BlueLink

BlueLink BlueLink BPSM
Wireless Bluetooth Speaker Microphone

For use with BlueLink Radio Adapters and Cellphones

Model No.: BlueLink BPSM
Made in Taiwan

Controls and Connection

Front Firing Speaker
Received calls are heard over this speaker. The volume level can be controlled using either the Volume Up / Down buttons on the speaker microphone, or by using the volume controls on the two-way radio or phone.

PTT Button
This button is used to activate the push-to-talk feature of the 2-way radio

Clothing Clip
The alligator-type clip secures the speaker microphone to the user's clothing during use. The clip can be rotated to allow the microphone to be better positioned.

Phone Button
This button is used to answer or hang up telephone calls when the BlueLink BPSM is connected to a cellphone.

Earphone Jack
This jack is used to connect an (optional) wired listen-only earphone to the speaker microphone for enhanced privacy.

Charge Jack
This mini-USB jack is used to recharge the removable battery of the speaker microphone by connecting the BlueLink BPSM to a USB charger or any powered USB source

Microphone:
This microphone picks up the user's voice audio when sending a call.

Volume Up and Down Buttons
These buttons can be used to turn the receive audio volume of the speaker microphone up or down in five preset steps.

Status LEDs
The red and blue LEDs flash messages that let the user know the current status of the speaker microphone.

Battery Cover
The rear cover of the speaker microphone can be removed by loosening the thumbscrew on the rear of the microphone. This allows the user to gain access to the removable battery pack.

Removable Battery
The speaker microphone is powered by a removable Lithium battery pack

Multifunction Button
Holding down this button for one second will turn the speaker microphone on and off. This button can also be used to place the speaker microphone into pairing mode so that it can be connected wirelessly to a cellphone.

Charging the Speaker Microphone

The BlueLink BPSM speaker microphone has a replaceable Lithium Ion rechargeable battery pack which must be charged prior to operation, and must be recharged regularly. A fully charged battery will provide up to 40 hours of continuous 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 speaker microphone

1. Ensure the device is turned off using the multifunction button.
2. Plug the charge cable into any powered USB outlet, such as an AC wall charger, and then into the charge jack on the speaker microphone.
3. Once the charging process has begun, the LED indicator on the speaker microphone will show a constant red light.
4. Typical charge time is approximately five hours. Actual charge time will vary depending on several factors including the battery's charge state, condition, and age.
5. When the battery is fully charged the LED indicator on the side of the speaker microphone will turn off.
6. Disconnect the charger from the adapter when charging is completed.

Charging Cautions:
- Do not use a wall charger or charge cable that appears to be damaged. (Example: frayed wires, melted plastic, etc.) Contact codeRED Headsets to get a new manufacturer-approved replacement charger.
- Do not tamper with or modify the speaker microphone or charger.
- Always turn the speaker microphone off when charging.

Installing or Replacing the Battery Pack

The BlueLink BPSM Bluetooth speaker microphone gets its power from a rechargeable Lithium-Ion type battery pack. The battery pack must be installed inside the microphone prior to operation. Under normal usage, this battery should have a lifespan of over 1,500 charge/discharge cycles before needing to be replaced.

To access the battery compartment:
1. Rotate the thumbscrew counter-clockwise until the cover opens. Remove the battery door.
2. Insert the rechargeable battery pack into the battery compartment. Ensure that the battery terminals are properly lined up with the contacts inside of the battery compartment.
3. Reinstall the battery compartment cover and rotate the thumbscrew clockwise to tighten. DO NOT over tighten.

Pairing with a BlueLink Radio Adapter and 2-way Radio
When pairing the BlueLink Speaker Microphone with a BlueLink Radio Adapter, make sure that the speaker microphone, adapter, and the two-way radio the adapter is connected to are all powered off to start.

If your BlueLink Radio Adapter gets power directly from the two-way radio it is attached to:
• Hold down the Talk button on the BlueLink Radio Adapter while turning the two-way radio ON.

If your BlueLink Radio Adapter has its own charger/internal battery pack:
• Turn the power switch on the BlueLink Radio Adapter to the ON position while holding down the multifunction Talk button on the BlueLink Radio Adapter.

• Continue to hold the Talk button on the adapter down for approximately three seconds. Release the Talk button when the status LED on the BlueLink Radio Adapter begins to flash two times per second. The BlueLink Radio Adapter is now in audio accessory pairing mode.

• Hold down the Multifunction Button on the BlueLink Speaker Microphone. Continue to hold the button down for approximately 3 seconds, until you see the LED on the speaker microphone begin to quickly flash RED-BLUE-RED-BLUE in sequence. The BlueLink Speaker Microphone is now in pairing mode.

• After a few seconds, the two devices should synch to one another. Once the BlueLink Speaker Microphone and Adapter are paired with each other the status LED on the adapter will show a constant blue light for three seconds. The LEDs on both the adapter and speaker microphone will then show one FLASH every few seconds.

• If the BlueLink Radio Adapter does not detect the speaker microphone within 60 seconds of being put into pairing mode, the adapter will exit the pairing mode and resume normal operation.

• Once successfully paired, you will be able to operate your 2-way radio using the BlueLink Speaker Mic.

Reconnecting a Previously Connected Speaker Microphone and Radio Adapter
Once the BlueLink Speaker Microphone and Radio Adapter have been successfully paired together, both devices will remember that connection. The adapter and speaker mic will attempt to reestablish their link whenever the radio/adapter and microphone are both powered on and in within range of each other. Re-establishing this connection can take 10-60 seconds.

Pairing with a Cellphone

The BlueLink Bluetooth Speaker Microphone is capable of working with a Bluetooth-enabled cellphone. The speaker microphone is even capable of simultaneously pairing with both a BlueLink Radio Adapter and a cellphone, enabling you to use the same speaker microphone for both radio and phone calls.

NOTE: If you wish to use the multi-pairing feature to connect the BlueLink BPSM to both a BlueLink Radio Adapter and a cellphone, you must first pair the BlueLink Speaker Microphone and BlueLink Radio Adapter using the procedure shown on Page 4 of this manual. Once the two devices have been paired to each other, power the two-way radio/Bluetooth Radio Adapter off, and follow the procedure shown below:

When pairing the BlueLink Speaker Microphone with a cellphone, make sure that the speaker microphone and all other nearby Bluetooth devices are powered off¬ before beginning.

• Hold down the Multifunction Button on the BlueLink Speaker Microphone. Continue to hold the button down for approximately 3 seconds, until you see the LED on the speaker microphone begin to quickly flash RED-BLUE-RED-BLUE in sequence. The BlueLink Speaker Microphone is now in pairing mode.

• Activate the Bluetooth feature on your phone.

• 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.

• Select the BlueLink Speaker Microphone 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.

• After a few seconds, the two devices should sync to one another. Once the BlueLink Speaker 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.

• Once successfully paired, you will be able to make and receive phone calls using the BlueLink Speaker microphone.

Multi-Pairing Operation

Once you have successfully paired the BlueLink Speaker Microphone and cellphone, you can enable multi-pairing operation simply by powering on the two-way radio/BlueLink Radio Adapter that you previously paired with the BlueLinkSpeaker Microphone. Within a few seconds, all three devices should sync to each other.

Using the BlueLink Speaker Microphone

Once your BlueLink Speaker Microphone and BlueLink Adapter and/or cellphone have been paired together:

Received signals will be heard over your BlueLink Speaker Microphone's front- ring speaker or through the optional earphone. The volume of received calls can be adjusted using the volume up/down button on the speaker microphone or the volume control on the two-way radio or cellphone.

When transmitting or on a phone call, the operator's voice is picked-up by the microphone in the BlueLink Speaker Microphone.

Push-to-Talk can be activated one of several different ways:
• By pressing and holding the PTT button on the BlueLink Speaker Microphone.
• By pressing and holding the Talk button on the BlueLink Adapter.
• Using an optional BlueLink Wireless Bluetooth PTT (model BlueLink PTT-R or BlueLink PTT-F, sold separately). Note that if you are using a BlueLink PTT-R or PTT-F, you will first need to pair the adapter with the PTT using the instructions located in the BlueLink PTT User's Guide.

To answer or hang up a phone call, press the orange Phone Button on the side of the speaker microphone or use the user interface on the phone itself.

You can also activate your phone's voice dialing feature by pressing and holding the Phone Button on the side of the microphone for three seconds. (This function works only when the microphone is NOT connected to a two-way radio.)

NOTE: When you are on a phone call, signals received by the two-way radio will not be heard. Additionally, if you press the PTT button on the BlueLink Speaker Microphone while you are on a phone call, the two-way radio will transmit, however no transmit audio will be sent over the air, since microphone audio is being routed to the cellphone.

STATUS LED MESSAGES

The meanings of the various status LED messages shown by the speaker microphone are shown on the following table:

LED INDICATION	MEANING
Constant Red (while plugged into charger)	Charge mode
No indication (while plugged into charger)	Charging is finished
Flashes red-blue-red-blue repeatedly	Pairing mode
Two blue flashes every two seconds	Speaker microphone is powered on but not paired
One blue flash every two seconds	Speaker Microphone is powered and paired
Constant red with one blue flash every two seconds	PTT is pressed
No indication	Speaker microphone is powered off

OPTIONAL EAPRHONES

Although the BlueLink BPSM has a built-in speaker for listening to received calls, some users may prefer to use a listen only earphone for enhanced privacy. The accessory jack on the speaker microphone will accept any mono earphone with a 3.5 mm audio plug. When an earphone is used, the front-firing speaker is disabled.

Silent Jr. 3.5 headset shown. Earphone sold separately.

codeRED Headsets sells a variety of listen-only earphones in different styles that will work with the BlueLink BPSM.

SPECIFICATIONS

Bluetooth Version:	v2.1+EDR
Speaker Output:	1 watt
Receiver Sensitivity:	-82 dBm (typ.)
Power Class:	Bluetooth class 2
Range:	10 meters
Display:	Blue, Red, and Green
Bluetooth Profile:	HFP,HSP,SPP Profile
Operating Voltage:	5 VDC
Battery Capacity:	1,020 mAH
Operating Time (Standby)	> 30 days
Operating Time (Typical)	> 80 hours
Operating Time (Continuous Talk)	> 40 hours
Push-to-Talk Function:	Built-in
Operating Temperature:	-70°F to +120°F (approx.)

SUPPORT AND WARRANTY

codeRED Headsets warrants this product against defects in materials or workmanship for a period of one year from the date of retail purchase. codeRED Headsets 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 codeRED Headsets 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 codeRED Headsets, 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 codeRED Headsets 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 codeRED Headsets product, contact us at 858-486-9859 or visit us on the web at www.coderedheadsets.com.

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