

BSH-1XX User Manual

Contents

	CAUTION: Safety Instructions	6
1	Introduction	
	Product Features	8
	LED Indications	9
	Audio Indications	10
2	Getting Started	
	Charging the Headset	11
	Connecting the USB cable.	11
	Switching the Headset on or off	12
	Wearing the Headset	13

Fitting the Ear Pads	14
--------------------------------	----

3 Computer Use

BT Stereo Headset Modes	15
Pairing with your Computer	16
Pairing Using the BTW Software	16
Pairing Using the Toshiba Software	18
Re-connecting	19
Listening to Music	20
Using your Headset to Chat	21

4 Phone Mode

Pairing Procedure	22
Re-connecting	23
Making a call from the mobile phone	24
Voice dialing through the Headset	24

Last number redial	25
Answering a call	25
Call swap	25
Ending a call	26
Rejecting a call	26
Muting a call	26
Adjusting the volume	27

5 Troubleshooting

Resetting the Headset	30
--	-----------

A Appendix

Specifications	31
Certification and safety approvals/general information	32

CAUTION: Safety Instructions

- Avoid storage at temperatures below -10°C or above 70°C.
- Avoid operating at temperatures below 0°C or above 50°C.
- Do not expose the headset or any of its supplied parts to rain or other liquids.
- Avoid humidity below 10% RH or above 95% RH.
- Do not store or leave your headset near a heat source such as a radiator, fireplace, stove, electric heater, or other heat-generating appliance, or otherwise expose it to temperatures in excess of 70° C. When heated to excessive temperatures, battery could explode or vent, posing a risk of fire.
- Do not use your headset while recharging.
- Do not use the headset while driving or cycling, or in any situation where you should be able to hear other sounds.
- To prevent possible hearing damage, do not listen at high volume levels for long periods.

NOTE: As a guide to setting the volume level, check that you can still hear your own voice, when speaking normally, while listening with the headset.



Introduction

Congratulations on your purchase of the BSH-1XX Bluetooth 2.0 EDR Stereo Headset. This headset allows you to communicate wirelessly through your computer or mobile phone using its built-in microphone and stereo earphones.

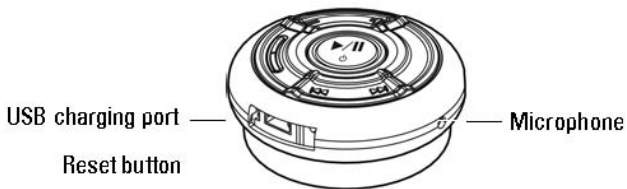
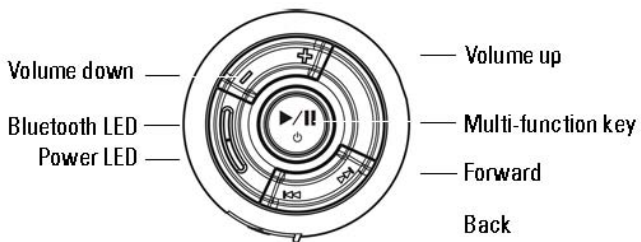


NOTE: Any devices that you use with this BT Stereo Headset must support the same profiles as your BT Stereo Headset.



NOTE: Your BT Stereo Headset can be paired to two devices at the same time, as long as it uses different profiles for each one. For example, it can be connected to a computer to listen to music and, at the same time, a mobile phone to receive phonecalls.

Product Features



LED Indications

Mode	LED Indicator
Power On	Blue LED solid on
Power Off	Blue LED off
Pairing	Blue LED fast blinking
Charging On	Red LED solid on
Full Charged	Green LED solid on
Battery Low	Red LED slow blinking
Idle model	Blue LED solid on
Connect to Bluetooth Device	Blue LED slow blinking

Audio Indications

Headset State	Audio Indication
Power On	"DO-LU" tone
Power Off	Beep
Mute Microphone	Beep every 2 seconds, from the receiver
Incoming call	Ringing tone
Low battery	Beep every 20 seconds, from the receiver
Initiating voice dial	Depends on the setting of the cell phone
Connection / Disconnection success	"DO-LU" tone
Out of range	Two "DO-LU" tones
Volume at minimum or maximum level	Beep
End of call	Beep

Getting Started

Charging the Headset

Before using your headset, charge it using the USB cable.



NOTE: The USB cable is ONLY used to charge the headset. It does not transfer data or audio in any way.

Connecting the USB cable

- 1 Plug the large end of the USB cable into a USB port on your computer
- 2 Plug the small end of the USB cable into the USB charging port on your headset (see next image)



NOTE: Charge the headset for approximately 3 hours. The Power LED is red during charging and changes to green when charging is complete.

Switching the Headset on or off

To switch on:

Press and hold the **Multi-function key** for 3 seconds until the Blue LED stays on (no flashing).

To switch off:

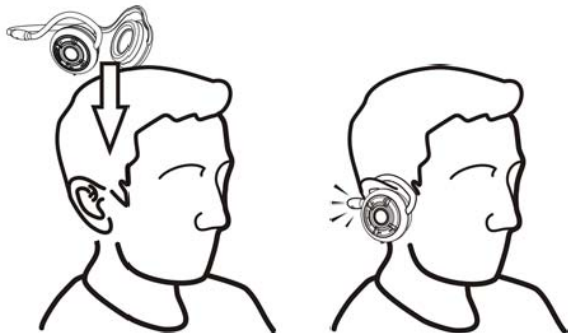
Press and hold the **Multi-function key** for 3 seconds until the Blue LED goes off.



NOTE: If the headset is left idle for 10 minutes (not connected to phone or music mode), it will power off automatically.

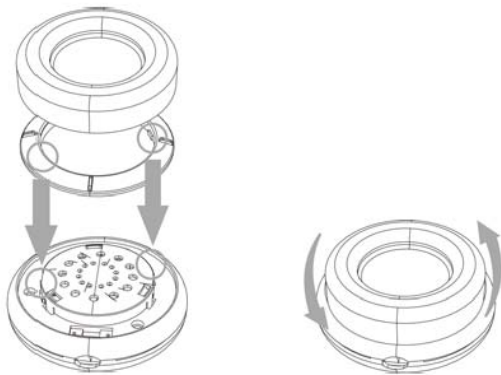
Wearing the Headset

The headset should be worn so that the headband is at the back of the neck, as shown below:



Fitting the Ear Pads

To fit the ear pads, place them on the headphones, making sure that the slots line up as in the first diagram (below), then rotate anti-clockwise until they click into place.



Computer Use

BT Stereo Headset Modes

Your BT Stereo Headset can be used as stereo headphones or as a hands-free device with your computer.

- When used as stereo headphones, the audio quality is much higher, but the microphone is disabled. This is perfect for listening to music.
- When used as a hands-free device, the audio quality is lower, but the microphone is enabled. This is more suitable for use with IP phone software, or recording your voice.

Pairing with your Computer

Pairing Using the BTW Software

To set up your headset with your computer:

- 1 Click **Start > All Programs > Connect Bluetooth Device**



NOTE: Make sure Bluetooth function is enabled on computer.

- 2 In the window which appears, click **Add a Bluetooth Device**.
- 3 The **Bluetooth Setup Wizard** appears. Before you click **Next**, you need to make sure your headset is discoverable, as follows:
 - With your headset turned off, press and hold the **Multi-function key** for 6 seconds until the Blue LED flashes quickly, which indicates that the headset is in pairing mode.
- 4 Click **Next** in the **Bluetooth Setup Wizard**.
- 5 After the search has finished, click the **BSH-1XX** icon, then click **Next**.

- 6** Make sure **Audio Sink** is highlighted, then click **Finish**. **NOTE:** By default, the BT Stereo Headset is installed as stereo headphones. If you prefer to install the BT Stereo Headset as a hands-free device, check the box beside Audio Sink, and then click Configure. In the window which appears, check Use connection for phone or dictation, then click OK.



Connecting the Headset

- 1** Double-click the **My Bluetooth Places** icon on your desktop.
- 2** Right-click on the **BT Stereo Headset** icon and choose **Connect Stereo Headphones** or **Connect Hands-free Headset with Microphone**. For more information on the difference between these two modes, see "BT Stereo Headset Modes" on page 15.

NOTE: If you choose Connect Hands-free Headset with Microphone, you will hear a ringing tone. Press the Multi-function key once to accept the connection.



Pairing Using the Toshiba Software

- 1 Click **Start > All Programs > Bluetooth > Bluetooth Settings**. The **Add New Connection Wizard** will begin (If it does not appear, click **New Connection**).

Before you click **Next**, you need to make sure your headset is discoverable, as follows:

- **With** your headset turned off, press and hold the **Multi-function key** for 6 seconds **until** the Blue LED flashes quickly, which indicates that the headset is in pairing mode.



NOTICE: Choose Custom Mode if you want to install as a hands-free device. To install as stereo headphones (with no microphone), leave on Express Install.

- 2 Click **Next**.
- 3 Highlight **BSH-1XX** and click **Next**.
- 4 (Hands-free installation only) Highlight **Headset**, then click **Next**.
- 5 (Hands-free installation only) When asked to press the headset button, press the **Multi-function key**.

- 6** (Hands-free installation only) Click **Next**.
- 7** (Hands-free installation only) Click **Finish**.
- 8** (Stereo Headset only) When asked for a Bluetooth Passkey (PIN), enter 0000 (four zeros).
- 9** (Stereo Headset only) The Bluetooth Settings screen will appear again. Click **Bluetooth > Options**.
- 10** (Stereo Headset only) Check the box beside **AV Remote Control Service**.
- 11** (Stereo Headset only) Click **OK**.
- 12** Click **Bluetooth > Exit**.

Re-connecting

When your headset is turned off and then on again, it is only necessary to press the **Multi-function key** once. This will re-establish the connection to either music or phone mode.

Listening to Music



NOTE: To listen to music through your BT Stereo Headset, first make sure your device has been set up following the instructions in "Pairing with your Computer" on page 16.

Once your BT Stereo Headset has been paired **with** your computer and connected as **Stereo Headphones**, open the audio software of your choice, such as Windows® Media Player®, and play music.

In Stereo Headphone mode, the following functions are available:

- **Multi-function key** – Plays or pauses track.
- **Forward** – Skips forward one track at a time. Hold to keep skipping forward through tracks.
- **Back** – Skips back one track at a time. Hold to keep skipping back through tracks.
- **Volume up** – Increases volume.
- **Volume down** – Decreases volume.

Using your Headset to Chat

 **NOTE:** To use your BT Stereo Headset with chat or IP phone software, first make sure your device has been set up following the instructions in "Pairing with your Computer" on page 16, making sure to connect it as a Hands-free Headset with Microphone.

Once your BT Stereo Headset has been paired with your computer and connected as a **Hands-free Headset with Microphone**, open the chat or IP phone software of your choice. Calls must be made or received using the software itself, although the volume can be increased, decreased, or muted remotely using the headset.

 **NOTE:** If your BT Stereo headset is not automatically used as the default communication device, consult the chat or IP phone software's documentation for information on choosing audio devices.

Phone Mode

Pairing Procedure

Your BT Stereo Headset needs to be paired to your mobile phone before it can be used. This is a two part process; one part is carried out on the BT Stereo Headset and the other is carried out on the phone.



NOTE: Pairing procedures differ from one mobile phone to another. Refer to your phone's documentation for details on its particular method.

To pair your BT Stereo Headset:

- 1 With your headset turned off, press and hold the **Multi-function key** for 6 seconds until the Blue LED flashes quickly, which indicates that the headset is in pairing mode.

- 2** Use your phone's menu to search for Bluetooth audio devices. The phone should indicate it has found the "BSH-1XX" headset. Confirm that you want to pair your phone and headset together. If you are unsure how to go through the pairing process on your phone, please consult its user manual.
- 3** When asked for a pin key, enter: 0000 (four zeros). Your phone confirms when pairing has been successful.

NOTE: There is usually a time limit to pair devices, for example 2 minutes.



Re-connecting

When your headset is turned off and then on again, it is only necessary to press the **Multi-function key** once. This will re-establish the connection to either music or phone mode.

Making a call from the mobile phone

While your mobile phone is paired with your headset, you can use the phone to make calls in the same way as normal. The only difference is that the earphone and microphone functions of the headset are used instead of the phone's.



NOTE: When connected in either Phone or Music mode, the Bluetooth LED blinks slowly.

Voice dialing through the Headset

In order to use the voice dial feature of your headset, your phone must support voice dialing and must have voice tags stored.

To use voice dialing:

- 1** Switch the headset on and pair it with your phone, if this is not already the case.
- 2** When the headset is connected to phone mode only, click the **Forward key** once.
- 3** Follow the instructions for voice dialing on your particular mobile phone.

Last number redial

When the headset is connected to phone mode only, click the **Back key** once, and your phone will redial the last number that you called.



NOTE: This function only works on Bluetooth phones that support the Hands-free profile

Answering a call

When someone calls you, a ring tone sounds in your headset. To answer the call, press the **Multi-function key**.



NOTE: You can set your mobile phone to automatically answer calls, meaning that you do not even need to press the Multi-function key. Please refer to your mobile phone's user guide for more information about this setting.

Call swap

Some phone service providers support call swap. This means that if you receive a second call, you can put the first caller on hold while you speak to the second caller. If your phone supports this feature:

- 1 Press and hold the **Multi-function key** for 1 second, to put the first caller on hold and answer the second call
- 2 When the second call has ended, the first caller is automatically taken off hold.



NOTE: Press and hold the Multi-function key for 1 second if the first caller is not taken off hold automatically (depends on phone model).

Ending a call

During a call, press the **Multi-function key** to hang up. If the other person hangs up first, then the call ends automatically.

Rejecting a call

If you don't wish to accept a call, short press the **Forward key** to reject it.



NOTE: To use this function, your mobile phone must support the Hands-free profile.

Muting a call

During a conversation, press the **Back key**. The microphone mutes. To cancel mute, press the **Back key** once again.

Adjusting the volume

The headset offers 8 pre-set volume levels.

- To increase the volume, press the **Volume up key**
- To decrease the volume, press the **Volume down key**.

Troubleshooting

No sound

Make sure volume is not set to lowest level.

Make sure headset is paired.

Make sure headset is switched on and sufficiently charged.

Make sure not to establish connection between BT Stereo Headset with computer while multi-media software is open.

Make sure volume is not muted, as follows:

- a** Double-click on the **Volume** icon in the **Windows** Taskbar.
- b** Click **Options > Properties**.

- c Make sure that **Bluetooth High Quality Audio** (if using BTW software) or **Bluetooth Wave from Toshiba** (if using Toshiba software) is chosen as the **Mixer device**, then click **OK**.
- d Make sure that **Volume Control** is not muted, then click **Options > Exit**.

Headset does not appear to be paired

Pairing might have been accidentally deleted. Re-pair devices. **Only certain features appear to work with my mobile phone.** Some phones do not support all features, as they only support the headset, but not the hands-free, profile.

Stereo music works, but control buttons do not

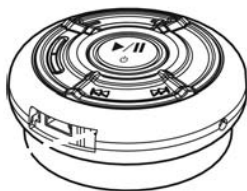
Stereo music is transmitted using the A2DP profile. However control buttons use the AVRCP (remote control) profile. Make sure your other device supports the AVRCP profile, and if it does, try re- pairing.

Sound has interference

Since this headset uses Bluetooth technology, there is a chance of interference if objects are placed between your headset and your other Bluetooth device. Therefore, make sure that the path between the two devices is as clear as possible.

Resetting the Headset

If at any time the headset freezes, or fails to behave as it should, press the **Reset button**.



Reset button



NOTE: After resetting the headset, switch on the power and connect your devices again.

Appendix

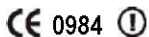
Specifications

Compatibility	Bluetooth Ver. 1.1, 1.2 or 2.0 devices
Maximum distance	30 Feet (10 meters)
Weight of headset	Approximately 70 grams
Typical standby time	Over 150 hours
Typical talk time	Up to 12 hours
Typical audio streaming time	Up to 10 hours
Typical re-charge time	3 hours
Battery type	Lithium Polymer 500 mAh rechargeable

Certification and safety approvals/general information

This product is CE, FCC, BQB marked. Please note that this product uses radio frequency bands not available for use within some areas of the EU. This product is intended to be used in Austria, Belgium, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Luxembourg, The Netherlands, Portugal, Spain, Sweden, United Kingdom and within EFTA in Iceland, Norway and Switzerland.

Users are not permitted to make changes or modify the device in any way. Changes or modifications not expressly approved by your distributor will void the users' authority to operate the equipment. Bluetooth is a registered trademark owned by Bluetooth SIG, Inc. Important information on safe and efficient operation. Read this information before using your phone. Users are not permitted to make changes or modify the device in any way. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.



Is herewith confirmed to comply with the requirements set out in the Council Directive on the Approximation of the Laws of the Member States relating to Electromagnetic Compatibility (89/336/EEC), Low-voltage Directive (73/23/EEC) and the Amendment Directive (93/68/EEC), the procedures given in European Council Directive 99/5/EC and 89/3360EEC. The equipment was passed. The test was performed according to the following European standards:

- EN 300 328 V.1.6.1 (2003-04)
- EN 301 489-1 V.1.4.1 (2002-04) / EN 301 489-17 V.1.2.1 (2002-04)
- EN 301 893 V.1.2.3 (2003-08)
- EN 50371: 2002
- EN 60950: 2000

Regulatory statement (R&TTE)

European standards dictate maximum radiated transmit power of 100mW EIRP and frequency range 2.400-2.4835GHz;

In France, the equipment must be restricted to the 2.4465-2.4835GHz frequency range and must be restricted to indoor use. Operation of this device is subjected to the following National regulations and may be prohibited to use if certain restriction should be applied.

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.
- 2** This device must accept any interference received, including interference that may cause undesired operation.

15.105 Federal Communications Commission (FCC) Requirements, Part 15

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 (including the antennas) made to this device that are not expressly approved by the manufacturer may void the user's authority to operate the equipment.

FCC RF Radiation Exposure Statement: This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter.

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.
- (2) This device must accept any interference received, including interference that may cause undesired operation.

15.105 Federal Communications Commission (FCC) Requirements, Part 15

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 (including the antennas) made to this device that are not expressly approved by the manufacturer may void the user's authority to operate the equipment.

FCC RF Radiation Exposure Statement: This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter.