CHARGING THE BTH-300-ZU LAPEL MICROPHONE

The PRYMEBLU BTH-300-ZU lapel microphone has an internal Lithium Ion rechargeable battery pack which must be charged prior to operation. A fully charged battery pack 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 BTH-300-ZU lapel microphone:

1. Ensure the PRYMEBLU Lapel Microphone 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 side of the lapel microphone. You will need to remove the protective rubber cover that is inserted into the charge jack. (To prevent dust and moisture from damaging your lapel microphone, always ensure this cover is in place when you are not using the lapel mic.)
4. Once the charging process has begun, the LED indicator on the back of the PRYMEBLU Lapel Microphone 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 PRYMEBLU BTH-300-ZU lapel microphone or charger.
- Always turn the power switch to the off position when charging the PRYMEBLU Lapel Microphone.

To connect an audio accessory to the BTH-300-ZU lapel microphone:

1. Plug the audio accessory into the 3.5 mm audio jack located on the top of the PRYMEBLU BTH-300-ZU lapel microphone. Make sure that the connector on the audio accessory is push to talk.
2. You can adjust the volume of received signals by using the Volume Up and Volume Down buttons on the lapel microphone or by adjusting the volume setting on the cellphone.

Optional Audio Accessories:
Although the BTH-300-ZU KIT 1 includes a PRYME earbud-style earphone, it is possible to use a different audio accessory, if you wish. The PRYMEBLU BTH-300-ZU lapel microphone will accept any mono or stereo earphone with a 3.5 mm audio plug. You can also use any 3.5 mm 4-conductor (Apple iPhone compatible) audio accessory that includes both an earphone and a microphone such as Apple part numbers ME186LL/A, or MD827LL/A. (Not included.) If the audio accessory has a built-in microphone, transmit audio will be taken from the accessory microphone.

PRYME makes a variety of listen-only earphones and accessory microphones in different styles that will work with the BTH-300-ZU:

<table>
<thead>
<tr>
<th>Model</th>
<th>Type</th>
<th>Style</th>
</tr>
</thead>
<tbody>
<tr>
<td>BTH-300-ZU KIT 1</td>
<td>EH-11895C</td>
<td>Listen-only Earbud Earphone</td>
</tr>
<tr>
<td>BTH-300-ZU KIT 2</td>
<td>EH-13995C</td>
<td>Acoustic Tube Earphone</td>
</tr>
<tr>
<td>BTH-300-ZU KIT 3</td>
<td>EH-30995C</td>
<td>Bullet Transducer Acoustic Tube Earphone</td>
</tr>
<tr>
<td>BTH-300-ZU KIT 4</td>
<td>EH-G9995C</td>
<td>G-Hook Swivel Earphone</td>
</tr>
<tr>
<td>BTH-300-ZU KIT 5</td>
<td>SP-M-4990</td>
<td>Mic-Earphone Boom Mic Headset with D-Ring Earphone</td>
</tr>
<tr>
<td>BTH-300-ZU KIT 6</td>
<td>SP-M-1599</td>
<td>Mic-Earphone Throat Mic Headset with Acoustic Tube Earphone</td>
</tr>
<tr>
<td>BTH-300-ZU KIT 7</td>
<td>SP-M-8998</td>
<td>Mic-Earphone Motorcycle Helmet Boom Mic Kit</td>
</tr>
</tbody>
</table>
The BTH-300-ZU lapel microphone is designed to work with smartphones running either the Android or Apple iOS operating systems. Prior to normal operation, the phone and lapel microphone must be paired together using the following process:

1. When pairing the lapel microphone with a cellphone, first make sure that the BTH-300-ZU and all other nearby Bluetooth devices are powered off before beginning.
2. Press and hold down the Power Button on the BTH-300-ZU for five seconds, until the LED on the lapel microphone flashes RED-BLUE-RED-BLUE continuously in sequence. The BTH-300-ZU lapel microphone is now in pairing mode.
3. Activate the Bluetooth feature on your phone.
4. Activate the “scan/discover new Bluetooth devices” feature on the phone. The exact steps needed to do this will vary depending on the brand/model of phone you are using.
5. Select the PREYMEBLU BTH-300-ZU from the list of Bluetooth devices shown on your phone. If the phone asks for a passcode, enter “0000”. The phone may also prompt you to confirm the connection.
6. After a few seconds, the two devices should sync to one another. Once the PRYMEBLU lapel microphone and phone are paired with each other, the status LED on the microphone will revert back to a single blue flash every few seconds.
7. Once successfully paired, you will be able to make and receive telephone calls using the PREYMEBLU BTH-300-ZU lapel microphone.

Reconnecting a Previously Paired Lapel Microphone and Cellphone

Once the PREYMEBLU BTH-300-ZU lapel microphone and cellphone have been successfully paired together, both devices will remember that connection. The lapel microphone and phone will attempt to reestablish their link whenever they are both powered on and within range of each other. Re-establishing this connection can take 10-60 seconds.

Using the Microphone with your PTT App

Once setup, you will be able to use the lapel microphone with the push-to-talk app, even if the app is running in the background.

Please see insert for instructions on how to set up in Zello or WAVE.

- To activate the app’s push-to-talk feature, press and hold the PTT button on the lapel microphone.
- When the app is transmitting a call, audio will be picked up by the BTH-300-ZU’s built-in microphone.
- Incoming calls received by Zello will be heard over the BTH-300-ZU’s built-in speaker or through the optional earphone if you are using one.

Making and Receiving Phone Calls

You can also use the lapel microphone to make and receive phone calls.

- You can initiate a phone call by using the Phone Dialer app in the phone.
- Phone audio will be routed to the BTH-300-ZU’s built-in microphone and speaker (or earphone, if you are using one).
- To answer an incoming call, press the Phone button on the lapel microphone.
- While on a call, you can press the Phone button on the lapel microphone to hang up the phone and end the call.

STATUS LED MESSAGES

The meanings of the various status LED messages shown by the PREYMEBLU BTH-300-ZU lapel microphone are shown in the following table:

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

SPECIFICATIONS

| Dimensions: | 65 x 30 x 12 mm |
| Weight:     | 22 grams (excluding earphone) |
| Bluetooth Version: | 3.0 |
| Bluetooth Profiles: | HSP, HFP, A2DP, AVRCP |
| Bluetooth Power Class: | Class 2 |
| Sensitivity: | -90 dB |
| Range (Typical): | 10 meters (30 feet) |
| Built-in Battery: | 3.7V, 190 mAh Lithium-ion |
| Standby Current Draw: | 8 mA |
| Standby Time: | 60 hours (max) |
| Operating Time: | 10 hours (max) |
| Operating Temperature Range: | -15°C to + 50°C |

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. PRYME does not pay for the transportation charges incurred in returning the defective unit.

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.

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 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.
Setting up Zello (Android)

1. Make sure that your phone's Bluetooth radio is enabled, and that the lapel microphone is powered on and that the microphone and phone are connected to each other.

2. Open Zello and go to Menu > Options > Under the Hood.

3. Under "Bluetooth PTT Control," choose "BTH-300-AZ." You should see a popup indicating the device control has been activated. If you don't see it, you may need to power cycle the lapel microphone and repeat this step.

4. Open the Talk screen in Zello (the screen with a big round button). In the bottom-left corner of the screen, tap-hold and slide to the Bluetooth icon to activate the lapel microphone in Zello.

Setting up Zello (iOS)

1. Make sure that your phone's Bluetooth radio is enabled, and that the lapel microphone is powered on and that the microphone and phone are connected to each other.

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 BTH-300-ZU.

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 on the lapel microphone should now cause Zello to transmit.

Setting up WAVE Communicator (Android - Bluetooth Low Energy)

1. Make sure that your phone's Bluetooth radio is enabled, and that the lapel microphone is powered on and that the microphone and phone are connected (paired) to each other.

2. Press and hold the PTT button on the BTH-300-ZU lapel microphone.

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

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

5. Keep the phone and speaker mic 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 Bluetooth Device for PTT" is selected. If it isn't, tap it to select it.

9. Tap on "Bluetooth Device to Use" and then select "BTH-300-AZ" from the list.

10. Release the PTT button on the BTH-300-ZU.

Setting up WAVE Communicator (Android-SPP)

1. Make sure that your phone's Bluetooth radio is enabled, and that the lapel microphone is powered on and that the microphone and phone are connected (paired) to each other.

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

5. Tap on "Bluetooth Device to Use" and then select "BTH-300-AZ" from the list.

6. The app will then prompt you to press the PTT button on the BTH-300-ZU to confirm that the setup was successful.

Setting up WAVE Communicator (iOS)

1. Make sure that your phone's Bluetooth radio is enabled, and that the lapel microphone is powered on and that the microphone and phone are connected (paired) to each other.

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

5. Tap on "Bluetooth Device to Use" and then select "BTH-300-AZ" from the list.

6. Release the PTT button on the BTH-300-ZU.

App Setup (ZELLO)

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

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.

For Android phones the PTT function of the BTH-300-ZU can be enabled to work with the Wave Communicator app in one of two different ways, either using Serial Port Protocol (SPP) over conventional Bluetooth or using a special version of Bluetooth called Bluetooth Low Energy (BLE). The BLE option can only be used with handsets that have hardware support for BLE and are using Android version 5.0 (Lollipop) or newer. Choose the option that is right for your phone and follow the instructions below: