Before using the product

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

6 Turning On or Off

> Connect the product to the power source then press and hold the for 3 seconds.
- The melody informing power-on rings.

> Press and hold the for 3 seconds in idle mode to turn off.
- The melody informing power-off rings.

- If the product is turned on for the first time, the indicator light changes to BLUE-RED-PURPLE twice, then Solid BLUE light is on. Pair the product and phone while this status is continued for 2 minutes.
- If the product is not connected to the phone or the GPS, it will be turned off automatically within 30 minutes.

7 Pairing the product with a compatible phone

> **Pairing**[3] 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 ACSP100BBE" 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 a Bluetooth device.
- 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 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.)

8 Connecting after completing the pairing

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 **7. Pairing the product with compatible phone** section for pairing.

To connect while the phone is turned on

1. Turn on the product by pressing for 3 seconds in Power OFF mode.

- The product 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 the product may not be 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 GPS Speaker provides.

9 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 2 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 if the phone rings.

- Press for 2 seconds to hang up the phone.

10 Rejecting a call

> Press for 2 seconds if the phone rings.

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

11 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.

12 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.

13 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.

14 Adjusting the volume

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

- 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.
- The volume will not be adjusted automatically even if you move while pressing and holding if the GPS function is activated.

15 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.

16 Using GPS Speaker function

1. Download Mobile Navigator program and install it on the phone.

- Mobile Navigator program is not supplied with the phone. This product only receives GPS signals from the connected GPS antenna, then transmits the data to the phone by Bluetooth communication technology. Please make sure to purchase Mobile Navigator program and GPS antenna to use GPS function.

2. Connect a GPS receiver to the product.

- Refer to GPS receiver's user manual for further details.
- If GPS receiver is not connected, this product works only as a hands-free kit.
- Make sure to remove the cover of GPS receiver connector before connecting.

3. Pair the GPS and the phone to the product.

- Make sure to pair the GPS first, then the phone.
- To use GPS function, select SAMSUNG ACSP100BBE→DevB in the list of connected Bluetooth devices on your phone.
- If you pair the GPS when the phone has been already paired, turn off the product and on again. It is connected automatically so that the GPS function to be available.

4. Activate the Mobile Navigator program by referring to the phone's or the program's user guide.

- If connected successfully, PURPLE indicator light is on, and the product sounds (" Start Mobile Navigator").

5. End Mobile Navigator program to deactivate GPS function by referring to the phone's user guide.

- The product sounds (" End Mobile Navigator") if GPS function is deactivated.

- Please download the updated Mobile Navigator program from the service provider's homepage.
- Please make sure to purchase Mobile Navigator program and GPS receiver to use GPS function.

Care and Maintenance

Explains where and how to store the Bluetooth GPS Speaker.

17 Storing the speaker

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

- Do not expose the product or any of its supplied parts to rain or other liquids.

18 Frequently asked questions

1. **How far away from my phone will the Bluetooth GPS Speaker work?**
   The operating range is typically up to 30 feet (10 metres).
2. **Will the Bluetooth GPS Speaker work with my cordless phone at home?**
   The Bluetooth GPS Speaker is not designed for use with cordless phones.
3. **Will the Bluetooth GPS Speaker work with laptops, PCs, and PDAs?**
   The Bluetooth GPS Speaker 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 Bluetooth GPS Speaker?**
   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 product away from other devices that use or produce radio waves.
5. **Will my Bluetooth GPS Speaker interfere with my car's electronics, radio, or computer?**
   The Bluetooth GPS Speaker 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 the product to your Bluetooth phone, you are creating a private link between only these two Bluetooth devices. The wireless Bluetooth technology used in the product 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. **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.
8. **The sound is echoing while talking.**
   Adjust the volume. Or move to the other area and try again.

19 Certification and safety approvals

Declaration of Conformity (R&TTE)

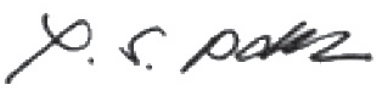
- ***For the following product*** *:* Samsung Bluetooth GPS Speaker ACSP100BBE
- ***Manufactured at*** *:* Youngbo Engineering Inc.
  San 20-2, Sinhang-ri, Dunpo-myeon,
  Asan-si, Chungnam,
  South Korea

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.

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 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.

22 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.

23 Specifications

Bluetooth version	Version 1.2
Bluetooth profile support	Headset profile, Hands-free profile, Serial Port 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)*25mm(H)
Weight	55.2g
Operating Temperature Range	0~40°C
Adapter Input	DC 11~30V
Adapter Output	DC 5V. 900mA