Bluetooth®

Includes 3 pair
COMPLY™
Premium Earphone Tips

rbh®

EP-SB BLUETOOTH
STEREO EARPHONES
User's Manual

NOTICE: For best results, please use the included USB cable for charging the EP-SB earphones. If the red LED charge indicator light does not stay on while charging, please make sure the charger or source being used to charge the earphones supplies a current of 1 amp or less.

Table of Contents

INTRODUCTION

Thank you for your choice and purchase of RBH EP-SB Bluetooth stereo earphones. We are confident you will enjoy their ability to engage you with music as much as our speakers do. Please take a few minutes to read through this manual so you can extract the best performance from these earphones. After the first read through, consider keeping this manual in a handy place, just in case you need to refer to it.

FEATURES

- Compact, lightweight, portable design for easy traveling and comfort during light sport activities.
- Enjoy wireless music and receive a phone call at the same time.
- Control switch for song functions with auto-mute when receiving an incoming phone call.
- NFC technology for easy pairing and connecting.
- Includes aptX® CODEC technology to enjoy CD quality sound. (Source must also have aptX®)
- IPX4 rated using nano-coating technology, sweat and rain proof.
- Comply™ active (blue) tips for comfort during sporting activities. Large attached to earphones, medium included.
- Comply™ isolation (black) tips in medium included.
- Silicone ear tips in small, medium and large sizes included.
- Durable storage pouch for on-the-go protection and convenience.

IMPORTANT SAFETY INFORMATION

There are three simple rules when using earphones. One, keep the volume at a moderate level. If you must turn it up, please do so for short periods of time. Two, if your ears begin to hurt, it's probably because it's too loud, so turn it down. Three, use your head. Be smart about how you use your earphones in relation to the volume level.

There are a few other safety recommendations that our lawyers want you to consider:

1. When your ears are exposed to high volume levels (greater than 85dB) for over an hour, you may be permanently damaging your hearing. Please use discretion regarding the volume you choose.

2. Before you plug the earphones into your device, be sure the device's volume is turned down, then gradually increase to a comfortable level. Not only will this save you from the shock of a lot of volume all at once, it also saves your earphones from a rush from zero output to high output.

3. We never recommend using your earphones when a failure to hear your surroundings could be dangerous, such as while driving, biking, walking or jogging where traffic is present and accidents could occur. If you do these activities with earphones, do not fully insert the earphones into your ear and keep the volume low so you can hear the surrounding ambient noise.

4. In rare instances, an ear tip may come off in the ear canal when removing the earphone. If this should occur and the ear tip cannot easily be removed, it is recommended that you promptly contact an audiologist or other medical professional. A professional can use blunt tweezers to safely remove the ear tip.

OVERVIEW
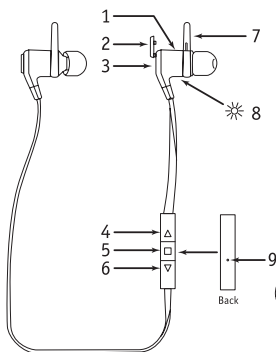
1. NFC (Near Field Communication) area
2. Cover of charging jack
3. Micro USB charging jack
4. ▲ : Volume up/next song
5. ■ : Multi-functions button
6. ▼ : Volume down/last song
7. Stabilizer
8. LED indicator
9. Microphone
10. Silicone tips in small, medium and large
11. Comply™ active (blue) tips large attached to earphones, medium included.
12. Comply™ isolation (black) tips in medium

EAR TIP COMPARISON

The sound will vary depending upon the type of tip you use with the EP-SB:

Silicone tips provide fair isolation from ambient noise and will emphasize higher frequencies, providing a brighter sound with less bass.

Comply™ active (blue) tips provide moderate isolation and hold the earphones in place more securely. Comply™ active tips are recommended for use while running/exercising, or activities where some ambient noise is needed for safety. The overall sound is warmer, with the Comply active tips providing more bass compared to the silicone tips.

Comply™ isolation (black) tips are recommended for use when maximum noise isolation is desired. Comply isolation tips are NOT recommended for use where isolation from ambient noise can result in a safety hazard. Using the Comply isolation tips will accentuate bass frequencies and result in sound that has more bass than the other types of tips.

IMPORTANT: It is important that you use the right size tip for your ears for optimal sound quality. Using a tip that is too small will not provide a good seal for the earphone and may result in reduced sound performance.
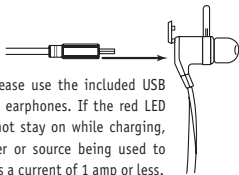
CHARGING THE EARPHONES

The earphone comes with a built-in rechargeable battery. Prior to using the earphone, it is recommended the battery be fully charged for the first use; this may take up to two hours.

When the power is low, the earphone emits prompt tones every five minutes and the red LED flashes; at this time the battery should be recharged.

How to charge the battery using the USB cable:
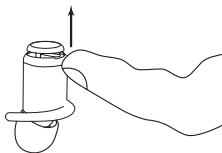
NOTICE: For best results, please use the included USB cable for charging the EP-SB earphones. If the red LED charge indicator light does not stay on while charging, please make sure the charger or source being used to charge the earphones supplies a current of 1 amp or less.

1. Open the cover of charging jack on the right earphone, and plug in the USB charging cable.
2. Plug the other side of USB charging cable into the USB port on a computer or USB charging station. When the red LED light is ON it is charging. When the red LED light is OFF it has finished charging.
3. Allow about two hours for a complete charge.

NOTE: The battery is recyclable. Batteries (battery pack or batteries installed) should not be exposed to excessive heat, such as direct sunlight or fire.

TURNING THE EARPHONES ON/OFF

Functions	Operation	Prompt Tones
Turn ON	Press and hold ■ for about four seconds until blue LED flashes	Four rising tones
Turn OFF	Press and hold ■ for about four seconds until red LED flashes	Four falling tones

NOTE: In order to save power, the earphones will turn off automatically if no devices are connected after five minutes.
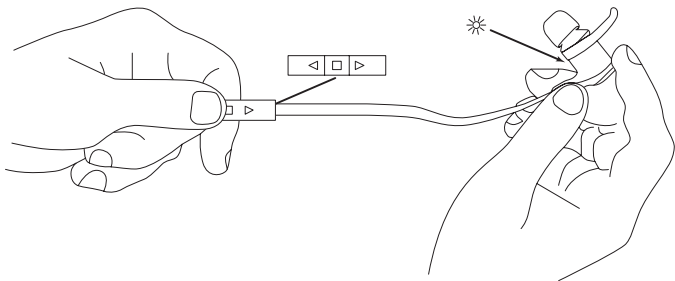
WEARING THE EARPHONES

1. (Optional) Put the stabilizer on the earphone and rotate to the suitable position as shown in the illustration below:
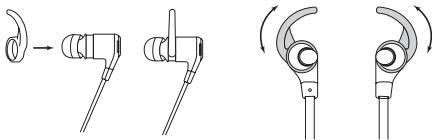
2. The ear tip's job is to create a seal in your ear canal to keep your music in and other sounds out. Sound quality, full bass response and noise isolation all depend on a good seal. Everyone has a different size and shape of ear and canal, so different ear tips will radically change the sound quality of these earphones. Please choose the ear tip that fits best, creates the best seal and is the most comfortable. If you can easily hear outside noises when the volume is down or off, you probably don't have
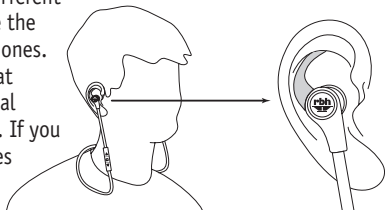
    a good seal. To improve the sound and a better seal, either twist the tip in deeper (good option), change the angle of the earphones in your ear (better option), or choose a different size tip (best option). The attached and included Comply™ foam Sport Tips must be compressed between your fingers for several seconds then inserted in your ear canal, hold for a few second to allow expansion for a complete and comfortable fit. For your safety, the Comply™ foam sport tips do allow some external sounds to pass through so you can be warned during your jogging or workout routine.

WEARING THE EARPHONES (CONTINUED)

3. (Optional) Set up the cord management clips as shown in the illustration below to keep the cord from interfering with your activity.
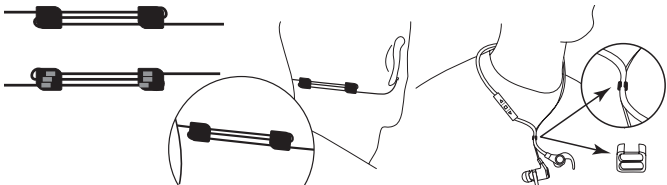
PAIRING/CONNECTING THE EARPHONES

Pairing earphones with cell phone via Bluetooth

Prior to using the earphones for the first time, you have to pair it with a Bluetooth-enabled device such as a cell phone. The pairing procedures will vary depending on the model of cell phone or device. Please refer to your cell phone's User Manual for further information about pairing procedures.

1. Keep your earphones turned off and within reach of the cell phone or Bluetooth device.
2. Press and hold ■ about 8 seconds until the red and blue LED flash alternately, this will put the earphones into the pairing mode.
3. Activate your cell phone or Bluetooth device's Bluetooth function and search for Bluetooth devices within range, select "RBH EP-SB" from the list of devices shown (enter password "0000" if prompted).
4. After successfully pairing the earphones and cell phone, the blue LED light on the earphones will flash twice every four seconds.

NOTE: Pairing mode will last about two minutes, then the earphones will go back into standby mode if the pairing failed.

If the pairing is not successful, turn the earphones off and repeat the last four steps on previous page.

Once the earphones have successfully paired, each time the earphones are turned on, they will automatically connect to the last connected device. The earphones can remember up to eight paired devices. When the number of paired devices exceeds eight, the first one will be replaced.

Pairing earphones with a Bluetooth cell phone via NFC

Near Field Communications (NFC) is a contactless, Wi-Fi-like type technology incorporated into many smartphones and other devices. NFC is a short-range, low power wireless link evolved from radio-frequency identification (RFID) technology, allowing the transfer of small amounts of data between two devices held a few centimeters from each other.

The EP-SB supports NFC technology; it can quickly connect with a Bluetooth cell phone via NFC.

1. Turn on the earphones.

   NOTE: The earphones DO NOT need to be in pairing mode.

2. Activate the Bluetooth and NFC function of the cell phone.

3. To pair and connect with a cell phone, hold the cell phone within the NFC area of the earphones (within one centimeter) until the red and blue LED of earphones flash alternately (first pairing time may be three seconds), as shown in the illustration.

4. To disconnect, hold the cell phone and the earphones within one centimeter of the NFC area.
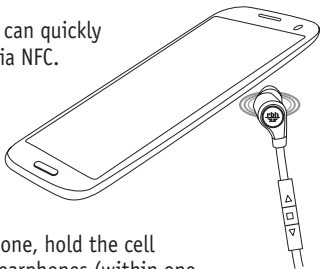
Pairing earphones with multiple devices via Bluetooth
The earphones can be connected with two Bluetooth cell phones at the same time.

1. Pair the earphones with device one, then turn off the earphones.
2. Turn on the earphones, press and hold ■ about 8 seconds until the red and blue LED flash alternately, this indicates the earphones are in paring mode.
3. Pair earphones with device two.
4. Operate device one to connect with earphones. The earphones should now be connected with both devices.

NOTE: The multiple-pair function is turned off in factory default settings, to turn on this function follow the steps below:

•   **Turn ON:** Press and hold ■ and ▲ button under standby mode (not connected device), and release it until you hear four rising tones.
•   **Turn OFF:** Press and hold ■ and ▼ button under standby mode (not connected device), and release it until you hear four falling tones.
•   To improve the connection ability of the earphones, we suggest you turn off the multiple-pair function when you're only connecting with one cell phone.
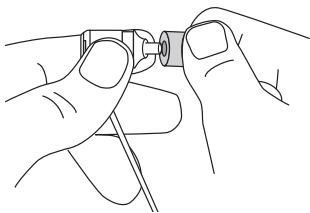
CLEANING AND REPLACING EAR TIPS

Over time the silicone ear tips may lose their elasticity and the Comply™ foam tips may break down. The life of the tips depends on frequency of use and type of activity. Body oils and salt composition are different among people and some may cause faster deterioration. You should replace the ear tips to get back to the earphones' original performance level.

A few other suggestions:

1. Remove the ear tip from the earphone (instructions below). If using the Comply™ Foam Tips, simply discard and replace with new tips. Go to http://www.complyfoam.com/rbh/. If using a silicone tip, wash with mild soap and dry thoroughly.
2. Clean the earphone nozzle with a damp soft cloth or an antiseptic cloth, then dry thoroughly.
3. Be sure that there is no earwax or other object plugging the nozzle that could prevent sound from coming through.

REMOVING AND CHANGING EAR TIPS

Grasp the body of the earphone and gently twist and pull the tip to remove it. DO NOT hold or pull on cable while removing tip, see illustration. Replace by sliding the back end of the tip nozzle onto the earphone stem/nozzle and push on until it slides into place. For Comply™ Foam Tips, visit http://www.complyfoam.com/rbh/ to purchase new tips. Recommended replacement is after three months of regular use.

BASIC OPERATIONS

Function	Status of Earphones	Operation	Prompt Tones
Cancel a call	Calling	Press ■ once	One short tone
Answer a call	Incoming call ringing	Press ■ once	Two rising tones
Reject a call	Incoming call ringing	Press and hold ■ about two seconds and release	Two falling tones
End a call	During a call	Press ■ once	One short tone
Volume up	During a call	Press ▲ button	
Volume down	During a call	Press ▼ button	
Transfer conversation to mobile phone	During a call	Press and hold ■ about two seconds	One short tone
Transfer conversation to earphones	During a call	Press and hold ■ about two seconds	One short tone
Microphone mute	During a call	Press and hold ▲ about two seconds	Two falling tones
Cancel mute	During a call (microphone mute)	Press and hold ▲ about two seconds	Two rising tones
Voice dial	Standby mode (connected to device)	Press ■ and ▲ button simultaneously	One short tone
Redial the last number	Standby mode (connected to device)	Double click ■ button	One short tone

WARNING: Excessive sound pressure levels from earphones may cause hearing loss.

NOTE: Not all mobile phones support all the functions listed above. Functions and prompt tones may vary depending on the mobile phone in use. Please refer to your mobile phone's user manual for Bluetooth instructions and operations. When the volume is adjusted to maximum or minimum, you will hear one prompt tone. When in the microphone mute mode, you will hear two tones continuously every 10 seconds. When pressing the answer button on some mobile phones, the call will be transferred to the mobile phone. You can switch the call to the earphones by using the conversation switch button or through operating function on the mobile phone. Please refer to your mobile phone's user manual for further information.

THREE-WAY CALL OPERATION

Functions	Status of Earphones	Operation
Answer new call and end current call	There is a second incoming call	Press ■ once
Answer new call and retain current call	There is a second incoming call	Double click ■ button
Switch calls	During a call (keep conversation)	Double click ■ button
End current call and switch to new call	During a call (keep conversation)	Press ■ once

CONNECT WITH TWO CELL PHONES

Functions	Status of Earphone	Operation
End phone call #1 and answer phone call #2	During phone call #1, phone has another incoming call	Press ■ once
Retain phone call #1 and answer phone call #2	During phone call #1, phone has another incoming call	Double click ■ button
Switch call	During call, one phone call is retained	Double click ■ button
End current call, back to retain phone call	During call, one phone call is retained	Press ■ once

PLAYING MUSIC

Functions	Status of the Earphones	Operation
Volume up	Playing music	Press ▲ button
Volume down	Playing music	Press ▼ button
Last song	Playing music	Press and hold ▼ button
Next song	Playing music	Press and hold ▲ button
Pause	Playing music	Press ■ once
Play	Paused	Press ■ once

NOTE: When the volume is adjusted to maximum or minimum, you will hear one prompt tone.

If you want to remote control the last/next song, or pause/play, your Bluetooth mobile phone or Bluetooth transmitter paired with the earphones needs to support AVRCP profile, please refer to the user's manual of your mobile phone or Bluetooth transmitter for further information.

LED INDICATOR

LED indicator	Status of Earphones
Red and blue LED flashes alternately	Pairing mode
Blue LED flashes once every two seconds	Not connected to a device
Blue LED flashes twice every four seconds	Connected to a device
Red LED flashes instead of blue LED	Low battery

FACTORY RESET

To reset the earphones back into the default factory settings, press ▲ button for about four seconds and release it until the red and blue LED's flash simultaneously, and you hear four prompt tones.

NOTE: After factory reset, the paired list of devices will be deleted. After it is turned on again, the earphones will enter pairing mode automatically, and you need to re-pair and re-connect with Bluetooth devices.

CARE AND MAINTENANCE

Read the following recommendations carefully before using EP-SB. Following these guidelines, you will be able to enjoy your earphones for many years.

1. Please use the cord management clips to avoid cable strain.
2. Although your earphones are rain and sweat proof, to help longevity when not in use, keep earphones dry and don't put them in a damp place to avoid the product's internal circuits from getting wet.
3. Keep the product away from direct sunlight or hot places. High temperatures will shorten the life of electronic devices, destroy the battery or distort certain plastic parts.
4. Don't expose the product to extremely cold areas. It may damage the internal circuit board.
5. Don't try to disassemble the product; it may get damaged if you are not professional.
6. Don't let it fall down onto the floor or other hard surfaces. The internal circuits might get damaged.

CARE AND MAINTENANCE (CONTINUED)

7. Don't use intensive chemical products or detergents to clean the product.
8. Don't scratch the surface with sharp things.
9. Be careful when using this product during strenuous exercise. It may get damaged by sweat.
10. In case the product doesn't function properly, please contact RBH Sound staff they will help you solve the problem

FREQUENTLY ASKED QUESTIONS

1. What does it mean when red LED flashes instead of blue LED?

    Battery power is low, and it needs to be recharged.

2. Why is the red LED off when charging?

    Make sure the charging device is properly connected to the earphones. The battery may be low; charge the battery for 30 minutes, and then the red LED should come on.

3. Why can't my mobile phone search and find the earphones?

    Please make sure the earphones are in the pairing mode and in the effective working range, and the earphones should be able to be paired and connected.

4. Why is my mobile phone unable to pair with earphones via NFC?
    a) Make sure to activate the NFC function of your mobile phone.
    b) Please keep the NFC chip of cell phone and the earphones within one centimeter until the red and blue LED of earphone flash alternately (First pairing time may take up to three seconds).

5. Why can't I hear any sound from the earphones?
    a) Make sure the earphones have been switched on;
    b) Make sure the volume is not too low or muted;
    c) Make sure the earphones connects with the mobile phone correctly;
    d) Make sure the distance between the earphones and the cell phone is within the available Bluetooth range.

6. Why can't I hear the sound clearly with the earphones?
    a) Make sure the mobile phone is in a strong signal area;
    b) Make sure the earphones are within the available range of this product.

7. Why is the pause/play, last/next song function not working when playing music?

    Make sure your Bluetooth device supports AVRCP (Audio/Video Remote Control profile).

SPECIFICATIONS

Bluetooth version	Bluetooth V4.0
Bluetooth profiles	Earphones, hands free, A2DP, AVRCP
Operating distance	33 feet (10 meters)
Earphone music time	Approx 5 hours
Earphone talk time	Approx 5.5 hours
Standby time	Approx 200 hours
Earphone charging time	Approx 2 hours
Water resistant rating	IPX4
Frequency range	10Hz-20kHz
Dimension (earphone)	1.18" x .52" x .95" (30mmx13.3mmx24 mm)
Weight	.46 oz. (13 grams)

NOTE: 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. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

WARRANTY

Your EP-SB earphones are covered by a limited warranty against defects in materials and workmanship for a period of 2 years for the hardware (excluding replaceable ear tips and battery), and 1 year on the battery from the original date of purchase. This warranty is provided by RBH Sound or the authorized RBH Sound dealer where the earphones were purchased. A valid purchase receipt is required for warranty repair on all RBH Sound earphones. Warranty repair will only be considered for products purchased within two years of purchase and covers manufacturing and material defects only. A non-warranty fee will apply to products determined to have failures relating to misuse, abuse, or earwax buildup. This fee will also apply to products less than two years old without a valid receipt or when purchased from a non-authorized retailer. Please contact RBH Sound or your RBH Sound dealer for non-warranty service or repair pricing and directions on sending in your earphones. Charges for unauthorized service and transportation cost are not reimbursable under this warranty. This warranty becomes void if the product has been damaged by alteration, misuse or neglect. RBH Sound assumes no liability for property damage or any other incidental or consequential damage whatsoever which may result from the failure of this product. Any and all warranties of merchantability and fitness implied by law are limited to the duration of this express warranty. Some states do not allow limitations on how long an implied warranty lasts, so the above limitations may not apply to you. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

WARRANTY REGISTRATION

Please fill out and submit the registration form found online at http://rbhsound.com to register your earphones.

IPX4 **APTX** **NFC** **Bluetooth V4.0**

Redefining The Way You Experience Sound.™

rbh®

382 Marshall Way, Layton, Utah • USA • 84041
Toll Free: (800) 543-2205 • Fax: (801) 543-3300
www.rbhsound.com

The aptX® mark and the aptX logo are trademarks of CSR plc or one of its
group companies and may be registered in one or more jurisdictions.

Bluetooth® is a registered trademark of Bluetooth® SIG.

The N-Mark is a trademark or registered trademark of the
NFC Forum, Inc. in the United States and in other countires.

© 2014 Comply™ is a registered trademark of Hearing Components.