

User Manual

PBH 100 Bluetooth Headset



DOC. V1.30

Table of Contents

I. Introduction	2
Package Contents	2
Features	2
Overview of Bluetooth Headset	3
II. Start Use Headset	4
Charging the Battery	4
To Recharge the Battery	4
Turning the Headset On/Off	5
Turning On	5
Turning Off	5
Pairing the Headset and Phone	6
Wearing the Headset Over the Ear	7
Controlling Headset Volume	7
Increasing and Decreasing Volume	7
Resetting the Headset	7
Connecting to Other Devices	7
Making and Receiving Calls	8
Understanding Your Headset Indicators	9
III. Troubleshooting	10
IV. FAQ	11
V. Regulatory Compliance Notices	12
FCC Class B Equipment Notice – PBH100 Bluetooth Headset	12
European CE Notice Certification and Safety Approvals/General Information	13
VI. Limited Warranty	14

I. Introduction

Thank you for purchasing this PBH100 Bluetooth Headset. The Bluetooth headset is the next generation of mobile accessories – a comfortable and portable Bluetooth headset for hands free communication with your Bluetooth enabled mobile phone. The headset allows the user to communicate between various Bluetooth devices, including cellular phones, personal digital assistants, and laptop computers. Bluetooth is a short- range wireless communication technology. It allows wireless connections between Bluetooth devices. Bluetooth refers to a worldwide standard designed to operate in the internationally recognized ISM (Industrial Scientific and Medical) frequency band. Within the ISM band (2.4GHz – 2.4835GHz) Bluetooth transmissions hop between 79 separate frequencies 1,600 times every second, and with a communication range of about 10 meters (class II).

Package Contents

- Bluetooth™ Headset
- Earpiece
- Charger
- USB charge cable
- User's manual

Features

- Fully compliant with Bluetooth™ version 1.1.
- Supports Bluetooth™ headset profile and hands-free profile.
- Comfortable, ergonomic and lightweight design for long wear use.
- Optimized acoustic design.
- Easy to operate user interface for call answer/initiate, volume control, mute and pairing.
- Allows voice dialing on voice dial capable phones.
- Compatible with all Bluetooth™ mobile phones. (Bluetooth™ version 1.1)
- Rechargeable lithium polymer battery.
- Bi-color LED indicator shows headset status - active, ready, battery low or charge status.
- PC USB port charging capability.
- Compliance with BQB, FCC, CE.

Overview of Bluetooth Headset



1. Indicator Light:
 - One blue LED provides a visual cue regarding the status of the headset.
 - One red LED indicates the rechargeable battery power status.
2. Microphone:
 - Receives audio from speaker.
3. Speaker & Earpiece:
 - Plays the sound you receive on the call.
 - Earpiece for comfortable wear.
4. Volume Control:
 - Two buttons of volume up and volume down for adjusting the speaker (receive) and ring tone.
5. Charging Port:
 - One USB mini B type receptacle for battery charger.
 - Only works with supplied AC/DC adaptor.
6. Multifunction Button (MFB):
 - Controls various functions of the headset.

II. Start Use Headset

Charging the Battery

For first time use, before you can use your headset, you need to charge its self-contained battery for two hours.

Recharging —When you hear two rapid high tones through the headset speaker or red LED indicator flashes, repeated at 30-second intervals, the headset battery needs to be recharged. It will take approximately 2 hours to fully charge the battery.

To Recharge the Battery

1. Plug the travel charger into an AC outlet.
2. Connect detachable cable of USB type A plug into travel charger.
3. Connect another end of detachable cable of USB type mini B plug into charging port of headset.
4. The red indicator on the headset turns on.
5. When the battery is full, the red indicator turns off.

A fully charged headset battery will provide up to 6 hours of talk time, and up to 150 hours of standby time.

Note: *Normally, over extended use periods of time, battery gradually wears down and requires longer charging times. The more you talk on the phone with the headset, the less standby time your battery has.*

The rechargeable battery that powers this product must be disposed of properly and may need to be recycled. Contact your local recycling center for proper disposal methods. Never dispose of battery in a fire because they may explode.

To check up the power status of headset press the MFB button then you can see the bi-color indicator light turns on.

Turning the Headset On/Off

Turning On

1. To turn power on by pressing and hold the MFB button together with Volume Up key.
2. Wait for more than 2 seconds until the blue light is steady ON.
3. Release both buttons.
4. The headset speaker sounds high to low tone.
5. The blue light flashes every 3 seconds.

Note: If the headset battery is low, the red light on the headset will turn on.

Turning Off

1. To turn power off by pressing and hold the MFB button together with Volume Up key.
2. Wait for more than 2 seconds until the blue light is steady ON.
3. Release both buttons.
4. The headset speaker sounds single low tone.
5. The blue light turns off.

Pairing the Headset and Phone

You must pair your headset and Bluetooth enabled phone before you use the headset.

1. Turn the headset on.
2. Press Volume Up or Volume Down button for more than 2 seconds until the blue light is steady ON.
3. Release button.
4. Perform a device discovery from the phone.
Please refer to the user's guide for the phone to find out details on device discovery for your phone.
5. When the scan is complete, the phone displays the devices found.
6. Select the PBH100 from the discovered devices list and confirm following the on screen prompts.
7. When prompted by the phone, enter the passcode 0000 and confirm to pair the headset with the phone.
8. Pairing is finished successfully when the headset blue light indicator flashes 10 times rapidly and headset speaker sounds single high tone.

About Pairing

"Pairing" creates a permanent, secure link between devices equipped with *Bluetooth* wireless technology and allows the phone to remember the headset's unique ID. Once paired, the communication between two devices does not need any authentication or authorization anymore. Paired devices remain paired even when one of the devices is not powered up, the service connection is stopped or interrupted, or one or both of the devices are rebooted.

Wearing the Headset Over the Ear

PBH100 can be worn on either the right ear or the left ear. You may gently rotate the speaker to wear it for your wearing preference. Place the headset properly on your ear and then adjust the earpiece and speaker to fit it well in stable and comfortable.

Note: The maximum rotation angle of speaker of headset is 240 degrees.

To get the better communication performance, wear Bluetooth headset and your Bluetooth phone on the same side of your body and make sure there are no any obstructions between the headset and the phone.

Controlling Headset Volume *Increasing and Decreasing Volume*

To increase speaker or ring tone volume, press the volume up button repeatedly until it reaches the desired volume level you desired.

To decrease speaker or ring tone volume, press the volume down button repeatedly until it reaches volume level you desired.

Resetting the Headset

You can reset the headset to its original settings as following procedures:

1. Press and hold the MFB button together with Volume Down key.
2. Wait for 2 seconds.
3. Release both buttons.
4. The headset speaker sounds single high tone.
5. The blue light displays 3 short flashes.

Note: Resetting the headset does not affect paired links or device data.

Connecting to Other Devices

To connect the Headset to another Bluetooth-enabled device (for example notebook, PDA), the device must support Audio Gateway Profiles. Please refer to the respective user manual to set up the headset application.

Making and Receiving Calls

The headset supports both Hands Free and Headset Profiles. Accessing all call functions depends on which profile your Bluetooth phone supports.

Note: *If your phone does not support all features listed. Please consult your phone user's guide.*

You can activate call functions for both Hands Free and Headset Profiles according to the functions listed below.

Function	Action	
	Hands Free Profile *Long press is more than 1 second *Short press is less than 0.4 second	Headset Profile
Make a Voice Dial Call	• Press MFB once	• Press MFB
	• Speak name	• Speak name
	• Phone dials call	• Phone dials call
Dial a Number	N/A	• Press MFB
Redial a Number	• Long press MFB	• Press MFB (recalls last phone number) • Press MFB (call is sent)
End a Call	• Short press MFB	• Press MFB
Put Active Call on Hold	• Long press MFB	N/A
Receive a Call	• Short press MFB (call is answered)	• Press MFB (call is answered)
Reject a Call	• Long press MFB	N/A
Answer 2nd Incoming Call	• Long press MFB	N/A
	• Place 1st call on hold, answer incoming call	
Toggle between Two Active Calls	• Long press MFB	N/A
Transfer Call from Phone to Headset	• Short press MFB (call transferred to headset)	• Press MFB (call transferred to headset)

Understanding Your Headset Indicators

Function	Visual Indicators	Audible Indicators
Power On	Blue light - On	High to Low Tone
Power Off	Off	Single Low Tone
Active	Blue light - flashes every 8 seconds	Melody
Standby	Blue light - flashes every 3 seconds	Melody
Pairing	Blue light - On	Off
Entering PIN Code	Blue light - ten short flashes	Single High Tone
Charging	Red light - On	Off
Fully Charged	Off	Low Tone Beep
Low Battery Warning	Red light - flashes every 4 seconds	Rapid 2 high tones
Voice Dial Call	Blue light - two short flashes	Single Beep
Dial a Number	Blue light - two short flashes	Single Beep
Redial a Number	Blue light - two short flashes	Single Beep
End a Call	Blue light - two short flashes	Single Beep
Put Active Call on Hold	Blue light - two long flashes	Single Beep
Receive a Call	Blue light - two short flashes	Single Beep
Reject a Call	Blue light - two long flashes	Single Beep
Answer 2nd Incoming Call	Blue light - two long flashes	Single Beep
Toggle between Two Active Calls	Blue light - two long flashes	Single Beep
Transfer Call from Phone to Headset	Blue light - two short flashes	Single Beep
Volume Maximum or Minimum Reached	Blue light - two short flashes	High to Low Tone
Volume Increase or Decrease	Blue light - two short flashes	Off
Power Test	Red light - On Blue light - On	Off

III. Troubleshooting

1. Can't turn the Bluetooth headset on.

Ensure the Bluetooth headset is properly charged.

2. The headset can't pair with Bluetooth mobile phone.

Turn both Headset and mobile phone off then perform the Pairing procedure again and refer to the procedures described in your mobile phone's manual.

3. The headset is paired and connected but no sound output.

- *Ensure the Bluetooth headset is within working range.*
- *Try adjusting the volume on your headset.*

4. There is no indication of charging when start charge.

Once the headset battery is empty or has not been used for a long time, it may take a couple of minutes to activate the headset indicator with a steady red light.

5. Headset can't activate the voice dialing function.

- *Ensure your Bluetooth mobile phone supports the voice dialing function.*
- *Ensure you already created the voice tag on the number you wish to dial in your phone book.*

IV. FAQ

1. Will other Bluetooth™ phones interfere with my Bluetooth Headset?

No. Once they are paired, your identity is known only to the mobile phone you use and no other Bluetooth™ phone can hear your audio signals.

2. Can the headset cause interference with my car radio?

No. The Bluetooth™ standard does not interfere with car radios.

3. Can I wear PBH100 Bluetooth headset in the rain?

No. This PBH100 is not waterproof product.

4. Can I turn my headset on when it is charging?

No. Your headset will stay off during the charging process.

5. Is the battery removable?

No. The battery is not removable and you should never try to open the headset.

V. Regulatory Compliance Notices

FCC Class B Equipment Notice – PBH100 Bluetooth Headset

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 implementing one or more of the following measures:

- Reorient or relocate the receiving antenna;
- Increase the separation between the equipment and receiver;
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected;
- Consult the dealer or an experienced radio or television technician for help.

Modifications

The FCC requires the user to be notified that any changes or modifications made to this device that are not expressly approved by B.A.E., may void the user's authority to operate the equipment.

Declaration of conformity for products marked with the FCC logo – United States only.

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 unwanted operation.

•IMPORTANT NOTE:

This equipment complies with FCC radiation exposure limits set forth for a portable uncontrolled environment. To maintain compliance with FCC RF exposure compliance requirements, please do not attach any decorative components with metal parts to this equipment.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.



European CE Notice Certification and Safety Approvals/General Information

This product is CE marked according to the provisions of the R & TTE Directive (99/5/EC). Hereby B.A.E. declares that this product is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

Please note that this product uses radio frequency bands not harmonized within the European Union ("EU"). Within 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, The 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 B.A.E. will void the users authority to operate the equipment.

VI. Limited Warranty

The manufacturer warrants that the Bluetooth Headset shall conform to her published specifications, which maybe subject to change, and remain free from defects in materials and workmanship under normal, proper and intended use within warranty time, provide that proof of purchase be furnished with any returned equipment.

During the warranty period, if any component part of the equipment becomes defective by reason of material or workmanship, the manufacturer is immediately notified of such defect. The manufacturer shall supply a replacement part or request return of equipment, freight prepaid, and its designated facility for repair. In the event that no fault is found on a product returned for repair, the manufacturer reserves the right to charge the customer its standard published repair charge.

This warranty shall not apply to any product that has been subject to misuse, bending, twisting, neglect, alteration, improper installation, operation outside of the parameters of the published specification, use in any non-approved countries or unauthorized repair performed by anyone other than a designated repair facility. Any non-warranty repairs or maintenance shall be at the manufacturer's standard rates in effect at the time.

This warranty is in lieu of all other warranties, whether expressed, implied, or statutory, including but not limited to, implied warranties or merchantability and fitness for a particular purpose. In no event shall the manufacturer be liable, whether in contract, in tort, or on any other basis, for any damage sustained by its customers or any other person arising from or related to loss of use, failure or interruption in the operation of any products, or delay in maintenance, or for incidental, consequential, indirect, or special damages or liabilities, or for loss of revenue, loss of business, or other financial loss arising out of or in connection with the sale, lease, maintenance, use, performance, failure, or interruption of theses products.

The *Bluetooth*® word mark and logos are owned by the Bluetooth SIG, Inc. and any use of such marks by B.A.E. is under license.

Copyright and Trademark Notices

All trademarks and brand names are the property of their respective owners.

