

# PRYME®



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

ZU version for use with Zello and Wave Communicator (on both Apple iOS and Android smartphones) push-to-talk apps.



**NOTE:**  
BT-PTT-FOB model shown.  
Appearance and mounting  
mechanism may be different.  
See Page 2 for details.

**Model No. BT-PTT-ZU**  
**Made in Taiwan**

FCC ID XTS-PTT-U



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### ⚠ 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.



## Replacing the Battery

The BT-PTT-ZU uses one replaceable CR2032 coin cell type battery. A single battery can provide up to two full years or more of operating time. However, operating time can vary depending on the usage cycle and the age and condition of the battery. At the end of the battery's lifetime, it is necessary to replace the battery with a new one.



### To change the battery:

1. Remove the 4 small Phillips head screws on the rear of the BT-PTT-ZU using a jeweler's/eyeglass screwdriver. Separate the two halves of the BT-PTT-ZU housing.
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. Repeat the two halves of the housing and reinstall the 4 screws to secure it in place.

**NOTE:** If you are unable to perform the battery replacement yourself, battery replacement service is available from PRYME for a flat fee. Contact PRYME Support for further details.

It is also possible to change the rear housing of the BT-PTT-ZU to switch from one mounting type to another. Replacement backs are available by contacting PRYME's sales and support departments.



- **Ensure the batteries are installed correctly according to polarity (+ and -).**
- **Do not mix old and new batteries, different brands or types of batteries, such as alkaline, carbon-zinc, or rechargeable batteries.**
- **Remove and immediately recycle or dispose of batteries from equipment not used for an extended period of time 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.**

The BT-PTT-ZU is available in three different versions with different mounting configurations.

BT-PTT-FOB



**BT-PTT-FOB:** This version has a flat back and can be mounted to any flat surface using adhesive Velcro or double-sided tape. The eyelet can also be used to attach the PTT to a lanyard, chain, or key ring (not included).

**BT-PTT-STRAP:** Has a ring of Velcro attached to the rear of the PTT and can be mounted to a steering wheel, gear shift, or other knob/handle.

**BT-PTT-RING:** Uses a rubber ring which can be worn on the user's finger.

BT-PTT-STRAP

BT-PTT-RING



## Controls and Connection



### Power Switch

This slide switch is used to turn the BT-PTT-ZU on and off. When the switch is in the "I" position, the device is powered on. Set to the switch to the "O" position to save battery life when the switch is not being used.



### PTT Button

Press this button to activate the Push-to-Talk function of the PTT Over Cellular (POC) app.

### Lanyard Eyelet

You can use this eyelet to attach a lanyard, wrist strap, chain, or key chain split-ring to the BT-PTT-ZU (not included).

**NOTE:** The BT-PTT-ZU 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-ZU is not connected to a phone or tablet via BT.

While sleeping, the power consumption of the BT-PTT-ZU is greatly reduced. To wake the device from a sleep state, simply press the PTT button.

## App Setup (Zello)

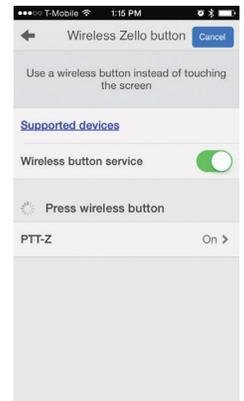


To get the Zello app on your phone, install Zello from your Zello@Work networks, or download the app from the Google Play store or Apple App Store.

### Setting Up Zello (Android)

**NOTE:** The PTT-ZU 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.

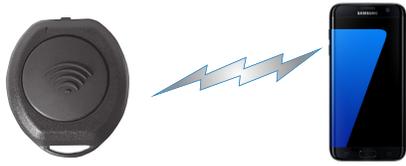
1. Make sure that your phone's BT radio is enabled.
2. Open Zello and tap on the more options symbol "⋮" in the top right hand corner of the app.
3. Go to Options > Push-to-talk buttons.
4. Tap on the "+ADD BUTTON" option.
5. The app will now attempt to detect the PTT button press. Press and release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



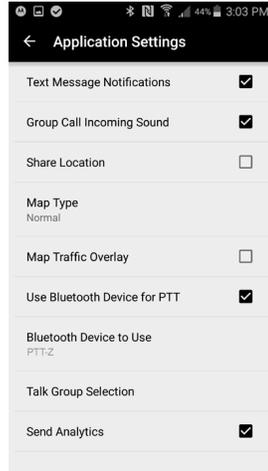
To get the WAVE Communicator app on your phone, download the app from the Google Play store or Apple App Store.

## Setting up WAVE Communicator (Android)

**NOTE:** The BT-PTT-ZU 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.

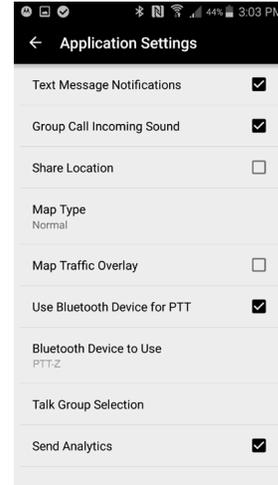
1. Make sure that your phone's BT radio is enabled and the Push-to-Talk is powered on using the slide switch.
2. Press and hold the push-to-talk button on the BT-PTT.
3. On your phone, go to Settings > BT. Select "Search for Devices" from the phone's BT menu. The phone will scan for nearby BT devices 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.

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## Setting up WAVE Communicator (iOS)

1. Make sure that your phone's BT radio is enabled and the Push-to-Talk is powered on using the slide switch.
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.
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.



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## 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](http://www.PRYME.com).

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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 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 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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