, the LED on the PRYMEBLU Advanced Adapter will revert to one flash every second.
11. You can now power back on the headset or audio accessory that you previously paired with the PRYMEBLU Adapter and let it reconnect.
12. Once the audio accessory has reconnected, pressing the PTT footswitch on the BT-PTT-FSHD will cause the radio to transmit.

5

COPYRIGHT AND TRADEMARK INFO

© 2025 PRYME Radio Products, Brea, CA. All rights reserved.
PRYME®, PRYMEBLU® are trademarks owned by PRYME Radio Products, Brea, CA.

Android is a trademark of Google Inc.
Apple is a trademark of Apple Inc.
iOS is a trademark of Cisco Systems and is used by Apple Inc. under license.
ZELLO is a trademark of Zello, Inc.
All other product or service names are the property of their respective owners.

DISCLAIMER: The wireless link used by PRYMEBLU products is an open standard, unsecured technology. As such, it may not be suitable for first-responder or other mission-critical users.

SUPPORT AND WARRANTY

PRYME Radio Products warrants this product against defects in materials or workmanship for one year from the date of retail purchase. If the product is found to be defective, PRYME will, at its discretion, repair or replace the unit without charge for parts or labor. This limited warranty is extended only to the original purchaser and is valid only for consumers in the United States and Canada. It does not cover damage or failure caused by acts of God, abuse or misuse, improper or abnormal usage, faulty installation, improper maintenance, lightning or other incidents of excessive voltage, tampering or repairs by anyone other than a PRYME authorized repair facility, replacement of consumable parts, transportation costs or damage in transit.

Repair or replacement under this warranty does not extend the warranty period. This warranty may only be modified by an officer of PRYME Radio Products, and only in writing. If this product proves defective in workmanship or material, the consumer's sole remedy will be repair or replacement as provided by this warranty. Under no circumstances shall PRYME Radio Products be liable for any loss or damage, whether direct, consequential, or incidental, arising out of the use of or inability to use this product. Some states do not allow limitations on how long an implied warranty lasts, or the exclusions or limitations of incidental or consequential damages, so these limitations may not apply to you. This warranty grants you specific legal rights, and you may also have other rights that vary from state to state.

For support or warranty service, contact us at 1-800-666-2654 or visit www.PRYME.com.

6

FEDERAL COMMUNICATIONS COMMISSION INTERFERENCE STATEMENT

This equipment has been tested and found to comply with the limits for a Class B digital device, as specified in Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy. If not installed and used in accordance with the instructions, it may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for assistance.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with FCC RF radiation exposure limits set for an uncontrolled environment. To maintain compliance with FCC RF exposure requirements, please avoid direct contact with the transmitting antenna during transmission.

RF EXPOSURE WARNING!

This device contains transmitters and receivers that emit Radio Frequency (RF) energy. It is designed to comply with the RF energy exposure limits set by the Federal Communications Commission (FCC) of the United States, Industry Canada (IC), and regulatory entities of other countries.

If you are concerned about exposure to RF energy, you can reduce your exposure by limiting the amount of time you use the device or by increasing the distance between your body and the device, as the exposure level decreases significantly with distance.

PRYME®

911 Mariner St., Brea, CA 92821
PH: 714.257.0300 FAX: 714.257.0600
TOLL FREE: 800.666.2654
WWW.PRYME.COM