SAMSUNG

Bluetooth

Bluetooth Stereo Headset

SBH100

SAMSUNG DIGITall
everyone's invited™

Original Accessory by SAMSUNG.

Contents

» *Getting started*

1. Unpacking 2
2. Headset Overview 3
3. Button Functions 4
4. Charging the Battery 6
5. Putting on the headset 7

» *Before using your headset*

6. Turning the Phone On or Off. 8
7. Pairing the headset with a compatible phone 9
8. Deleting the previous pairing information from the headset. 11
9. Connecting the paired headset to the phone 11

» *Using the headset*

10. Making and answering a call 13
11. Rejecting a call 14
12. Switching the call between phone and headset. 14
13. Adjusting the speaker volume 14
14. Muting an ongoing call 15
15. Listening to music 15
16. Answering a call while listening to music 16

» *Care and Maintenance*

17. Storing the headset 17
18. Frequently asked questions 18
19. Certification and safety approvals 19
20. Warranty and parts replacement 21
21. Glossary 22
22. Specification 23

Getting Started

Explains what to remember for a proper use of your **Bluetooth**[1] headset.

! 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.

1 Unpacking

Stereo Headset

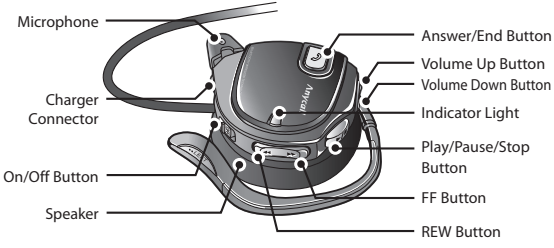
Carrying Case

Charger

User's Manual

2 Headset Overview

» Left



» Right

3 Button Functions

Answer/End Button

Answers / ends a call	Returns to MP3 mode after ending a call.
Switching an active call from the headset to the phone	While the call is in progress, press and hold the button to switch the call to the phone. - Available only when your headset and the phone are connected as Hands-free **Bluetooth profile**[2]**.**
Switching an active call from the phone to the headset	While the call is in progress, press and hold the button to switch the call to the headset.
Redialling if pressed briefly while being connected with the phone.	
Connecting the paired headset to the phone if pressed briefly.	

– **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 meters. More information is available at www.bluetooth.com.

- **Headset/Hands-free profiles** are protocols through which Bluetooth devices communicate with other devices.
- Paired headset needs to go through the process of connection. If the paired headset is ready to be connected, the blue indicator light flickers every 3 seconds.

Volume Up/Down Button

Adjusts the speaker volume while the music is on.
Adjusts the speaker volume while the call is in progress.
Beeps per 3 seconds and mutes the ongoing call if pressed and held while the call is in progress. Unmutes the ongoing call if pressed briefly.
Rejects a call when pressed and held when 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.
Voice dials when pressed and held while connected to the phone. - Available only when your headset and the phone are connected as Hands-free Bluetooth profile, and the phone supports the voice dialing function.

Play/Pause/Stop Button

Connects to a Bluetooth phone as an Audio transmission profile if pressed and held after completing the **pairing**[3].
Pauses if pressed while the music is on, starts the song from the paused part if pressed once again.
Stops the music if pressed and held while the music is on, starts the song from the very first part if pressed once again.

Audio transmission profile is a kind of protocol that should be supported through which Bluetooth devices communicate with other devices to listen to music.

REW/FF Button

Starts the previous/next song from the very first part if pressed while the music is on.
Rewind/Fast Forward functions if pressed and held.

Complex Button

Press several buttons together to activate these functions.

+ (Switch on)	Ready for the connection after completing the **pairing**[3].
+ + (Switch on)	Deletes the information of previously paired Bluetooth devices.
(While turned on) (FF) + (Volume Down Button)	Red light is flickering to notify the remained battery amount. - Flickers once : 5~20% charged - Flickers twice : 20~50% charged - Flickers three times : 50~80% charged - Flickers four times : 80~100% charge

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.
The blue indicator light flashes per 1 seconds if the pairing is completed and ready to be connected.

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.	Continuous calling time	Continuous Standby time	Continuous MP3 playback time
		More than 8hr.	Maximum of 200hr.	More than 7hr.

– Disconnect the charger from the power source or the headset 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℃).
- The battery will gradually wear out if charging/discharging are repeated because it is a consumable part.

When the battery charge falls low

> Warning sound beeps by 10 seconds and the red indicator light flickers 3 times.

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

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

To check the charging status

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

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

> The more it flickers, the more the battery is remained.

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.

Before using your headset

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

6 Turning the Phone On or Off

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

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

When turning the phone on, if the headset is ready to be Paired, Do-Re-Mi sound rings and the blue indicator light flickers per second. If ready to be Connected after completing the Pairing, it flickers every 3 seconds.

7 Pairing the headset with a compatible phone

> For the use of the headset connected with other Bluetooth devices, Pairing between them is a necessity.

> Pairing means setting wireless link between two Bluetooth enabled devices. You do not need to try pairing again if the two devices have already been paired.

– When trying pairing, please make sure to keep 1-meter distance between two devices.

When being ready to be paired

There are 3 cases for being ready to be paired.

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

> After deleting all the information of previously paired Bluetooth devices.

> When pressing and On/Off Button at the same time.

1. Set the headset to be ready to be paired.
- The blue light indicator flickers per second if the headset is ready to be paired.

2. Set your Bluetooth phone to find the headset by following your phone's instruction guide.

3. Your phone will find the "Samsung Stereo Headset" and ask if you want to pair with it. Confirm this by pressing "Yes" or "OK".
- You can see the Bd Address of the product at bottom of the LCD screen. If there are many headsets connected with your phone, choose the Bd Address of the right one.

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

5. If pairing is successful, the blue indicator light will flash every 3 seconds and be ready for the connection.

- You can see the Bd Address marked on the label if you take off the speaker cover on the left side.
- **Passkey or PIN** is a secret code that needs to be entered on the phone in order to pair the mobile phone with headset.
- The headset can connect to your phone automatically depending on the types of the phone. In this case, the blue indicator light flickers every 6 seconds.
- If there is no Bluetooth device to be connected in 3 minutes after being ready to be connected, the blue indicator light flickers every 3 seconds. In that case, turn the headset off and on again to try connecting from the first step by following **Pairing the headset with a compatible phone** section.

8 Deleting the previous pairing information from the headset

1. Turn the headset on pressing and at the same time to delete the information of the previously paired Bluetooth devices.

2. It comes to the standby mode for pairing for 3 minutes after deleting.

9 Connecting the paired headset to the phone

Pairing precendes connecting. Please make sure that your phone and the headset completed pairing before trying connecting. If not, try pairing by **following Pairing the headset with a compatible phone** section.

1. Turn on the headset and get ready to be connected.
- The blue indicator light flickers every 3 seconds in standby mode for connection.
- 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 on the list and press 'Yes' or 'OK'

To connect from the phone

> Follow your phone's instruction guide.

To connect from the headset

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

> To listen to the music, press and hold ▶/■ .
– Available only when your Bluetooth phone supports the Audio transmission profile.

> To answer a call, press ☎ .
– Available only when your Bluetooth phone supports the headset and Hands-free Bluetooth profile.

3. If connected successfully, you can listen to the music or answering a call.
- If the MP3 mode or the talking is over, the blue indicator light flickers every 6 seconds.
- If the connection fails, the blue indicator light flickers every 3 seconds. In that case, try connecting again from the beginning.

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.

10 Making and answering a call

Redialing the last dialed number

> Press ☎ briefly 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 automatically depending to the types of the phone.

Voice dialing

> Press and hold the (+ –) Button.

> 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.

Making a call

> Make a call with your Bluetooth phone.
- Press and hold ☎ if the phone rings.
- Depending on the types of the phone, it switches the call from the phone to the headset automatically.

Answering a call

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

11 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.

12 Switching the call between phone and headset

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

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

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

13 Adjusting the speaker volume

> Press to adjust the speaker volume while talking.

> Press to adjust the speaker volume while listening to music.

14 Muting an ongoing call

> Press and hold for a caller not to hear your voice while talking.

> Press briefly to cancel the Muting mode.

15 Listening to music

Listening to music

> Press while being connected to your Bluetooth phone.

> Press while the music is stopped.

> The music automatically comes back after you ended a call if you answered a call while listening to music.

- 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 song from the very first part.

Pausing music

> Press briefly while listening to music.

> Press again to listen to the song from the paused part.

Listening to the previous/next song

> Press ⏮ ⏭ while music is on.

Rewinding/Fast Forwarding

> Press and hold ⏮ ⏭ while music is on.

16 Answering a call while listening to music

> Available only when your phone supports the Audio transmission profile, headset profile, and hands-free profile.

Making a call while listening to music

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

> Press ☎ briefly 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 automatically without showing the latest call number list depending on the types of the phone.

Answering a call while listening to music

> Press ☎ briefly.

Ending a call

> Press ☎ briefly.

- The music automatically comes back if you ended a call.

Switching the call between the phone and headset

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

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

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

Care and Maintenance

17 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.

18 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 1.1 or higher specifications and support the headset 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. **How do I take care of Samsung SBH100 ?**
   To clean the headset, use a clean, soft cloth that is slightly damp.

19 Certification and safety approvals

EU This product is CE marked according to the provisions of the R & TTE Directive (99/5/EC).

Hereby, Samsung, declares that this product is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

For further information please consult http://www.samsung.com

! Please note that this product uses radio frequency bands not harmonised within EU. Within the EU this product is intended to be used in Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Hungary, Finland, France, Germany, Greece, Ireland, Italy, Latvia, Lithuania, Luxembourg, The Netherlands, Malta, Poland, Portugal, Slovakia, Slovenia, 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 Samsung will void the user's authority to operate the equipment.

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.

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.

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 user must place the base 8" (20cm) or more from any personnel in order to comply with FCC RF exposure requirements.

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

Industry Canada

Operation is subject to the following two conditions: (1) This device may not cause interference and (2) This device must accept any interference, including interference that may cause undesired operation of the device.

The term "IC:" before the certification/registration number only signifies that registration was performed based on a Declaration of Conformity indicating that Industry Canada technical specifications were met. It does not imply that Industry Canada approved the equipment.

Bluetooth

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20 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

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.

22 Specification

Bluetooth version	Version 1.2
Bluetooth profile support	Audio transmission profile, headset profile, hands-free profile, Audio remote control 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
Continuous calling time	Maximum of 200hr
Continuous standby time	More than 8hr
Continuous MP3 playing time	More than 7hr
Battery charging time	Approximately 3hr
Adapter Input	AC 100~240V, 50/60Hz
Adapter Output	DC 5V. 350mA

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

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ELECTRONICS

World Wide Web
http://www.samsungmobile.com

Printed in Korea
Code No.:0000-00000
05/2005. Rev 1.2