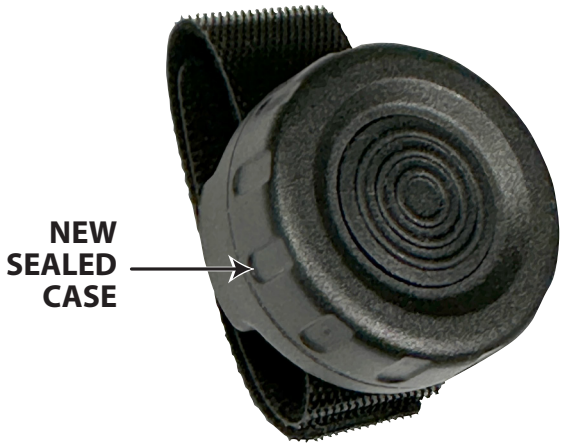
PRYME®

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

Heavy Duty, Waterproof, Mini Wireless PTT switch for PoC Applications



Model No. BT-PTT-Z-HD
Made in Taiwan

FCC ID: XTS-BT-PTT

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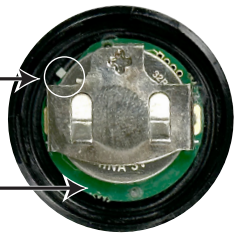
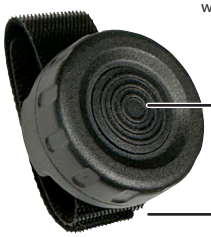
Controls and Connection



Power Switch
This slide switch is used to turn the BT-PTT on and off.Set to the switch to the off position to save battery life when the PTT is not being used

Battery Holder
Located inside the housing of the Push-to-Talk, the battery slot holds one coin cell battery which power the device



PTT Button
Press this button to activate the Push-to-Talk function of the Zello app

Velcro Fastener
Two different sizes of Velcro strap are included which can be used to secure the BT-PTT-Z-HD during use. The smaller of the two straps can be used to attach the button to the user's fingers, a lanyard, or other small diameter location.

Rubber Base
The rubber base is used in conjunction with the longer of the two Velcro fasteners to secure the BT-PTT-Z-HD to a steering wheel, motorcycle handlebar, control stick or a larger diameter location.

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 PTT button.

Installing or Replacing the Battery

The BT-PTT-Z-HD uses one replaceable CR2032 coin cell type battery. The first time you use your BT-PTT-Z-HD you will need to install a new battery. You will also need to replace the battery at the end of its lifetime. A single battery can provide up to one full year of operating time. However, operating time can vary depending on usage cycle and the age and condition of the battery.

To change the battery:
1. Separate the two halves of the BT-PTT-Z-HD housing by securely holding the back cover and rotating the front cover in a counter-clockwise direction until the two halves come apart.

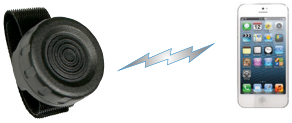
2. Locate the battery holder inside of the device. Remove the old battery from the battery holder if one is installed. A ball point pen can be used to push the battery out of the holder if needed.

3. Insert a new CR2032 3-volt coin cell battery into the battery holder, observing proper polarity. The positive side of the battery (marked with a "+" sign) should face away from the circuit board.

4. Reinsert the two halves of the transmitter housing and rotate the top cover clockwise to tighten.

IMPORTANT: Make sure top and bottom are aligned and tightened properly in order for the device to be waterproof.

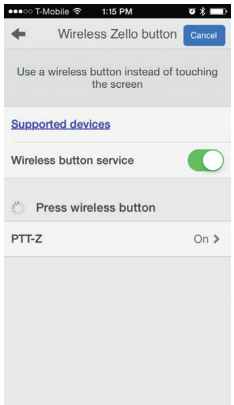
App Setup (Zello)



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.

Setting Up Zello (Android)

NOTE: The PTT-Z 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.

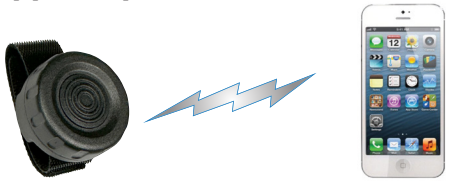


1. Make sure that your phone's BT radio is enabled.
2. Open Zello and tap on the more options symbol " " in the top right hand corner of the app.
3. Go to Options > Push-to-talk buttons.
4. Tap on the "+ADD BUTTON" option.
5. The app will now attempt to detect the PTT button press. Press and release the PTT button of the PTT-Z 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 button the PTT-Z 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 button on the BT-PTT-Z-HD.
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 button the Push-to-Talk device should now cause Zello to transmit.

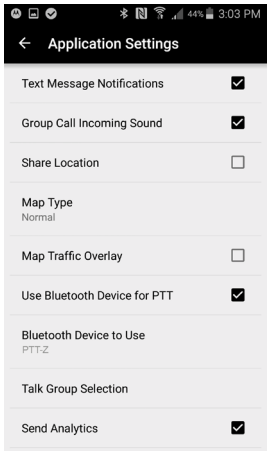
App Setup (Wave Communicator)



To get the WAVE Communicator app on your phone, download the app from the Google Play store or Apple App Store.

Setting up WAVE Communicator (Android)

NOTE: The PTT-Z-HD 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. Press and hold the push-to-talk button on the BT-PTT-Z-HD.

3. On your phone, go to Settings > BT. Select "Search for Devices" from the phone's BT menu. The phone will scan for nearby BT devices and a list showing the names of nearby BT devices will be shown on the screen.

4. Choose "PTT-Z" from the list.

5. Keep the phone and push-to-talk device near each other and wait a few seconds. The devices will pair to each other.

6. Open WAVE Communicator and log in using your username and password.

7. Tap on the More Options symbol " " in the top right hand corner of the app and then tap "App Settings."

8. Make sure that "Use BT Device for PTT" is selected. If it isn't, tap it to select it.

9. Tap on "BT Device to Use" and then select "PTT-Z" from the list.

10. Release the PTT button on the BT-PTT-Z-HD.

Setting up WAVE Communicator (iOS)

1. Make sure that your phone's BT radio is enabled.

2. Open WAVE Communicator and log in using your username and password.

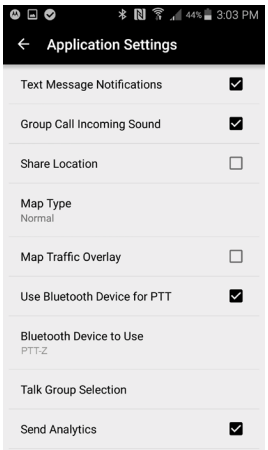
3. Tap on the More Options symbol " " in the top right hand corner of the app and then tap "App Settings."

4. Press and hold the PTT button on the BT-PTT-Z-HD.

5. Make sure that "Use BT Device for PTT" is selected. If it isn't, tap it to select it.

6. Tap on "BT Device to Use" and then select "PTT-Z" from the list.

7. Release the PTT button on the BT-PTT-Z-HD.



Support and Warranty

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

Repair or replacement under the terms of this warranty does not extend the terms of this warranty. This warranty can only be modified by an officer of PRYME Radio Products, and then only in writing. Should this product prove defective in workmanship or material, the consumer's sole remedies shall be such repair or replacement as provided by the terms of this warranty. Under no circumstances shall PRYME Radio Products be liable for any loss or damage, 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 the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights. You may also have other rights, which may vary, from state to state.

For support or warranty service on your PRYME product, contact us at 1-800-666-2654 or visit us on the web at www.PRYME.com.

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WAVE and WAVE COMMUNICATOR are trademarks of Twisted Pair Solutions, a wholly owned subsidiary of Motorola Solutions, Inc.

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Federal Communication Commission Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15c 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 and, if not installed and used in accordance with the instructions, 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 to correct the interference by one of the following measures:
-Reorient or relocate the receiving antenna.
-Increase the separation between the equipment and receiver.
-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-Consult the dealer or an experienced radio/TV technician for help.

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, and (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 forth for an uncontrolled environment. To maintain compliance with FCC RF exposure compliance requirements, please avoid direct contact to the transmitting antenna during transmitting.

RF Exposure Warning!
This device contains transmitters and receivers which emit Radio Frequency (RF) energy. The device is designed to comply with the limits for exposure to RF energy set by the Federal Communications Commission (FCC) of the United States, Industry Canada (IC), and the regulating entities of other countries.

If you are still concerned about exposure to RF energy, you can further limit your exposure by limiting the amount of time you use the equipment or by placing more distance between your body and the device, since exposure level drops off dramatically with distance.

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