



# BSH-6311

## User Guide

### FCC Compliance

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NOTE: 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 or more 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.

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

No special accessory is required to enable the equipment to comply with the emission limits.

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.

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## 1. Introduction

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The Bluetooth Headset offers users a unique, wireless experience using Bluetooth wireless technology. It is a model of efficiency, offering hands-free, wireless connections between most Bluetooth enabled phones. The headset's compact over-the-ear style adds convenience and comfort.

The headset is Bluetooth v2.0 compliance. It is backward compatible with audio devices with v1.2 or earlier. Its operation range is up to 10m/30 feet (open space); operating power mode is Class 2 (0-4dBm). Its operating duration is up to 9-hour talk-time and more than 240-hour of standby-time. This user's guide provides more detail.

### ◆ Bluetooth Wireless Technology

Bluetooth is a specification for short-range radio links between mobile computers, mobile phones, digital cameras, and other portable devices. The radio operates on the globally available 2.45 GHz ISM 'free band', allowing users to use "Bluetooth"-enabled equipment worldwide. The Bluetooth devices communicate within a maximum of 10m/30 feet; and do not need to be in line of sight.

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### ◆ Inside the Sales Kit

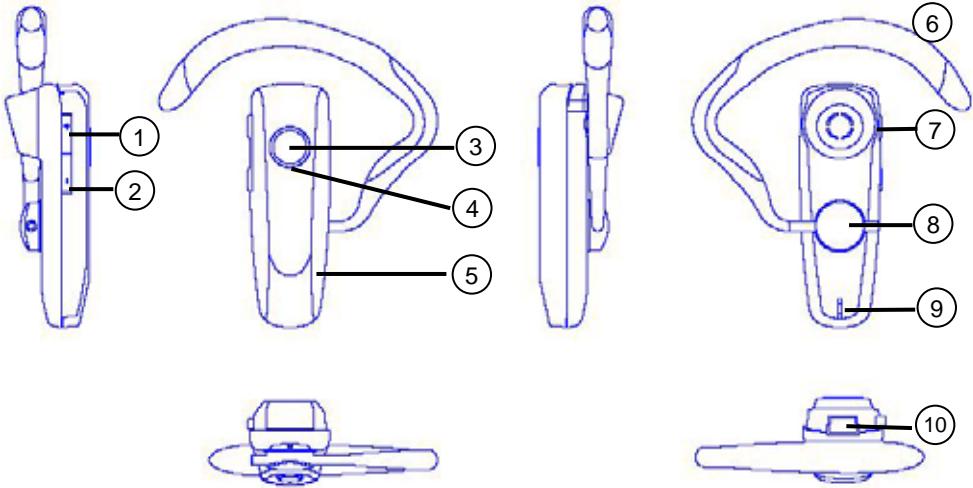
- Bluetooth Headset
- The adaptor use with this device

**Warning!** Use only adaptor approved for use with this particular device. The use of any other types will invalidate any approval or warranty and may be dangerous.

- User manual

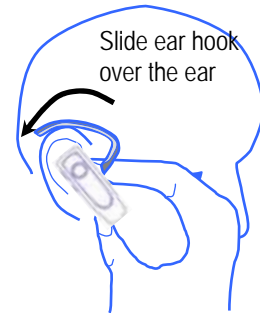
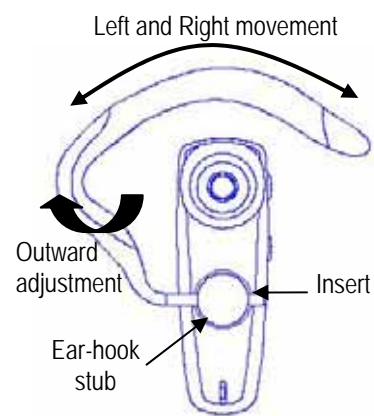
## 2. Getting Started

### ◆ The Headset Overview



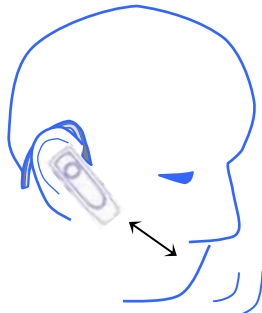
- |                                     |                     |
|-------------------------------------|---------------------|
| 1. Volume Up (Vol+)                 | 6. Ear-hook         |
| 2. Volume Down (Vol-)               | 7. Earphone         |
| 3. On/Off/MFB(Multifunction Button) | 8. Ear-hook Stub    |
| 4. Indicator Light – Red and Blue   | 9. Microphone       |
| 5. Headset Housing                  | 10. Charging Socket |

### ◆ Wearing the Headset



The compact over-the-ear Headset is designed to fit the ear comfortably. The ear hook is inserted into the rubber stub that allows left/right movement and outward adjustment for proper fitting. For added comfort, rubberized ear-hook is adjustable to fit the curvature of the ear.

After optimal adjustment, slide the ear hook gently over the ear. Then tilt the microphone towards the mouth as shown below.



## ◆ Charging the Headset

The headset has a built-in rechargeable Li-Polymer battery. It is recommendable to charge the battery fully prior to first time using the device.

### Normal Charging

- a. Connect the adaptor to an AC wall outlet and the charging jack to headset charging socket.
- b. The Red indicator light is displayed during charging. It takes up to 2.5 hours to charge the battery fully.
- c. The Red indicator light will turn off when fully charged. Disconnect the charging adaptor from AC wall outlet and the headset.
- d. The headset is operational during charging.

**Important!** Charging indication will be delayed if the headset has not been used for a long duration or the battery is fully drained.

### Low Battery

Under normal usage condition, the fully charged battery can operate up to 9-hour of talk time and up to 240-hour of standby time. During on state, when the battery power running low, the headset beeps once every minute and Red indicator flashes every 4 seconds. Put the headset on charge as describe above; else the headset will shut down when voltage fall below operating voltage.

### Changing the battery

The built-in battery is replaceable at the service center. If the operating time is noticeably shorter than normal duration stated, it is time to replace the battery. Please contact your local dealer to provide the service.

**Warning!** Use only battery approved for use with this particular device. The use of any other types will invalidate any approval or warranty and may be dangerous.

## ◆ Turning the Headset On and Off

**To turn on:** press and hold the **MFB** for 5 seconds; the headset emits medley tone and Blue indicator flashes 3 times. The flashing continues once every 4 seconds after the headset goes to standby mode.

**To turn off:** press and hold the **MFB** for 5 seconds; the headset emits medley tone and Red indicator flashes 3 times.

## ◆ Set up for first time use with the Phone

Prior to using the headset for first time use with a Bluetooth-enabled phone; both devices have to be paired. The following information describes a typical pairing procedure between a headset and a Bluetooth-enabled phone. However, the pairing procedure may subject to different makes and models of the phones.

### Pairing the Headset and Bluetooth-enabled Phone

- a. Place the headset and phone close to each other; say within 1m/3 feet.
- b. Make sure that the phone and headset are both ON.
- c. **Prepare the headset in pairing mode:** press and hold **MFB** and **Vol-** (2 seconds) until Red and Blue indicators flash alternately.

**Important!** Headset stays in pairing mode for about 2 minutes.

- d. **Prepare the Phone in pairing mode:** refer to phone's user guide for detail. Pairing procedure may subject to different makes and models.

Enter the Bluetooth menu on the phone and enables the Bluetooth function. Enter the submenu to set the phone in search for Bluetooth devices; activates the search.

The phone searches for Bluetooth enabled devices within 10m/30 feet range and lists all on its display. "**BSH-6311**" should appear; else repeats pairing procedure.

- e. Select "**BSH-6311**" from the list.
- f. Enter the passcode "**0000**" and enter "OK" to pair the headset and phone. When pairing completes, the headset Blue indicator blinks (3 times) rapidly; then connects with phone.

If both devices fail to pair or not pair within the time limit (2 minutes), a long low beep emits. Headset goes to standby state. Returns to pairing procedure (c.) if necessary.

- g. Return the phone to main menu. Some phone models show a headset icon on the display. The Blue indicator flashes every 4 seconds on a paired headset. The headset is on standby mode, awaiting to make or receive calls.

## ◆ Connecting the Headset and Phone

Once paired, both the headset and phone will connect to each other automatically when switch ON and within (10m/30 feet) range. Ensure Bluetooth feature is enabled on the phone.

**Important!** If both devices do not connect under normal condition, the headset pairing list may be full. The headset can store up to 8 phones at any instant. If the pairing list is full, reset the headset to original settings. If the problem persists, contact your local dealer.

## ◆ Disconnecting the Headset and Phone

When not using the headset and Phone, it can be disconnected as follows:

- a. Switch off the headset.
- b. Disconnect the headset or switch off the Bluetooth function in the phone.
- c. Distance the headset and phone more than 10m/30 feet apart.

## 3. Using the Headset

### ◆ Making Call

**Dialing from the Phone:** Make calls on the phone in normal ways.

**Voice Dialing from the Headset:** If the phone supports voice dialing, simply toggle the **MFB** on the headset once. When the beep tone is heard, say the desired name (voice tag).

**Redialing the Last Dialed Number:** When no call in progress, hold the **MFB** for 2 seconds.

### ◆ Answering Call

To answer a call, wait for the headset ring tone, then press the **MFB** to accept call; or answer call via phone in the normal way.

### ◆ Rejecting Call

To reject an incoming call, wait for the headset ring tone, then hold the **MFB** for 2 seconds.

### ◆ Ending Call

To end an active call, press the **MFB** to drop the call; or end call via phone in the normal way.

### ◆ Transferring Call

To transfer active call from headset to phone and vice versa, hold **Vol+** for 5 seconds. May differ from makes and models; check out the function in phone.

### ◆ Mute Call

To mute/un-mute the headset, press both the **MFB** and **Vol+** once.

### ◆ Holding Call

To hold an active call, press and hold **Vol-** for 2 seconds. When holding call, you may answer another incoming call or make another call from phone. To re-activate the previous call, press and hold **Vol-** for 2 seconds.

## ◆ Call Waiting

To answer an incoming call during an active call, press and hold **Vol-** for 2 seconds. This will put the active call on waiting; while answer the second incoming call.

## ◆ Call Swapping

To swap between 2 active calls, press and hold **Vol-** for 2 seconds.

## ◆ Call Conference

To have all active calls in conference, press and hold **Vol+** for 2 seconds.

## ◆ Adjusting Headset Volume

Press the **Vol+** to increase or the **Vol-** to decrease the volume to desired level. The headset volume will increase/decrease in step.

## ◆ Low Battery Indication

When low battery level occurs, the headset beeps once every 5 seconds and Red indicator flashes every 5 seconds.

**ALL THE ABOVE FEATURES ARE SUBJECT TO YOUR BLUETOOTH PHONE OR DEVICE.**

## 4. Safety Information

- ◆ Check for any exception, due to local laws and limitation, in usage of Bluetooth devices.
- ◆ Ensure attention and focus, when using headset while driving.
- ◆ Use only adaptor approved for use with this particular device. The use of any other types will invalidate any approval or warranty and may be dangerous.
- ◆ Use only battery approved for use with this particular device. The use of any other types will invalidate any approval or warranty and may be dangerous.
- ◆ Keep the headset and accessories out of reach from children.
- ◆ Turn off the headset prior to boarding an aircraft. Do not use the headset in an aircraft.
- ◆ Observe all signs in designated areas that may prohibit the use of electronics or RF equipments. These could include hospitals, patrol stations, laboratories, potentially explosive surroundings and etc.

## 5. Care and Maintenance

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- ◆ Do not attempt to open the headset, only the authorized service partners should perform the service. Please check with your local dealer.
- ◆ Do not expose the headset to extreme high or low temperatures.
- ◆ Do not expose the headset to liquid, moisture or humidity; it is not waterproof.
- ◆ Do not expose the headset to dusty and dirty environment; moving parts may be clogged and prevent proper usage.
- ◆ Do not dispose of the headset to fire; may result in explosion.
- ◆ Do not dispose of, or store the headset in high heat. High temperature may shorten the life of electronic components, damage battery, deform plastic parts.
- ◆ Do not use harsh cleaning solvents or strong detergents to clean the headset. Only use a soft damp cloth to clean the headset.
- ◆ Do not throw, drop or knock the headset; rough handling can damage the headset.
- ◆ Do keep the headset in proper storage, dry place, free from dust and extreme temperatures when not in use.

## 6. Troubleshooting

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If the headset is unable to operate properly; for example unable to power on, unable to pair/connect to the phone and etc, please try the following:

- ◆ Ensure the battery is properly charged; fully drained battery may take a while to charge up.
- ◆ Ensure the headset and /or the phone is turned on.
- ◆ Ensure the headset is paired to the phone; refer to pairing procedure.
- ◆ Ensure the Bluetooth feature on the phone is activated; and connected to the headset.
- ◆ Ensure both the headset and phone is within 30 feet operating range. There are no obstructions or hazards in between.
- ◆ Ensure the phone list on the headset is not full (up to 8 phones); else reset to original settings.
- ◆ Ensure the phone has the latest or firmware is not corrupted; send phone for firmware update.
- ◆ Power off and on the devices if the above steps do not solve the problem.

If problem persist after taken all above steps, send the headset to authorized service center. Check with the local dealer.

## 7. Product Specifications

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|                      |  |
|----------------------|--|
| Model No             | : BSH-6311   |
| Bluetooth Compliance | : Bluetooth Specifications version 2.0   |
| Supported Profiles   | : Headset and Handsfree  |
| Frequency Band       | : 2.4GHz ISM Spectrum; frequency hopping 79 channels   |
| Modulation           | : GFSK (Gaussian Frequency Shift Keying)   |
| RF Power             | : Class 2, 0-4dBm  |
| Operating Range      | : Up to 10m/30 feet (open area)  |
| Talk Time*           | : Up to 15hrs  |
| Standby Time*        | : Up to 200hrs   |
| Connection           | : Point-to-Point   |
| Security             | : Security mode 3 (pairing, encryption, authentication)  |
| Power Source         | : Rechargeable Li-Polymer 180mAh; replaceable  |
| Charging             | : Universal Adaptor 5V/180mA   |
| Charging Time        | : Up to 2.5hrs   |
| Compatibility        | : Mobile phones supporting Bluetooth 1.1 (and above) specifications; Headset and/or Handsfree profiles |
| Dimension            | : .59.5Lx19.5Wx12.5H mm  |
| Weight               | : 16.0g (with ear-hook)  |

\* may vary based on users' operating mode, make and model of phones

## 8. Quick Reference Guide

| User State    |  | Button Press                               |           |           | LED Indicator                                 |          | Audible           |
|---------------|--|--|-----------|-----------|---|----------|-------------------|
| Current       | Next Action/Status   | MFB  | Vol+      | Vol-      | Blue  | Red      | Tone              |
| OFF           | To Power On/Standby  | Hold 5s                                    |           |           | Flash 3x                                      |          | Medley            |
| ON/Standby    | To Power Off   | Hold 5s                                    |           |           |   | Flash 3x | Medley            |
| ON/Standby    | To Pairing   | Hold 2s                                    |           | Hold 2s   | Blue Flash 3x; Red/Blue alternating for 2mins |          | Beep 1x           |
| Pairing       | Pairing Passed   |  |           |           | Flash 3x                                      |          |                   |
| Pairing       | Pairing Failed/Timeout   |  |           |           |   |          | Beep Long         |
| Standby       | Connected to Phone   |  |           |           |   |          | Beep 2x           |
| Standby       | Disconnected from Phone  |  |           |           |   |          | Beep Long         |
| Standby       | To Make Call; from phone                                       | Follow normal ways on phone keypads        |           |           |   |          |                   |
| Standby       | To Make Call; last number redial                               | Hold 2s                                    |           |           |   |          | Beep 1x           |
| Standby       | To Make Call; voice dial                                       | Once                                       |           |           | After Beep tone; say voice tag                |          |                   |
| Call Incoming | To Answer  | Once upon ring tone                        |           |           |   |          | Ring tone         |
|               | To Answer; from phone  | Follow normal ways on phone; talk on phone |           |           |   |          |                   |
| Call Incoming | To Reject  | Hold 2s upon ring tone                     |           |           |   |          | Ring tone         |
| Talk          | To End Call  | Once                                       |           |           |   |          | Beep 1x           |
| Talk          | To Transfer between Headset and Phone; vice verse <sup>3</sup> |  | Hold 5s   |           |   |          | Beep 1x           |
| Talk          | To Mute/Unmute Call  | Once                                       | Once      |           |   |          | Beep 1x, beep/20s |
| Talk          | To Hold/Unhold Call <sup>3</sup>                               |  |           | Hold 2s   |   |          | Beep 1x           |
| Hold          | To Make Another Call <sup>2,3</sup>                            | Make call from phone; 2 active calls       |           |           |   |          |                   |
| Talk          | To Call Wait (answer 2nd call) <sup>2,3</sup>                  |  |           | Hold 2s   |   |          | Beep 1x           |
| Talk          | To Swap Calls <sup>2,3</sup>                                   |  |           | Hold 2s   |   |          | Beep 1x           |
| Talk          | To Conference Calls <sup>2,3</sup>                             |  | Hold 2s   |           |   |          | Beep 1x           |
| Standby/ Talk | To Increase Volume   |  | Once/step |           |   |          | Beep 1x           |
| Standby/Talk  | To Decrease Volume   |  |           | Once/step |   |          | Beep 1x           |
| Standby/Talk  | Low Battery  |  |           |           |   | Flash/4s | Beep/1min         |

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1. Features are dependant on make and model of phones
2. To activate this function, please make sure the assigned tele-communication agent provides this service
3. To activate this function, please refer to the instruction of your mobile phone to make sure your phone program supports this function