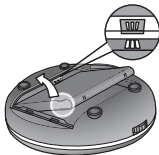
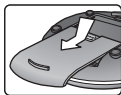


5 Replacing the Battery



To remove the battery

1. Push down  at the bottom of the speaker briefly, then push the cover toward as shown in the picture.
 - Make sure to turn off the power before removing the battery from the speaker.
2. Push up the catch at the left end of the inserted battery with your finger nail, and lift the battery away.

To insert the battery

1. Insert the new battery in the reverse order of removal.
 - Make sure that the metallic pins of the battery and speaker meet before inserting.
 - Push the battery down to be inserted in tight and put the cover on again.



- The battery will gradually wear out if charging/discharging are repeated because it is a consumable part.
- Pairing information is not deleted even if the battery is removed from the speaker.
- Refer to **9. Connecting the paired speaker to the phone** section for further details about how to connect after replacing the battery.

6 Indicator light status

Refer to the table below to understand the present status and use the best of the product.

Speaker Status	Indicator Light Status	Audio Signal
Power on	Blue ► Red ► Purple light is on in order twice.	
Power off	All LED lights are turned off Charging indicator light is on if the charger is connected.	
Pairing Mode	BLUE Light is on (Stand-by mode for pairing) Charging indicator light and Touch key back light LED (BLUE Light) are on if the charger is connected.	
Idle Mode	BLUE light flashes every 3 second (Disconnect Idle mode) BLUE light flashes twice every 3 second (2 min.after Pairing Mode)	
Stand-by Mode	BLUE light flashes every 6 second	
Active Mode ⁶	BLUE light flashes twice every 6 second	
Low Battery Warning	RED light flashes 3 times per 10 seconds	
Charging	Solid RED light is on	
Charging is completed	GREEN light is on	
Charging is not available	ORANGE light flashes (To inspect the battery is necessary)	
Charging is prohibited	Solid ORANGE light is on (Temperature limitation is exceeded)	

Before using the product

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

7 Turning the speaker On or Off



- > Press and hold  for 3 seconds to turn the speaker on.
 - The melody informing power-on rings and the indicator light changes to Blue-Red-Purple.
- > Press and hold  for 3 seconds in idle mode to turn off the speaker.
 - The melody informing power-off rings and the indicator light gets off.



- If the speaker is turned on for the first time, the indicator light changes to BLUE-RED-PURPLE twice, then Solid BLUE light is on. Pair the speaker and phone while this status is continued for 2 minutes.

8 Pairing the speaker with a compatible phone

- > **Pairing³** will create a unique and encrypted wireless link between two Bluetooth enabled devices. To use the speaker with other Bluetooth devices, both devices must be paired. When trying pairing, keep the product and the phone close-by.

When being ready to be paired

- > When turning the speaker on for the first time after purchasing.
- > When pressing and holding  for 3 seconds in idle mode.
- 1. Solid BLUE light is on for 2 minutes if the speaker is ready to be paired.
- 2. Prepare your phone according to the phone's user manual on Pairing.
- 3. Your phone will find " Samsung ADSP100BBE" and ask if you want to pair with it.
- 4. Enter **passkey or PIN**⁴= 0000 (4zeros).
- 5. Your phone and the product will be automatically connected if the pairing is completed. BLUE light flashes every 6 second if they are correctly connected (Stand-by mode).
 - Depending on the phone type, the phone and the product may not be connected automatically after the pairing is completed. In this case, refer to the phone's user guide to try connecting.



- Passkey or PIN is a secret code that needs to be entered on the phone in order to pair the mobile phone with Bluetooth speaker.
- If there is no Bluetooth device to be connected in 2 minutes, the BLUE indicator light flashes 2 times per 3 seconds (Idle Mode). In that case, press  for 3 seconds to return to Pairing Mode.
- Check the back of the product by removing the battery or the connected Bluetooth device information on the phone to find the B/D address of the product.
(Refer to your phone's user manual for further details.)

9 Connecting the paired speaker to the phone

To use the speaker with Bluetooth phone, pairing is necessary. Please make sure that two devices are paired before trying connecting, and if not, refer to **8. Pairing the speaker with a compatible phone** section for pairing.

To connect while the phone is turned on

1. Turn on the speaker by pressing  for 3 seconds.
 - The speaker tries connecting automatically.
 - The BLUE indicator light flashes every 6 second if the connecting succeeds, and flashes every 3 second if fails.
 - Depending on the phone type, the phone and speaker may be not connected automatically after the pairing is completed.
In this case, try connecting by pressing  for 2 seconds.

To connect from the phone

> Follow your phone's user guide.

To connect from the speaker



- If disconnected due to the distance limit between the phone and the product
- If you exchange or restart the phone battery

1. Press  for 2 seconds.
 - If connected successfully, you can make or answer on the speaker.
 - The BLUE light will flash every 6 second if connected successfully.
 - If the connection fails, the BLUE indicator light will flash every 3 second, and the pop-up message which informs that the connection is failed displays on the phone. In this case, try connecting again from the beginning.



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

Using the product

Explains how to use the various functions that the Bluetooth Speaker provides.

10 Making and answering a call

Redialing the last dialed number

> Press .

- The speaker makes a call to the last dialed number.



- Depending on the phone type, the phone displays the latest calling list first, then makes a call to the last dialed number by pressing  once again.

Making a call

> Make a call with your Bluetooth phone, then press and hold  for 3 seconds if you hear dial tone on the phone.



- If your phone supports Auto Transfer Audio function, it switches the call from the phone to the product automatically.

Answering a call

> Press and hold  if the phone rings.

- Press and hold  for 2 seconds to hang up the phone.

11 Rejecting a call

- > Press and hold  for 2 seconds if the phone rings.



- Available only when your phone supports incoming call rejecting function.

12 Switching the call between phone and speaker

- > Press and hold  for 3 seconds to switch the call to the phone while on call.
- > Press and hold  for 3 seconds to switch the call to the speaker while on call.

13 Activating Call-Waiting function

- > Press and hold  for 2 seconds to activate Call-Waiting while on call.
- Answers the second call while the current call remains on hold.
- > To deactivate Call-Waiting, press and hold  for 2 seconds again.



- Available only when your phone supports Call-Waiting function.

14 Activating 3-way Call function

3-way Call allows you to speak with 3 people in different places simultaneously.

1. Press and hold  for 2 seconds to activate Call-Waiting while on call.
- Answers the second call while the current call remains on hold.
2. To invite the call on hold to 3-way Call, press and hold  for 2 seconds.



- Available only when your phone supports 3-way Call function.

15 Adjusting the speaker volume

- > Move left or right  to adjust the speaker volume while using the speaker.



- The volume has 8 steps in total, and the default setting is set to step 4.
- Current volume setting is saved only when the speaker is turned off normally. If the power is unexpectedly turned off, the volume will go back to the default setting.

16 Muting an ongoing call

- > Press and hold  for 2 seconds to mute the microphone while on call.
- > Press  or move  left or right to unmute.

Care and Maintenance

Explains where and how to store the speaker.

17 Storing the speaker

- > Make sure to keep the speaker in a safe place so that it is not to be scratched nor cracked.



- Make sure to store the product in safe place with power off.
- Avoid storage at high temperatures (above 60°C / 134°F) such as in a hot vehicle or in direct sunlight. The internal Li-ion battery may explode.
- Do not expose the speaker or any of its supplied parts to rain or other liquids.

18 Precautions when using batteries

- > **Do not give excessive force on the product.**
It may malfunction, get excessive heat or explode.
- > **Do not leave the battery in extremely hot places such as in a microwave oven or on heating devices.**
It may explode when overheated.
- > **Use only Samsung-approved batteries and chargers.**
It may malfunction, get overheated or explode.
- > **Do not short-circuit the battery by connecting a metallic object such as coin, clip or key.**
It may cause an explosion or fire.
- > **Keep the battery in the place free from direct sunlight or humidity, at room temperature (0°C ~+40°C)**
The product may be deformed or explode.

- > **Keep the battery out of the reach of children or pets.**
It may cause an electric shock or damage to the body. If the liquid inside the phone touched the skin, wash it for 1~2 minutes with clean water.
- > **Do not disassemble nor poke with sharp objects such as a pin.**
It may cause an explosion or fire.
- > **Use the battery only for its intended purpose.**
It may malfunction or unexpected accidents may occur.

19 Frequently asked questions

1. **How far away from my phone will my Samsung ADSP100BBE work?**
The operating range is typically up to 30 feet (10 metres).
2. **Will Samsung ADSP100BBE work with my cordless phone at home?**
Samsung ADSP100BBE is not designed for use with cordless phones.
3. **Will Samsung ADSP100BBE work with laptops, PCs, and PDAs?**
Samsung ADSP100BBE 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 ADSP100BBE?**
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 speaker away from other devices that use or produce radio waves.
5. **Will my Samsung ADSP100BBE interfere with my car's electronics, radio, or computer?**
Samsung ADSP100BBE 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 speaker to your Bluetooth phone, you are creating a private link between only these two Bluetooth devices. The wireless Bluetooth technology used in your speaker 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 speaker while charging?

The speaker is not able to operate while charging.

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 consumable 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.

Declaration of Conformity (R&TTE)

- **For the following product** : Samsung Bluetooth Speaker ADSP100BBE
- **Manufactured at** : Youngbo Engineering Inc.
San 20-2, Sinhang-ri, Dunpo-myeon,
Asan-si, Chungnam,
South Korea

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

- **Radio** : EN 300 328 V1.6.1 (2004-11)
- **EMC** : EN 301 489-1 V1.4.1 (2002-08) / EN 301 489-17 V1.2.1 (2002-08)
- **Safety** : EN 60950-1: 2002
- **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.

21 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

22 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.

23 Glossary

- ¹ **Bluetooth** is a radio technology developed to connect devices, such as mobile phones and speaker, 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 speaker. When you have already paired your mobile phone with speaker, the phone and speaker 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 speaker is passively waiting for a call. When you "end" the call on your mobile phone, speaker will go into standby mode.
- ⁶ **Active mode** is when the speaker has an active call in progress. Speaker will go from standby mode into active mode when you receive a call or when you make a call.

24 Specifications

Bluetooth version	Version 1.2
Bluetooth profile support	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	74mm(W)*26mm(H)
Weight	80.8g
Charging/Operating Temperature Range	0°C~+40°C
Typical Standby Time	Up to 80hr.
Typical Talk Time	Up to 10hr.
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 the usage and charging status.