

1. BTH-818 Headset

1.1 Introduction to your new headset

Thank you for purchasing the new BTH-818 Bluetooth Headset – We trust it will deliver the best that both Bluetooth convenience and reliability has to offer.

The BTH-818 represents the latest innovation in both functionality and audio quality – enabling users with compatible mobile devices the use of a calling number display while also supporting the latest SmartPhones utilising both Handsfree and Headset Profiles – Ensuring compatibility with Nokia, Sony Ericsson and many more mobile phones along with Windows powered SmartPhones. This guide is provided as an introduction to using the headset with Bluetooth mobile phones using either a Handsfree or Headset profile.

1.2 Key Features

- Bluetooth operating distance - 10 meters.
- Talk time – 7 hours.
- Standby time – Approx 300 hours.
- Uses high capacity rechargeable Li-ion polymer battery
- Detects and warns of low battery conditions.
- Convenient user interface with on-board LCD.
- Call List function for up to ten recently used phone numbers
- Phone Book function with ten permanent quick dial number memory
- Five ring tone options.
- Mute-call function.
- Setup and Time display.
- Up to 5 Bluetooth devices can be paired simultaneously.
- Easy to use and setup.

1.3 Technical Specification

Bluetooth Standard	v1.1
Operation Range	10 meter (Approx 33 feet)
Audio Codec	15 bit resolution, S/N > 60dB
Operating Frequency	2.4 Ghz - 2.4835 Ghz ISM Band
Dimensions:	(L)72mm*(W)26mm * (H)16mm
Connection	Point-to-point
Device Weight	35g (including battery)
Talk time	7 hours
Standby time	300 hrs
Output Power	0 Dbm (class II)
Security	128 bits encryption
Power Consumption	40mA working, 1mA standby
Battery	Rechargeable Li-ion polymer 300mAh
Charging	5vdc, 100~240V AC adapter
Charging time	2~3 hrs
Operating Temperature	-10°~55° C
Storage Temperature	-20°~60° C
Certification	CE, FCC, BQB
LCD	1/16 duty cycle 5V.
Headset passkey	0000

2. BTH-818 Appearance and Pushbutton Descriptions:

2.1 Operational Button Descriptions

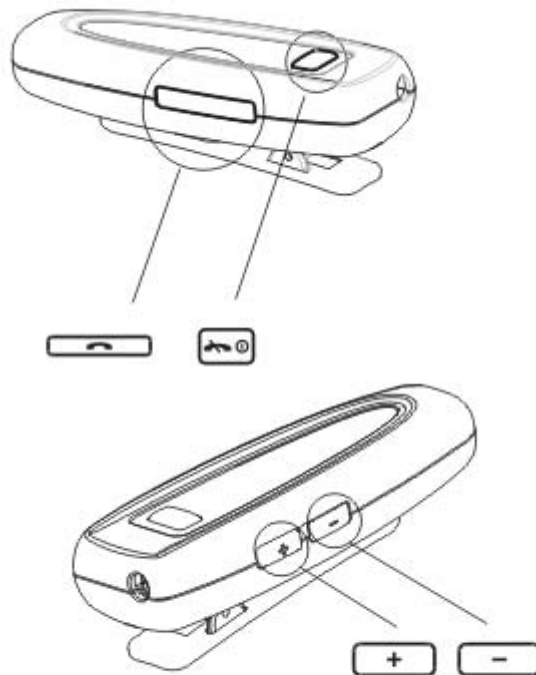










Figure 1

	Power Switch / Terminates the current call.
	Initiates an outgoing call or accepts an incoming call.
	Increase Volume
	Decrease Volume
	Earpiece on-cable switch allows call pickup - Identical to  key in function.

2.2 Plugging in the Headset

Insert the earpiece into the earphone socket.

Note: There is a  button in providing a call pickup function identical to  key.

Refer to Figure 2 and Figure 3.

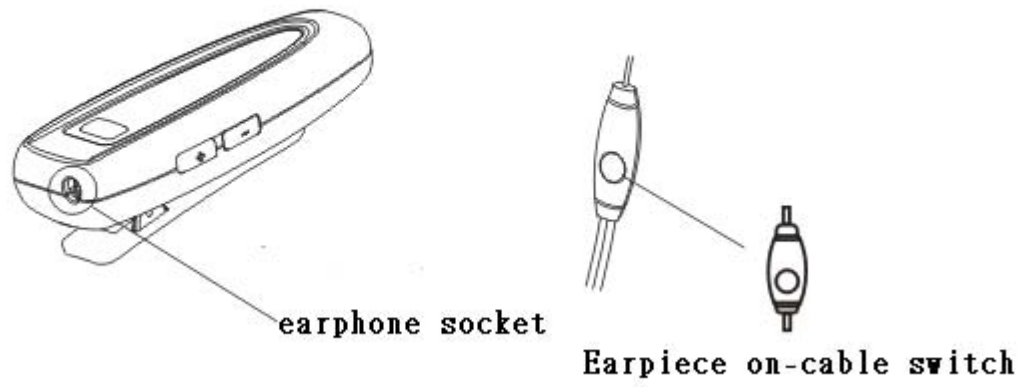


Figure 2

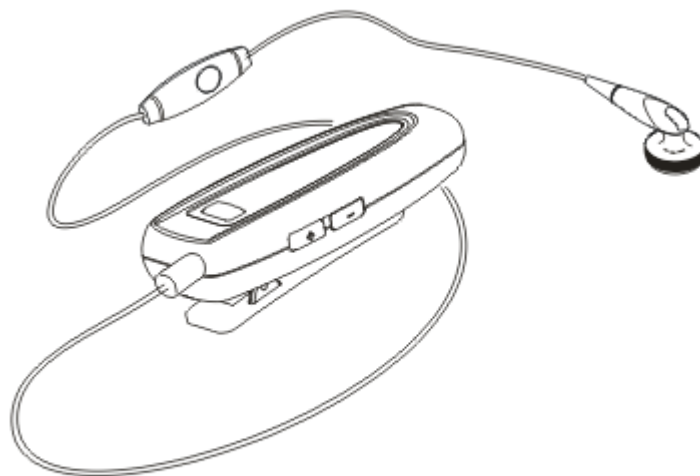


Figure 3

2.3 Operation and Fitting

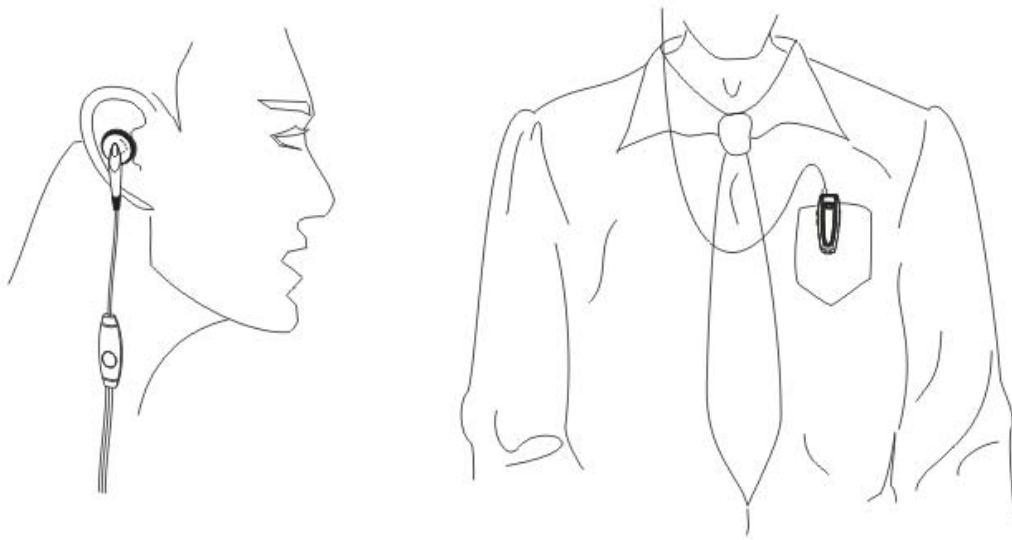


Figure 4

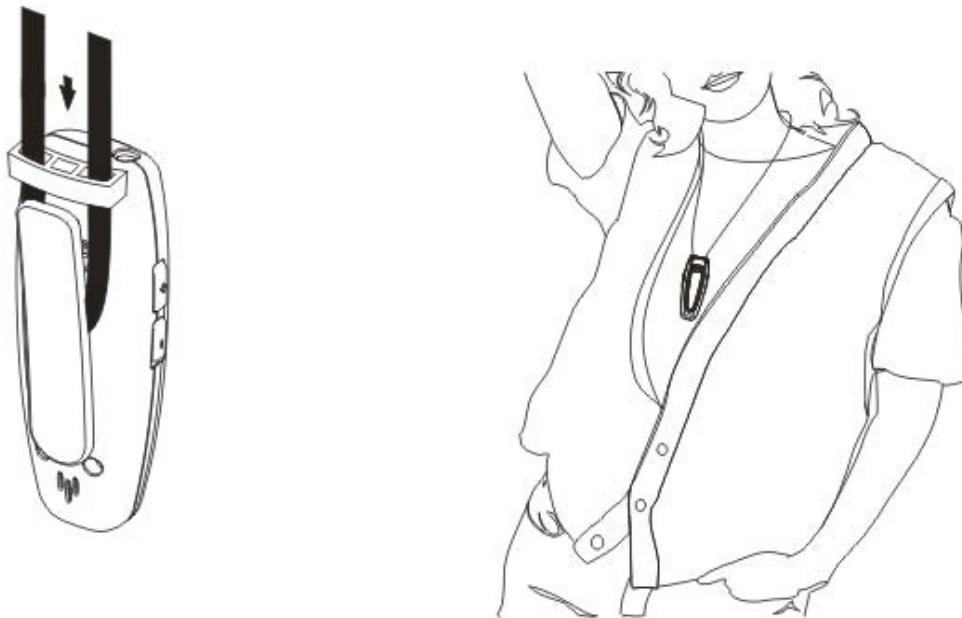









Figure 5

2.4 Symbols Displayed on LCD Display

	Battery charge condition
	Turn off the ring tone
	Call & Phone Book Indicator
	Missed Call Indicator
	Activating the Bluetooth
	Bluetooth is Being Connected
	Time of Graphic Display

3. Operation

3.1 Setting Up the Headset for the First Time

3.1.1 Initial Recharge of The BTH-818

Before initially using this product, please charge the battery for 2-3 hours. The headset can be charged via the computer's USB interface or household charger as provided. For more information on charging the headset, please refer to Figure 6 and Figure 7.

Battery State Indicator:



When the battery symbol is flashing, the headset is charging.



A solid graphic indicates a complete charge.



An empty battery graphic indicates charging is immediately required.

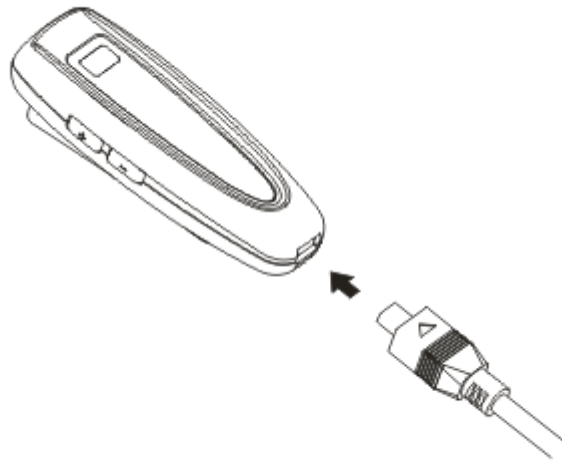


Figure 6

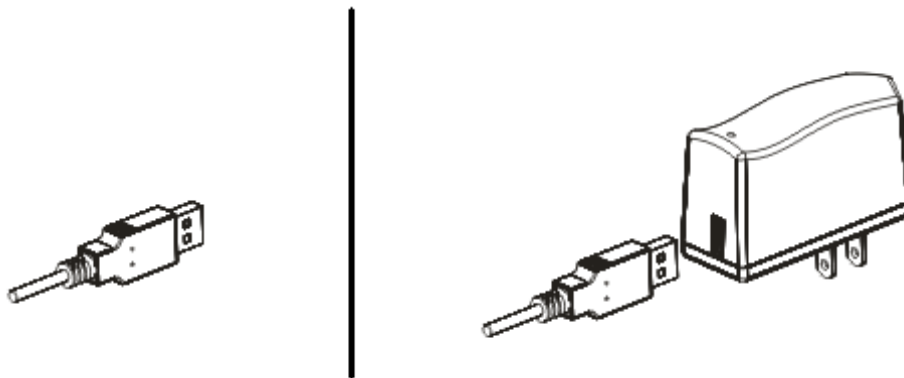






Figure 7


3.1.2 Setting the Time of Day

Before using BTH-818 product, please set up system time.

The setting procedure is outlined below:

Menu → Set System → Time → press  to select time column → press  or  to change time and  key to confirm the time as selected.

3.2 Resetting the Headset for Initial Use

To re-initialize the BTH-818 headset, press and hold  for three seconds, until you hear two beeps indicating that the initialization procedure is completed. The headset will then display the cellular phone pattern ID indicating the device that is being paired, such as the one displayed in Fig. 8 that indicates a Sony Ericsson T610 cellular phone. And if there is no any cellular phone under pairing connection yet, it will display “No Device” string.

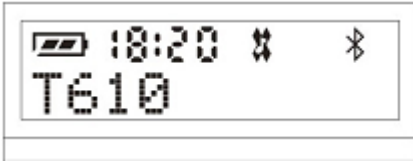



Figure 8

Note:



1. For some mobile phones like T610, you can easily change the device name from the option menu. (All the device names have to be in English else it will show “Unknown Device” on the BTH-818).
2. When the pairing is completed, it will show “Unknown Device” on the GV-101. After the bluetooth is fully connected with the BTH-818, the selected device name will be shown on the BTH-818.

3.3 Powering Off Your Headset


To turn off the BTH-818 headset, press and hold  for three seconds or until you hear two beeps indicating that the headset is shutting down.

3.4 Option Menu Configuration


3.4.1 Enter the Menu

Press both  and  buttons simultaneously to enter the option menu.

3.4.2 Menu Operation

Press  button to move up through the menu.

Press  button to move down through the menu.

Press  button to select.

Press  button to quit the option

3.4.3 Menu Configuration

There are three main options:

Set Ring Tone, Device Management (MGT) and Set System;

While moving through the menu, use the  and  button to select each option.

Press the  key to select the option or press  to quit this option.

Menu Option Descriptions:

SetRing	Option to Set Up Ring Tones
Device MGT	Bluetooth Pairing Management.
Set System	Set Up System Parameters.

3.5 Bluetooth Pairing Management

The BTH-818 headset must first be paired with your Bluetooth mobile phone prior to use. You may need to refer to your mobile phone's instruction manual for the correct pairing procedure for your device as every phone has a different pairing procedure.

3.5.1 Headset Pairing

Step 1.

Enter Pairing Mode

Option Menu → Device MGT → select Pairing-HF (Handsfree) or Pairing-HS (Headset) option → Pairing model and the "Pairing..." notification will be displayed, as indicated in Figure 9.

Description: The BTH-818 can support Headset (HS) and Handsfree (HF) profile Bluetooth. Most typical cellular phones support the Handsfree Profile; Windows Mobile devices and other SmartPhones typically support the Headset profile.

Before commencing pairing, identify which profile is supported by your mobile!

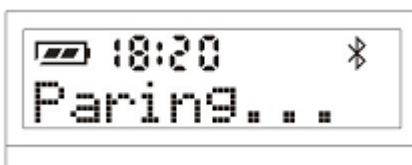


Figure 9

Step 2.

Use the Bluetooth Menu on your Mobile to Discover the BTH-818 Bluetooth headset.

When the mobile sees the headset, it will then request a PIN code - This is "0000". If you are unsure of how to enter Bluetooth Discovery mode on your mobile phone, please refer to your user's guide.

Step 3.

After completing the pairing process, you will hear one "beep" indicating that pairing is completed and that normal operation has resumed.

Note:

1. For some mobile phones like T610, you can easily change the device name in the settings. (All names have to be in English otherwise the BTH-818 will show “Unknown Device”).
2. When the pairing is completed, it will show “Unknown Device” on the mobile phone. After the bluetooth is fully connected with the BTH-818, the selected device name will be shown on the mobile phone.

3.5.2 Setup Paired Device as Default

Enter the option menu → Device MGT → Managment → select the paired device →

Default → Press  to complete the setup.

Description: The BTH-818 will be able to store up to five headset pairings and you can set your usual mobile as the default. When powering on / resetting the BTH-818, it will display the default device name. Refer to Section 3.2 for details.


3.5.3 Delete Paired Device

Enter the Option Menu → Device MGT → Managment → select the Paired Device →


Delete → press  to remove Paired Device.

3.6 Use the Call List and Phone Book Functions


The Call list is the list of rapid access numbers stored in BTH-818, displayed in Fig 11. There are 10 memories available to store the recent call numbers. When the recorded numbers list exceeds ten, the last call number received will replace the first call number automatically. You can add the call list record to the phone book, making it a permanent record. Once the specific call record becomes a phone book record, the headset will



display the  symbol as shown in Fig 12.

Operation:

Pressing  button once. The system will display L/N Redial option (Last number).

Pressing  jumps to the first position of the call list.

Pressing  jumps to the first position of the phone book.

Then, press  and  to call based on the call list or phone book. When scrolling through the list, you may notice that the end of call list connects to the beginning of phone book.

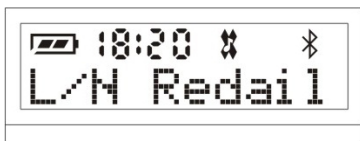


Figure 10

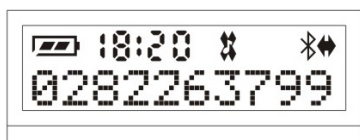


Figure 11

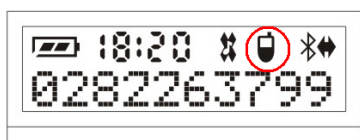





Figure 12

3.6.1 Adding Numbers From Call List into Phone Book

Pressing  once, the system will show “L/N Redial” and display call list mode;

Using  and  to select the phone number you would like to add.

Pressing and holding  until you hear one “beep”, results in the number being

added to the phone book. The phone book  symbol will then be added to the record.

3.6.2 Use the Call List or Phone Book to Make Calls

Press  once. The display will show “L/N Redial” and the headset will enter the

Call List mode. Use  and  to select the required phone number.


Press and hold  will commence dialing the number.


The display appears as shown in Fig 13 below.




Figure 13

3.7 Deleting Phone Book Numbers

Press  once – The headset will show “L/N Redial” and will enter the call list mode;

Press  and  to enter the phone book and select the number to delete.

Press and hold  until you hear one “beep”, the call number selected is then deleted from the phone book.

Note: The call list cannot be deleted in its’ entirety. Only the phone book can be erased.

3.8 Use Your Mobile Phone to Make Calls

Simply dial as normal directly on your mobile phone.

Note: Some Bluetooth mobile phones will search for headsets and select your Bluetooth Headset automatically during the dialing process – Others may require you to push the call button prior to dialing.



3.9 Use Voice Dialing to Make Calls (on Supported Phones)

More information can also be found in section 4.5 As voice dialing is a function of the mobile phone itself, functions available will vary from handset to handset. Please refer to your mobile phone’s instruction manual for more information.


3.10 Answering Calls

While receiving an incoming phone call, press  or  the earphone lead button to answer the inbound call.

3.11 Ending Calls



Press  or  on the earphone to terminate the call.

3.12 Deny Answering Call (Busy)


Press  to refuse the inbound phone call.

4. Settings

4.1 Changing the Earphone Volume Level



While making a call, you can use  and  to change the earphone's volume level.

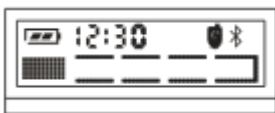
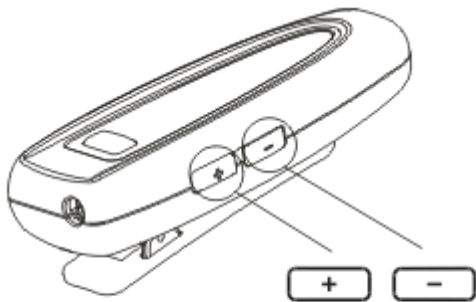
4.2 Muting the Microphone During a Call


Press  during a call to switch to mute mode. The display will show the mute symbol and you will hear a warning tone from the headset to remind you to return from mute mode.

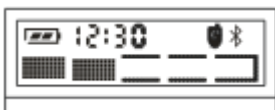
Press  button once again to return from the mute mode.


4.3 Changing The Ringer Volume

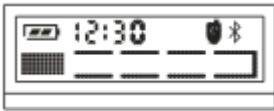
To change the ringer's volume, you can use  and  buttons while not making a call. There are five ringer volume levels to choose from.



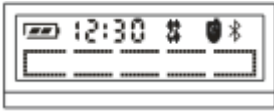
Pressing the  button once will increase the headset volume – The headset will beep once as a result.




Pressing the  button once to decrease headset volume - The headset will beep once as a result.



Pressing the  button will shut down the ring tone.






When the icon  displays, it means that the ring tone has been muted.



4.4 Changing the Headset Ring Tone

Enter the option menu → Set Ring → press  button.

The headset will play the ring music as selected.

You can use the  and  buttons to select → press  button to make your ring tone selection. There are five different ring tones available.

4.5 Re-Connecting Your Headset to Your Mobile

If Bluetooth is offline (eg. a call has not been received by the headset), press and hold the  button for over 3 sec until a “beep” is heard from the ring tone. The BTH-818 will reconnect to the default mobile phone as previously paired. As soon as the paired mobile device is re-connected, the  icon will show as indicating a successful Bluetooth connection. If you have not yet paired the device, please refer to the Pairing Management information in Section 3.5.

Note: If the Bluetooth Mobile Phone supports the voice dialing, the user may use it to perform voice dialing as normal.

4.6 Cleaning Up Your Call List and Phone Book Data

Enter the Option Menu → Set System → Data Clear → press the  button.

The display will now show “Data Clear” – This function will clear the call lists ready for new entries.

4.7 Backlight Operation

While operating any of the BTH-818 function keys, the backlight will activate for 5 seconds before automatically switching off.

4.8 Automatic Bluetooth Disconnection (Power Save Mode)

Enter the Option Menu → Set System → Auto Disconnection →

If Selecting “YES” - Bluetooth connection will automatically disconnect after 30 seconds of inactivity to save power. However, some devices may not automatically reconnect to the headset (making this mode inappropriate).

If Selecting “NO” - BTH-818 will remain online until manually disconnected.

Note: This function specified above cannot be used with all Bluetooth cellular phone products. Some devices may remain online or not automatically return from the offline state.

4.9 Automatically Adding the “+” Prefix to the Number to be Called

Enter the Option Menu → Set System → No. Form →

By default the setting is “Normal”, you do not need to add “+”. In certain cases, you may want to add the prefix – Use the “ADD +” option to add “+”.

Note: Different telephone providers implement the standard in different ways and incompatibilities could occur. There are some telephone providers that require adding a “+” before dialing. If you cannot dial out properly, it could be because some telephone providers require this number format.

5. Troubleshooting

Unable to Connect

- a. Check if BTH-818 product has been fully charged and is within the effective operating distance from the Bluetooth mobile phone. (Bring closer if required)
- b. Check or re-setup mobile phone Bluetooth parameters. If no pairing is made or the pairing has dropped, redo the pairing process. If the pairing is still in place, delete the former pairing on both the headset and mobile device and redo if you are still experiencing difficulty.
- c. Check if battery charge state is sufficient for operation.
- d. Reboot the mobile phone.

Silence at Caller or Receiver’s End During Call

- a. Check to see if the headset is fully recharged and that the Bluetooth mobile phone is well within effective operating distances.
- b. Ensure that both the earphone and Bluetooth headset are correctly connected.

Unable to Connect a Call from the Phone Book or Call List

- a. Using the “ADD +” option to add “+” as shown in figure 4.9.

FCC Notice

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.

FCC RF Exposure requirements:

This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter.

NOTE: THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.