SAMSUNG

Bluetooth

Stereo Bluetooth Headset

SBH100

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Thank you

Thank you for purchasing the Samsung Stereo Bluetooth Headset SBH100, we hope you will be delighted with its operation.
Please read the instruction manual to get started and to make best use of the headset's many features.

Drive safely

Using a mobile phone while driving creates a distraction to the driver which may increase the likelihood of an accident.

When using the phone while driving, keep conversations short and do not make notes or read documents. Before answering calls consider your circumstances. Pull off the road and park before making or answering calls when driving conditions require (e.g. bad weather, high traffic density, presence of children in the car, difficult junctions or manoeuvres.)

Remember, driving comes first, not the call!

Abide by local laws.

Check phone compatibility

The Samsung Stereo Bluetooth headset SBH100 is compatible with most **Bluetooth**[1] (see **Glossary**) phones that are compliant with Bluetooth version 1.1 or higher specification and support Advanced Audio Distribution profile, Audio Video Remote Control Profile **headset profile and hands-free profile**[2].
Ensure that your phone has Bluetooth capability by visiting your phone manufacturer's web site.

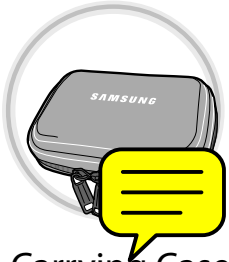
Getting Started

Explains what to remember for a proper use of your Bluetooth headset.

English

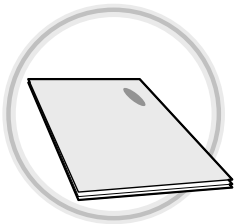
1 Unpacking

Stereo Headset



Carrying Case

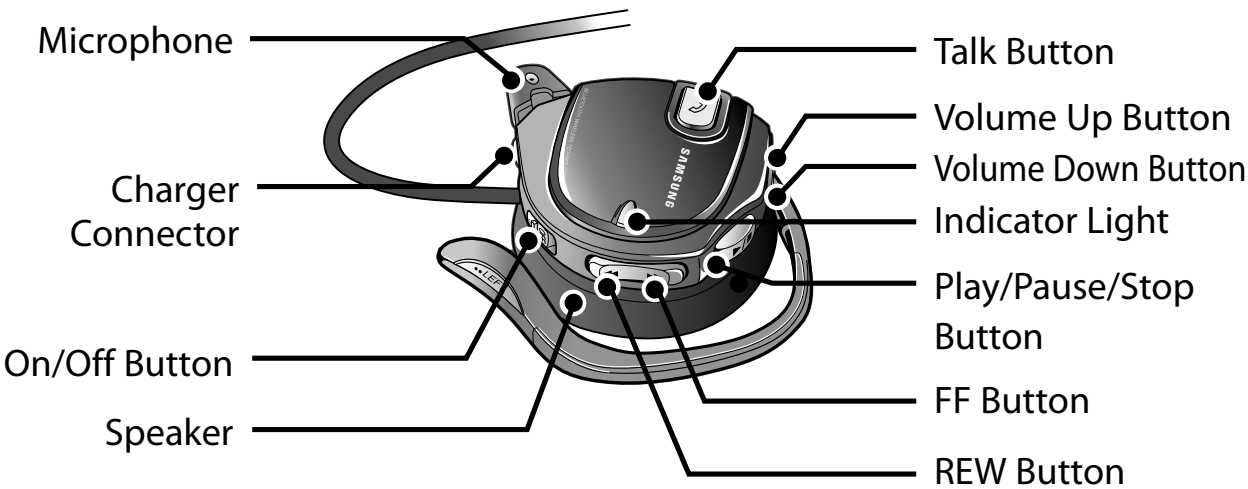
Charger



User Manual

2 Headset Overview

» Left



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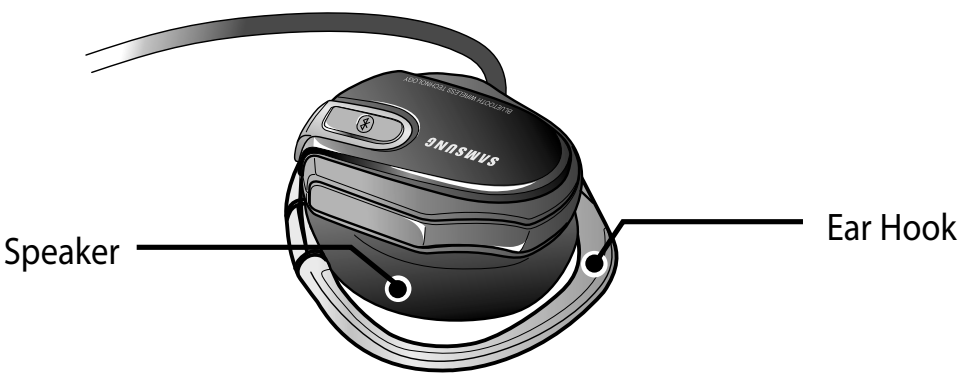


3 Button Functions

Talk Bu

Makes/Answers a call	Press the button to make or answer a call
Press and hold to reject an incoming call. - Available only when your headset and phone are connected using the Hands-free Bluetooth profile and your phone supports this function.	
Press and hold to activate voice dialing in standby mode. - Available only when your headset and phone are connected using the Hands-free Bluetooth profile and your phone supports this function.	
Press and hold to activate Call-Waiting during a call.	
Press once or twice to redial the last dialed number.	
Press once in connectable mode to connect the headset to the phone as Headset or Hands-free Bluetooth profile.	

Play/Pause/Stop Button

Press to start MP3 player in standby mode.
Press to pause track during playback, press again to resume playback.
Press and hold to stop playback, press again to resume playbac from the start of the track.
Press once in connectable mode to connect the headset as Headset or Hands- free Bluetooth profile, and Stereo headset(Advanced audio distribution profile, A/V Remote control profile) together.
Press and hold in connectable mode to connect the headset as Stereo headset((Advanced audio distribution profile, A/V Remote control profile).

Volume Up/Down Button

Press to adjust the speaker volume while the music is on.	
Press to adjust the speaker volume during a phone call.	
Switching an active call from the headset to the phone	Press and hold to switch call to the phone during a call. - Available only when your headset and the phone are connected as Hands-free Bluetooth profile.
Switching an active call from the phone to the headset	Press and hold to switch the call to the headset during a call. - Available only when your headset and the phone are connected as Hands-free Bluetooth profile.

REW/FF Button

Press to move to the start of the previous or next track.
Press and hold to rewind/fast forward.

If press these buttons together

Press several buttons together to activate these functions.

+ (Switch on)	Gets ready for pairing.
(While turned on) Press and hold (FF) + (Volume Down Button)	Red light is flashing to notify the remained battery amount. - Flashes once : Approx. 5~20% charged - Flashes twice : Approx. 20~50% charged - Flashes three times : Approx. 50~80% charged - Flashes four times : Approx. 80~100% charged

4 Charging the Battery

This device has an internal battery which is non-removable and rechargeable. Please make sure that you should charge the battery fully before using the headset for the first time.

Plug the charger into the headset's charger connector.

Plug the charger into the electrical outlet.

About the charging

> Battery charging and standard operation time

	charging time	Standard operation time		
Battery operation time	Approximately 3hr.	Talk time	Standby time	Play time
		Up to 8hr.	Up to 100hr.	Up to 7hr.

– Disconnect the charger from the power source [illegible]eadset after completing the charging.

- Use only Samsung-approved charger. Unauthorized charger may cause an explosion or damage on the headset.
- Always try to keep the battery at room temperature (0 ~ +40°C).
- The battery will gradually wear out if charging/discharging are repeated because it is a consumable part.
- [illegible]adset is not able to operate while charging.
- Try connecting again after charging is completed.

When the battery charge falls low

> Warning sound beeps and the red indicator light flashes every 10 seconds.

> If the warning sound beeps, switch the call from the headset to the phone.

> If the warning sound beeps, the headset will be automatically turned off.

To check the charging status

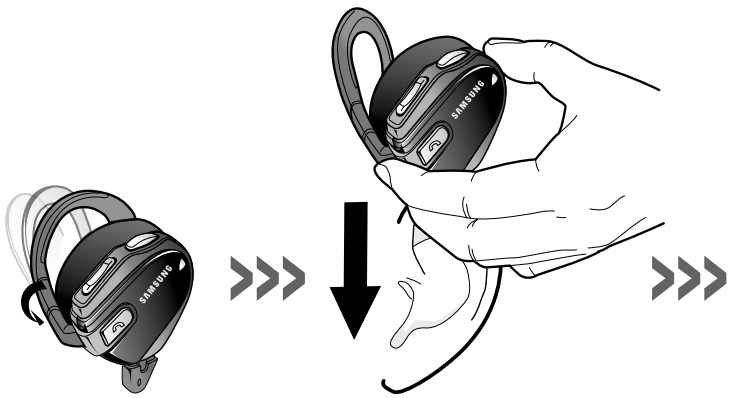
> Press (FF) Button and (Volume Down) Button at the same time.

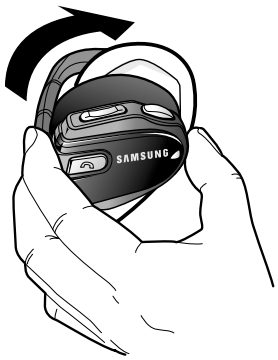
> The red indicator light flashes from 1 to 4 times according to the remaining battery amount.

> The more it flashes, the more the battery is remained.
(Refer to page 6. **If press these buttons together** section.)

5 Putting on the headset

Check the RIGHT/LEFT sign at the bottom of the ear-hook to put on the headset properly.





Slide the headset onto your ear while opening wide the ear-hook to be easy to wear on.

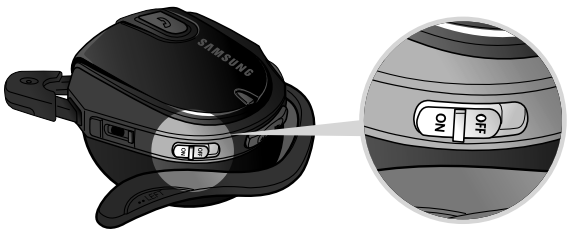
-Move the ear hook to place the headset to the most comfortable position.

Grip the headset body and jostle it to back of the ear for it to be fixed well.

Before using your headset

Explains the basic operation and set-ups of your Bluetooth headset.

6 Turning the headset On or Off



> Push the On/Off Button to turn the headset on.

> Push the On/Off Button to turn the headset off.

If the headset is ready to be paired, the blue indicator light flashes per second.

7 Pairing the headset with a compatible phone

> **Pairing**[3] will create a unique and encrypted wireless link between two Bluetooth enabled devices such as our Bluetooth phone and Bluetooth headset. To use the headset with other Bluetooth devices, both devices must be paired. When trying pairing, keep the headset and the phone close-by.

When being ready to be paired

There are 2 cases for being ready to be paired.

> When turning the headset on for the first time after purchasing.

>When turning the headset on by pressing .

1. Turn on the headset.
- The blue indicator light will flash per second if the headset is ready to be paired.

2. Prepare your phone according to the phone's user manual on Pairing.

3. Your phone will find "Samsung Stereo Headset" and ask if you want to pair with it. Confirm this by selecting "Yes" or "OK".

4. Enter **passkey or PIN**[4] = 0000(4zeros).

5. If the headset and the phone are connected successfully, the blue indicator light will flash per 6 seconds.

- If there is no Bluetooth device to be connected in 3 minutes, the blue indicator light will flash per 3 seconds. In that case, turn the headset off and on again to try pairing from the first step by following **Pairing the headset with a compatible phone** section.

8 Connecting the paired headset to the phone

If two Bluetooth Devices are disconnected by being turned off, you need to reconnect them. When you reconnect a paired headset, you are not asked for its passkey.

1. Turn on the headset.

- The blue indicator light will flash per second if the headset is ready to be paired.
- The headset can connect to your phone automatically if the pairing is completed depending on the types of the phone.

2. Choose the connection method you want.

To connect from the phone

> Follow your phone's user guide

To connect from the headset

To connect from the headset, your phone and the headset have had to be connected more than once.

> Press to connect to talk on the phone.

- Available only when your phone supports the Headset or Hands-free Bluetooth profile.

> Press and hold ▶/■ to connect to listen to music.

- Available only when your phone and the headset are connected as Stereo headset(Advanced audio distribution profile, A/V Remote control profile).

> Press ▶/■ to connect to talk and listen to music together

- Available only when your phone and the headset are connected as Headset or Hands-free Bluetooth profile, and Stereo headset (Advanced audio distribution profile, A/V Remote control profile) together.

3. If connected successfully, you can make or answer a call on the headset.

- The blue indicator light will not flash in active mode.
- If the connection fails, the blue indicator light will flash every 3 seconds. In that case, try connecting again from the beginning.

Indicator light status	
When ready for pairing	Flashes per second
When the pairing is completed	Flashes per 3 seconds
In **standby mode**[5]	Flashes per 6 seconds
In **active mode**[6]	Not flash

Using the headset

Explains how to use the various functions such as making/answering a call, menus that you can use while the call is in progress, and listening to music that SBH100 provides.

9 Making and answering a call

Making a call

> Make a call with your Bluetooth phone.

- Press an after dialing and sending a call.
- Depending on the types of the phone, it switches the call from the phone to the headset automatically.

Answering a call

> Press if the phone rings.
- Press once again to hang up the phone.

Redialing the last dialed number

> Press to check the latest call numbers list.

> Press once again to make a the last dialed number.

- The headset can make a call to the last dialed number by pressing once depending on the types of the phone.

Voice dialing

> Press and hold Button in standby mode.

> Say a name into the microphone.
- Available only when your phone supports the voice recognition function.

- Available only when your phone and the headset are connected as Hands-free Bluetooth profile.

10 Rejecting a call

> Press and hold if a call comes in.

- Available only when your headset and the phone are connected as Hands-free Bluetooth profile, and the phone supports the incoming call rejecting function.

11 Switching the call between phone and headset

> Press and hold or to switch the call to the phone while talking on the headset

> Press and hold or to switch the call to the headset while talking on the phone.

- Available only if your headset and the phone are connected as Hands-free Bluetooth profile.

12 Adjusting the speaker volume

> Press (+ −) to adjust the speaker volume while talking.

> Press (+ −) to adjust the speaker volume while listening to music.

13 Activating Call-Waiting function

Press and hold to activate Call-Waiting while talking on the headset.

- Call-Waiting is a feature that allows a user to be notified of another incoming call while a call is already in progress, and give the user the ability to answer the second call while the first call remains on hold.

14 Listening to music

Settings to play MP3 files may differ depending on your Bluetooth phone. So please make sure that you make proper setting for MP3 playback on your phone by following the phone's user guide.

Listening to music

> Press [►/■] while being connected to your Bluetooth phone.

> Press [►/■] while the music is stopped.

- Depending on the types of your Bluetooth phone, it may read MP3 files only. Make sure that you have the right file format (*.mp3) for your music files.

Stopping music

> Press and hold [►/■] while listening to music.

> Press [►/■] again to listen to the track from the very first part.

Pausing music

> Press ▶/■ while listening to music.

> Press ▶/■ again to listen to the track from the paused part.

Listening to the previous/next track

> Press ◀◀ ▶▶ while music is on.

Rewinding/Fast Forwarding

> Press and hold ◀◀ ▶▶ while music is on.

15 Answering a call while listening to music.

> Available only when your phone supports the Advanced Audio distribution profile, A/V Remote control profile, and Headset or Hands-free Bluetooth profile.

> Settings to play MP3 files may differ depending on your Bluetooth phone. So please make sure that you make proper setting for MP3 playback on your phone by following the phone's user guide.

Making a call while listening to music

> Press and hold ►/■ to stop the music.

> Press to check the latest call numbers list.

> Press once again to make a call to the last dialed number.

- The headset can make a call to the last dialed number without showing the latest call number list by pressing once depending on the types of the phone.

Answering a call while listening to music

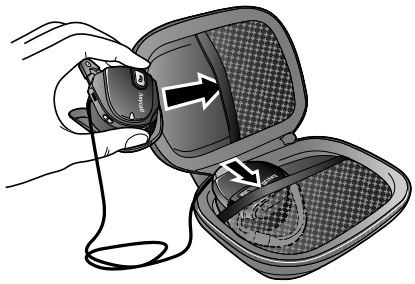
> Press .

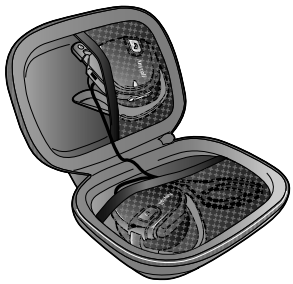
Ending a call

> Press .

Care and Maintenance

16 Storing the headset





Place the each side of the headset in the net tidily.

- Be careful for the headset not to be scratched nor cracked by applying excessive force or giving damage.
- Always store the Samsung SBH100 with power off and safely protected.
- Avoid storage at high temperatures (above 60°C / 134 °F)- such as in a hot vehicle or in direct sunlight. (Storage at high temperatures can degrade performance and reduce battery life).
- Do not expose the headset or any of its supplied parts to rain or other liquids.

17 Frequently asked questions

1. **How far away from my phone will my Samsung SBH100 work?**
   The operating range is typically up to 30 feet (10 metres).

2. **Will Samsung SBH100 work with my cordless phone at home?**
   Samsung SBH100 is not designed for use with cordless phones.

3. **Will Samsung SBH100 work with laptops, PCs, and PDAs?**
   Samsung SBH100 will work with devices that are compliant with Bluetooth version 1.2 and support Advanced Audio Distribution profile, A/V Remote Control profile, Headset profile and/or Hands-free profile(s).

4. **Will anything cause interference with my conversation when I'm using my Samsung SBH100?**
   Appliances such as cordless phones and wireless networking equipment may cause interference with your conversation, usually adding a crackling noise.
   To reduce any interference, keep the headset away from other devices that use or produce radio waves.

5. **Will my Samsung SBH100 interfere with my car's electronics, radio, or computer?**
   Samsung SBH100 produces significantly less power than a typical mobile phone. It also only emits signals that are in compliance with the international Bluetooth standard. Therefore, you should not expect any interference with standard consumer-grade electronics equipment.

6. **Can other Bluetooth phone users hear my conversation?**
   When you pair your headset to your Bluetooth phone, you are creating a private link between only these two Bluetooth devices. The wireless Bluetooth technology used in your headset is not easily monitored by third parties because Bluetooth wireless signals are significantly lower in radio frequency power than those produced by a typical mobile phone.

7. **Can I use the headset while charging?**
   The headset is not able to operate while [illegible].

8. **Making/receiving a call does not work well and the call ends often while talking.**
   The electric wave is in unsteady condition. Please move to the other area and try again.

9. **Battery operation time doesn't match the one stated in the user's manual.**
   • The battery will gradually wear out because it is a comsumable part.
   • If you place the battery in extreme heat or cold, the operation time is shortened.

10. **The sound is echoing while talking.**
    Adjust the speaker volume. Or move to the other area and try again.

11. **Music files are not activated!**
    According to the types of your phone, it may not read other file formats such as *.wav, * .wma and *.avi other than MP3 files. Make sure that you have the right file format (*.mp3) for your music files.

12. **How do I take care of Samsung SBH100?**
    To clean the headset, use a clean, soft cloth that is slightly damp.

Declaration of Conformity (R&TTE)

- ***For the following product :*** Samsung Bluetooth Headset SBH100
- ***Manufactured at :*** Youngbo Engineering Inc.
  Daeho B/D 7th 1462-7, Seocho3-Dong
  Seocho-Gu, Seoul
  South Korea

to which this declaration relates, is in conformity with the following standards and/or other normative documents.

- ***Radio :*** EN 300328 V1.4.1 (2003-04)
- ***EMC :*** EN 301 489-1 V1.4.1 (2002-08)/ EN 301 489-17 V1.2.1 (2002-08)
- ***Safety :*** EN 60950: 2000 (3rd Edition)
- ***SAR :*** EN 50371:2002

We hereby declare that [all essential radio test suites have been carried out and that] the above named product is in conformity to all the essential requirements of Directive 1999/5/EC.

Samsung Electronics Euro QA Lab.
Blackbushe Business Park,Saxony Way,
Yateley, Hampshire,GU46 6GG, UK
2005. 07. 18

Yong-Sang Park / S. Manager

FCC

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.

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

The device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter.

Users are not permitted to make changes or modify the device in any way. Changes or modifications not expressly approved by Samsung will void the user's authority to operate the equipment.

19 Warranty and parts replacement

Samsung warrants this product as free of defects in material, design and workmanship for the period of one year from the original date of purchase.

If during the period of warranty this product proves defective under normal use and service you should return the product to the retailer from whom it was originally purchased or qualified service center. The liability of Samsung and its appointed maintenance company is limited to the cost of repair and/or replacement of the unit under warranty.

- The warranty is limited to the original purchaser
- A copy of your receipt or other proof of purchase is required for a proper warranty service
- The warranty is void if the serial number, date code label or product label is removed, or if the product has been subject to physical abuse, improper installation, modification, or repair by unauthorised third parties
- The responsibility of Samsung products shall be limited to the repair or replacement of the product at its sole discretion
- Specifically exempt from any warranty are limited-life consumable components such as batteries and other accessories
- Samsung is not liable to for any incidental or consequential damages arising from the use or misuse of any Samsung product
- This warranty gives you specific rights and you may have other rights which vary from area to area

- Unless otherwise instructed in the User Guide, the user may not, under any circumstances, attempt to perform service, adjustments or repairs on the unit, whether in or out of warranty. It must be returned to the purchase point, factory or authorised service agency for all such work
- Samsung will not assume any responsibility for any loss or damage incurred in shipping. All repair work on Samsung products by unauthorised third parties voids any warranty

20 Correct Disposal of This Product

(Waste Electrical & Electronic Equipment)

This marking shown on the product or its literature, indicates that it should not be disposed with other household wastes at the end of its working life.

To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate this from other types of wastes and recycle it responsibly to promote the sustainable reuse of material resources.

Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take this item for environmentally safe recycling.

Business users should contact their supplier and check the terms and conditions of the purchase contract. This product should not be mixed with other commercial wastes for disposal.

21 Glossary

1 **Bluetooth** is a radio technology developed to connect devices, such as mobile phones and headsets, without wires or cords over a short distance of approximately 10 metres. More information is available at www.bluetooth.com

2 **Bluetooth profiles** are protocols through which Bluetooth devices communicate with other devices. Bluetooth phones support different sets of profiles – most support the headset profile but some support the hands-free profile and others support both profiles. In order to support a certain profile, a phone manufacturer has to implement certain mandatory features within the phone's software.

3 **Pairing** creates a unique and encrypted communication link between two Bluetooth-enabled devices and allows them to communicate with each other. Bluetooth devices will not work if the devices have not been paired with each other.

4 **Passkey or PIN** is a secret code that needs to be entered on the phone in order to pair the mobile phone with headset. When you have already paired your mobile phone with headset, the phone and headset will recognize each other and the phone will bypass the discovery and authentication process and automatically accept the transmission.

5 **Standby mode** is when the headset is passively waiting for a call. When you "end" the call on your mobile phone, headset will go into standby mode.

6 **Active mode** is when the headset has an active call in progress. Headset will go from standby mode into active mode when you receive a call or when you make a call.

22 Specification

Bluetooth version	Version 1.2
Bluetooth profile support	Advanced audio distribution profile, A/V Remote control profile, Headset profile, Hands-free profile.
Frequency Range	2.402 ~2.480 GHz
Power consumption for transmission	0.25~2.5 mW
Bluetooth-available distance	10 m
Dimensions	49mm(W)*24mm(H)*64mm(D)
Weight	58g
Operating Temperature Range	0~40°C
Typical Standby Time	Up to 100hr.
Typical Talk Time	Up to 8hr.
Typical Play Time	Up to 7hr.
Battery charging time	Approximately 3hr.
Adapter Input	AC 100~240V, 50/60Hz
Adapter Output	DC 5V. 700mA

The battery's operation time may shorten, depending on your phone's usage and charging status.