

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.

PRYME®

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PRYME®

PRYMEBLU® BTH-700-IC/800-IC/900-IC Wireless Dual Muff Headsets

The BTH-700-IC/800-IC/900-IC are BT Muff Headsets designed for use with ICOM BT enabled IC-F3400D and IC-F5400D two-way radios.

CAUTION: This product does not have dual/multi pairing capability, and is not designed to work with a cellular phone/headset. The PRYMEBLU Headset is designed to work only with ICOM BT-enabled 2-way radios.



PRYMEBLU BTH-700-IC
PRYMEBLU BTH-800-IC
PRYMEBLU BTH-900-IC
 Made in Taiwan

**BTH-800-IC
SHOWN**

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Controls and Connections

HEADBAND / HELMET MOUNTING CLIPS
 Depending on the model, the headset may be furnished with mounting clips for attaching to a hard hat (SPM-700-IC), an over-the-head band (SPM-800-IC) or a behind-the-head band (SPM-900-IC).



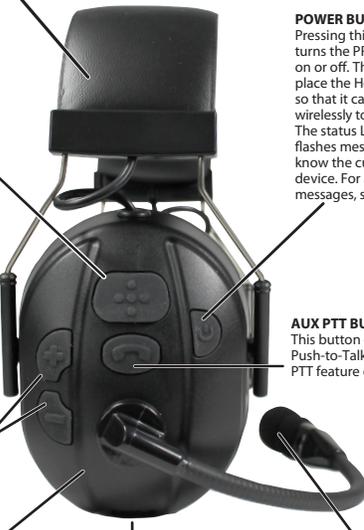
PUSH-TO-TALK BUTTON
 This button is used to activate the push-to-talk feature of the ICOM radio



The PTT button on the BTH-900-IC is different than the BTH-700-IC and BTH-800-IC

VOLUME UP/DOWN BUTTONS
 These buttons are used to adjust the volume level of received calls heard through the Headset.

MUFF EARPHONES
 Received calls are heard through these Headset speakers.



POWER BUTTON / STATUS LED
 Pressing this button for one second turns the PRYMEBLU Muff Headset on or off. This button is also used to place the Headset in pairing mode so that it can be connected wirelessly to an ICOM two-way radio. The status LED behind the button flashes messages that let the user know the current status of the device. For a complete list of LED messages, see pg 6.

AUX PTT BUTTON
 This button can also be used as a Push-to-Talk button to activate the PTT feature of the ICOM 2-way radio.

USB CHARGE JACK
 This micro-USB jack is used to connect the supplied charge cable to the Headset in order to recharge the device's internal lithium-ion battery pack.

ADJUSTABLE BOOM MICROPHONE
 The Muff Headset boom microphone picks up the user's voice audio to send over-the-air.

CHARGING THE HEADSET

The PRYMEBLU Muff Headset has an internal Lithium Ion rechargeable battery pack which must be charged prior to operation. A fully charged battery will provide approximately 10 hours (or more) of operation before needing to be recharged. However, operating time can vary depending on usage and the condition of the battery pack. Recharge the battery regularly.

To charge the PRYMEBLU Headset:

1. Ensure the PRYMEBLU Headset is turned off using the Power Button.
2. Plug the supplied wall charger into a standard 120 volt AC outlet.
3. Plug the charge cable into the AC wall charger and then into the charge jack on the Headset. You will need to remove the protective rubber cover that is inserted into the charge jack. (To prevent dust and moisture from damaging your Headset, always ensure this cover is in place when you are not charging the Headset.)
4. Once the charging process has begun, the LED indicator on the Headset will show a continuous red light. When the battery is done charging, the LED light will turn off.
5. Typical charge time is approximately 4 hours. Actual charge time will vary depending on several factors including the battery's charge state, condition, and age.
6. Disconnect the charger from the lapel mic when charging is completed.

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 Headset or charger.
- Always turn the power switch to the off position when charging the Headset.



P-CBL-USB-MICRO charger cable and P-CHA-BT-USB wall charger included with the Headset.

PAIRING THE HEADSET WITH AN ICOM TWO-WAY RADIO

Before you can use the PRYMEBLU Muff Headset, it must be paired with a BT-enabled ICOM two-way radio.



To pair the Headset with an ICOM two-way radio:

1. Begin by first making sure that the PRYMEBLU Headset is turned off. You should also power off any nearby BT devices to prevent them from potentially interfering with the pairing process.
2. Press and hold down the Power Button on the PRYMEBLU Headset for five seconds, until the LED on the device flashes RED-BLUE-RED-BLUE continuously in sequence. The PRYMEBLU Headset is now in pairing mode.
3. Follow the procedure described in the ICOM radio user's guide enable the BT function.
4. Follow the procedure described in the ICOM radio user's guide to have the radio scan for nearby Earphone devices.
5. On the radio, select the PRYMEBLU Headset as the device to pair with. If the password is required, enter "0000".
6. After a few seconds, the two devices should synch to one another. Once the PRYMEBLU headset and ICOM two-radio are paired with each other the status LED on headset will then show one blue flash every few seconds.
7. Once successfully paired, you will be able to operate your two-way radio using the PRYMEBLU Headset.

STATUS LED MESSAGES

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

LED INDICATION	MESSAGE MEANING
No indication	Device is off
Blue-Red-Blue-Red continuous	Pairing mode
Two short blue flashes	Device turned on
Three red flashes, then off	Device turned off
One blue flash every 2 seconds	Not paired or link lost
One blue flash every 6 seconds	Normal (paired) operation
Continuous red when PTT pressed	PTT operation
One red flash every 6 seconds	Low battery
Continuous red (when connected to charger)	Charging
No indication (when connected to charger)	Charging is finished

SPECIFICATIONS

Dimensions:	220mm X 130mm X 90mm (SPM-700-IC, SPM-800-IC)
	240mm X 230mm X 160mm (SPM-900-IC)
Weight:	350 grams (SPM-700-IC, SPM-800-IC)
	410 grams (SPM-900-IC)
BT Version:	3.0
BT Profiles:	HSP, HFP, A2DP, AVRCP
BT Power Class:	Class 2
Sensitivity:	-90 dB
Range (Typical):	10 meters (30 feet)
Built-in Battery:	3.7V, 330mAh Lithium-Ion
Standby Current Draw:	6 mA
Standby Time:	50 hours (max)
Operating Time:	10 hours (max)
Operating Temperature Range:	-15° C to + 50° C

Reconnecting a Previously Paired Headset and Radio

Once the PRYMEBLU Muff Headset and BT-enabled ICOM two-way radio have been successfully paired together, both devices will remember that connection. The Headset and radio will attempt to reestablish their link whenever they are both powered on and in within range of each other. Re-establishing this connection can take 10-60 seconds.

CAUTION: This product does not have dual/multi pairing capability and is not designed to work with a cellular telephone/handset. The PRYMEBLU Headset is designed to work only with ICOM BT-enabled two-way radios.

TESTING AND USING THE PRYMEBLU MUFF HEADSET

Once your Headset and ICOM two-way radio have been paired together:

Received signals will be heard through the speakers in the PRYMEBLU Muff Headset. The volume of received calls can be adjusted using the Volume Up and Volume Down buttons on the Headset or the volume control on the two-way radio.

The operator's voice is picked-up by the boom microphone in the PRYMEBLU Muff Headset..

Push-to-Talk can be activated by pressing and holding one of the two PTT buttons on the PRYMEBLU headset.

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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DISCLAIMER: The BT 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.