

# PRYME<sup>®</sup> RADIO PRODUCTS

## PRYMEBLU<sup>®</sup> PUSH-TO-TALK USER'S GUIDE For use with PRYMEBLU wireless Bluetooth Adapters (Sold Separately)

The PRYMEBLU BT-PTT allows you to Push-to-Talk wirelessly over your two-way radio when using with a PRYMEBLU Adapter and a compatible wireless headset.



This manual applies to the PRYMEBLU BT-PTT Wireless Push-to-Talk transmitter. The PRYMEBLU PTT works with all PRYMEBLU BT-500 series Bluetooth Adapters.

**PRYMEBLU PTT**  
Model No.: BT-PTT  
Made in Taiwan  
FCC ID N2E-BT-PTT

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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!

Please keep product 20cm away from your body or bystander during the radio operation. The typical handheld two-way radios were certified under mobile usage condition (i.e. keep 20cm away from the user body) and use of such radio closer than 20cm may exceed the US RF exposure limit and shall be avoided.

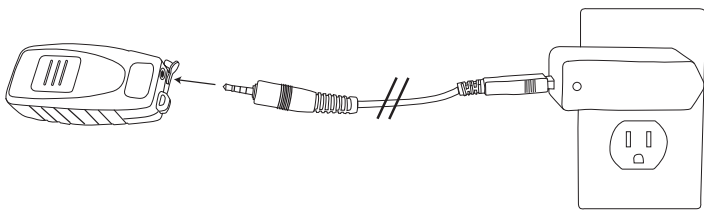
# PRYME<sup>®</sup> RADIO PRODUCTS

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## QUICK START

1. Charge the PRYMEBLU Wireless PTT
2. Pair the PRYMEBLU Adapter with a wireless headset
3. Pair the PRYMEBLU PTT with the PRYMEBLU Adapter
4. Test and Use.



### STEP ONE: Charging the PRYMEBLU PTT

The PRYMEBLU PTT has an internal Lithium Ion rechargeable battery pack which must be charged prior to operation, and must be recharged regularly. A fully charged battery will provide approximately 12 hours (or more) of operation before needing to be recharged.

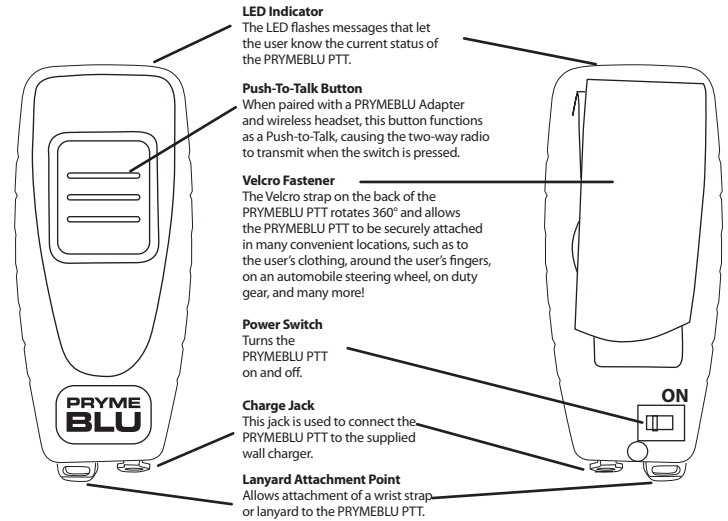
To charge the PRYMEBLU PTT:

- \* Ensure the PRYMEBLU PTT is turned off, using the switch located on the back of the device.
- \* Plug the supplied wall charger into an AC (110V) wall outlet.
- \* Plug the charger into charge jack on the bottom of the PRYMEBLU Adapter. You will need to remove the protective rubber cover that is inserted into the charge jack. (To prevent dust and moisture from damaging your PTT, always ensure this cover is in place when you are not charging the PRYMEBLU PTT.)
- \* The PRYMEBLU PTT takes approximately 4.5 hours to charge. Actual charge time will vary depending on several factors including the battery's charge state, condition, and age.

### Charging Cautions:

- Use only the wall charger supplied by the manufacturer. Do not use any other charger.
- Do not use a wall charger that appears to be damaged. (Example: frayed wires, melted plastic, etc.)
- Contact PRYME to get a new manufacturer-approved replacement charger.
- Do not tamper with or modify the PRYMEBLU PTT or charger.
- Always turn the power switch to the Off position when charging the PRYMEBLU PTT.

## Controls and Connection

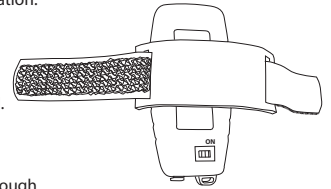


### USING THE FRICTION PAD

The PRYMEBLU PTT is supplied with a rubber Friction Pad. This pad provides additional protection and stability when using the Velcro Fastener on the back of the PRYMEBLU PTT to attach the device to an automobile steering wheel, gearshift, or any other location.

To install the rubber Friction Pad do the following:

1. Open the Velcro Fastener on the back of the PRYMEBLU PTT so that the two straps are separated.
2. Align the Friction Pad so that it is centered over the Velcro Fastener on the back of the PRYMEBLU PTT.
3. Slide one strap of the Velcro Fastener into one of the slots in the Friction Pad and pull the strap through.
4. Slide the other Velcro Fastener strap through the other slot in the Friction Pad.
5. Place the PRYMEBLU PTT in the position you wish to mount it and close the Velcro Fastener.



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## Pairing With an Audio Accessory

### STEP TWO: Pairing the PRYMEBLU Adapter and Wireless Headset

In order to operate, the PRYMEBLU PTT must be paired to PRYMEBLU Adapter (BT-500 series). However, The PRYMEBLU Adapter must first be paired to a wireless Bluetooth headset. To pair these devices, follow this procedure:

Pairing the PRYMEBLU Adapter and Bluetooth Headset

- \* The PRYMEBLU Adapter must be connected to a compatible radio with a freshly charged battery. Ensure the two-way radio, Bluetooth headset, and PRYMEBLU PTT are all powered off.
- \* Place the PRYMEBLU Adapter in Accessory Pairing mode. To do this, turn the two-way radio on while holding down the Talk button on the PRYMEBLU Adapter. Continue to hold the Talk button down for approximately three seconds. Release the Talk button when the status LED flashes two times per second. The PRYMEBLU Adapter is now in audio accessory pairing mode.
- \* Activate the pairing mode on your Bluetooth headset by following the instructions provided by the headset's manufacturer. Once the wireless audio accessory and PRYMEBLU Adapter are paired with each other, the status LED on the PRYMEBLU Adapter will show a constant blue light for three seconds.
- \* Once the headset and PRYMEBLU Adapter have been successfully paired, turn off the two-way radio and Bluetooth headset and wait at least three seconds.

Pairing the PRYMEBLU Adapter and PRYMEBLU PTT

- \* Turn on the two-way radio while holding down the Talk button on the PRYMEBLU Adapter. Continue to hold the Talk button down for approximately three seconds. Release the Talk button when the status LED flashes two times per second. Then, press the Talk button again. The LED should now flash three times per second, indicating that the PRYMEBLU Adapter is now in PTT Pairing mode.
- \* Place the PRYMEBLU PTT in pairing mode by holding down the Push-To-Talk button while moving the power switch to the On position. Continue to hold down the Push-To-Talk button until the LED indicator on the PRYMEBLU PTT flashes blue continuously. You can then release the Push-to-Talk button. The PRYMEBLU PTT is now in pairing mode.
- \* Once the PRYMEBLU Adapter and PRYMEBLU PTT are paired with each other, the status LED on the PRYMEBLU Adapter will show a constant blue light for three seconds and the LED on the PTT will show one blue flash every second.
- \* If the PRYMEBLU Adapter or PRYMEBLU PTT does not detect a compatible wireless accessory within 60 seconds of being put into pairing mode, the devices will exit the pairing mode and resume normal operation.
- \* After pairing is successful, turn off the PRYMEBLU PTT and the two-way radio that the PRYMEBLU Adapter is attached. Wait at least three seconds.

## Pairing With a PRYMEBLU Adapter

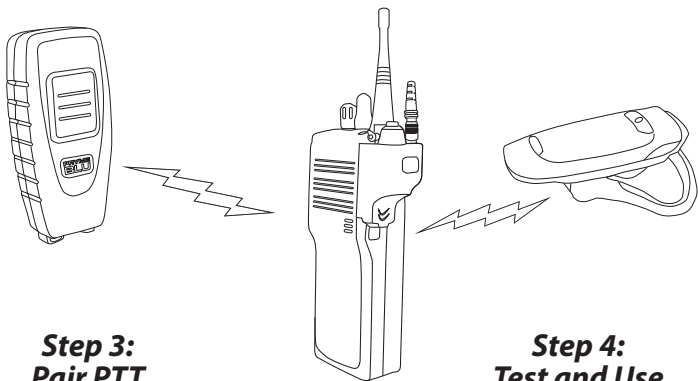
### STEP THREE: Pairing the PRYMEBLU PTT and PRYMEBLU Adapter

After the Bluetooth headset, PRYMEBLU Adapter and PRYMEBLU PTT have been paired with each other you can test and use them together:

- \* Turn on the two-way radio the PRYMEBLU Adapter is connected to.
- \* Turn on the Bluetooth headset. Within a few seconds the LED indicator on the PRYMEBLU Adapter should show a long flash, indicating the Bluetooth headset and PRYMEBLU Adapter are connected.
- \* Turn on the PRYMEBLU PTT. The LED indicator on the PRYMEBLU PTT will flash rapidly. Within a few seconds the LED indicator will show one blue flash per second, indicating that it is connected wirelessly to the PRYMEBLU Adapter.
- \* You will now be able to operate using the wireless accessories. Pressing the Push-to-Talk button on the PRYMEBLU PTT will cause the two-way radio to transmit. Transmit audio will be picked up by the Bluetooth headset. Received signals will also be heard through the Bluetooth headset's earphone.

#### Step 1: Charge

#### Step 2: Pair Headset



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## Troubleshooting

### **My PRYMEBLU PTT will not pair with the PRYMEBLU Adapter.**

Follow the instructions to place the PRYMEBLU Adapter into the correct pairing mode and then activate the pairing mode on the PRYMEBLU PTT. Make sure that the PRYMEBLU Adapter and PTT are within one meter of each other. Make sure that all other nearby Bluetooth devices are turned off. These devices can interfere with the pairing process.

### **My PRYMEBLU PTT worked fine before, but is not working now.**

Ensure that your PRYMEBLU PTT has a fully charged battery and is turned on. Ensure that the Bluetooth headset is powered on and paired with the PRYMEBLU Adapter. If the devices will still do not work, re-pair the PRYMEBLU Adapter, Bluetooth Headset, and PRYMEBLU PTT.

### **After Charging, My PRYMEBLU PTT Does Not Power Up**

Power cycle the PRYMEBLU PTT by setting the power switch to Off, waiting two seconds, and then turn the power switch On. The PRYMEBLU PTT should now operate normally. Always make sure that the power switch on the PRYMEBLU PTT is turned to the Off position when charging.

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## Testing and Using the PRYMEBLU PTT

### STEP FOUR: Testing and Using the PRYMEBLU PTT

After the Bluetooth headset, PRYMEBLU Adapter and PRYMEBLU PTT have been paired with each other you can test and use them together:

- \* Turn on the two-way radio the PRYMEBLU Adapter is connected to.
- \* Turn on the Bluetooth headset. Within a few seconds the LED indicator on the PRYMEBLU Adapter should show a long flash, indicating the Bluetooth headset and PRYMEBLU Adapter are connected.
- \* Turn on the PRYMEBLU PTT. The LED indicator on the PRYMEBLU PTT will flash rapidly. Within a few seconds the LED indicator will show one blue flash per second, indicating that it is connected wirelessly to the PRYMEBLU Adapter.
- \* You will now be able to operate using the wireless accessories. Pressing the Push-to-Talk button on the PRYMEBLU PTT will cause the two-way radio to transmit. Transmit audio will be picked up by the Bluetooth headset. Received signals will also be heard through the Bluetooth headset's earphone.

### STATUS LED MESSAGES

The meanings of the various status LED messages shown by the PRYMEBLU PTT are shown on the following table:

LED INDICATION	MEANING
Long (5 second) blue flash	PTT Powered On
Rapid blue flashing in 3 second bursts	Unpaired operation
One blue flash every 3 seconds	Normal (paired) operation
Two blue flashes every second	Pairing Mode
Rapid blue flashes for 3 seconds	Pairing successful
Red	Push-to-Talk activated
Single flash followed by 5 seconds of rapid flashing	Lost connection
Blue Flashes while Red shows constantly	Unpaired operation
Blue Flashes while Red shows constantly	Low battery or hardware failure

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

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