

SAMSUNG

SAMSUNG DIGITAL
WIRELESS • INTERNET • Original Accessory by SAMSUNG.

Bluetooth Speaker

Speaker

User manual

YA-SBR510



Safety Information

This manual describes how to properly use your speaker. So read it carefully to prevent a risk of damage to the product.



Means that death or serious personal injury is a risk.



Do not use the product during a thunderstorm, as it may cause malfunction or a risk of electric shock.



When you feel unusual smell or noise or find foreign substances in the product, unplug the power cord immediately and contact a Samsung Customer Service Center.

► Keep using the product in this condition will cause fire or physical damage.



Do not connect multiple power cords to one wall outlet using a multi-tap.

► This will cause abnormal heat or fire.



Use only accessories provided by or approved by Samsung.



Means that there is a potential risk for personal injury or material damage.



Do not get the product wet or drop it in water.

► If the product gets wet, do not switch it on because you could get an electric shock. Instead, contact a Samsung Customer Service Center.



Do not place the product in damp, dusty or sooty areas.

► Otherwise, these environments could lead to fire or electric shock.



Do not expose the product to the direct sunlight or heating sources.

► This may cause fire.



Keep the product away from areas of high temperature difference or moisture.

► Otherwise, this will cause damage to the product or electric shock.



Prevent any foreign particles or dust from entering into the product.



Do not spray water on the product. Never clean the product with chemical substances such as benzene or thinner, as it may cause fire, electric shock or deteriorate the surface.



Means that there is a potential risk for personal injury or material damage.



Keep the product away from the microwave oven or wireless LAN device.

► Otherwise, this will cause malfunction or noise as these devices use the same frequency band as the product.



Do not cause excessive impact on the player by dropping it.

Do not place heavy objects on top of the product.



Keep the product and accessories out of the reach of children.



Do not disassemble, repair or modify this product on your own.



Do not hold on the power cord to pull it out.

► Damaged cord may cause fire or electric shock.



Do not plug or unplug the power cord with wet hands.

► This may cause fire.

Contents

ENG

Preparation	■ Safety Information	02
	■ Contents	03
	■ Important Safety Instructions	04
	■ Features of your Speaker	05
	■ What's Included	05
	■ Your Speaker	06
	Front	06
	Rear	06
	Remote Control	07
	Inserting the lithium Battery	07
Product Use	■ Connecting to the power source	08
	■ Turning the Speaker on/off	08
	■ Using Bluetooth	08
	Pairing the speaker	09
	Listening to music	10
	Button Operation	10
	Motion Detection Sensor	10
	■ To set the alpha wave mode	11
	■ To set the sound mode	11
	■ Using the speaker with an external device	11
	Using the Line-in cable	11
	Using the Optical cable (not supplied)	12
	Using the USB cable	12
Appendix	■ Troubleshooting	13
	■ Wireless Communications Specification	14
	■ Product Specifications	14



Important Safety Instructions

This manual describes how to properly use your speaker. So read it carefully to prevent a risk of damage to the product.

	CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN	
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.		



This symbol indicates that dangerous voltage consisting a risk of electric shock is present within this unit.



This symbol indicates that there are important operating and maintenance instructions in the literature accompanying this unit.

Warning

To Reduce The Risk Of Fire Or Electric Shock, Do Not Expose This Apparatus To Rain Or Moisture."

Caution

Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus. To disconnect the apparatus from the mains, the plug must be pulled out from the mains socket, therefore the mains plug shall be readily operable.

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachment/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.



04 Preparation



Features of your Speaker

Hyper 3-channel Surround Speaker

Your Bluetooth speaker adopts the Hyper-Directional 3 Channel Surround Imaging technology of Euphony to provide rich and vivid sound effect that is optimized to music and movie.

Auto Seamless Playback with Bluetooth

The Speaker automatically turns on when the motion detection sensor detects you holding an already paired Bluetooth device(MP3 Player, Mobile phone). And you can listen to music without missing a beat.

Alpha (α) wave light

Blue LED light moves to the sound rhythm in various speeds and the dynamic LED radiates alpha waves like as candlelight to make feel comfortable and at ease psychologically.

Slim and Stylish Look

Your speaker feels soft and elegant in a slim shape.

What's Included

Your new speaker comes with these accessories. If you're missing any of these items, contact Samsung Customer Service.

ENG

	
Speaker ()	Remote Control / Lithium battery (CR2032) ()

	
AC Power Adaptor ()	AC Cord ()
	
USB Cable ()	Line-in Cable ()

- ▶ The accessories in your box may look slightly different than these.
- ▶ The optical cable is unbundled.

Preparation _05





Your Speaker

Front

These buttons are 'Touch Sensitive' buttons.

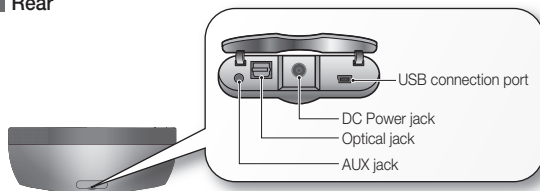


※ Using the Touch Button

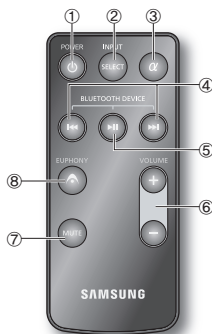
Tap on the touch button with your fingertip.

- Do not use force when touching the touch button, as it may cause damage to the button.
- To avoid damage to the touch button, do not use any object other than your fingers to operate it.
- Do not tap on the touch button if your fingers are not clean.
- Do not tap on the touch button with gloves on.
- The touch button may not function if you use a fingernail or other instruments such as a ballpoint pen.

Rear



Remote Control

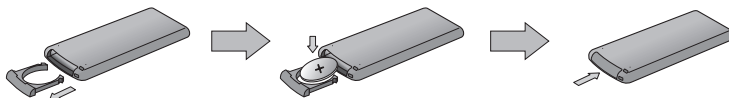


①		Power button	Press to turn on or off the speaker
②		Select button	Changes the external device connection mode to AUX, OPTICAL, USB and Bluetooth in sequence.
③		Alpha wave button	Turn on or off the alpha wave light.
④		Previous/Next button (in Bluetooth mode)	▶ Press to move to the previous track.
			▶ Press and hold quickly scan tracks.
			▶ Press to move to the next track.
			▶ Press and hold quickly scan tracks.
⑤		Play / Pause button	Press to play or pause music
⑥		Volume Control button	Press to adjust the volume
⑦		Mute button	Press to mute the sound
⑧		Sound Mode Selection button	Press to select a 3 channel sound mode

Notes

- ◆ The [/] button works only in Bluetooth mode.
- ◆ Some models do not support the quick scan function of the [/] button.

Inserting the lithium Battery



1. Take the hole of the battery holder and pull out in the arrow direction.

2. Insert the lithium battery.
▶ Make sure that the plus (+) polarity of the battery faces up.

3. Close the battery holder.
▶ Insert the battery to the end until you hear a click.



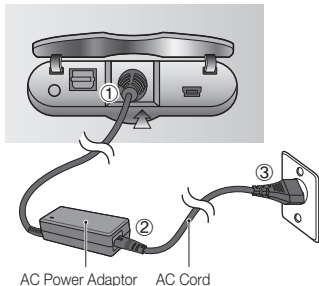
Keep the lithium battery out of the reach of children or discard it.

Notes

- ◆ Remove the lithium battery when you do not use the remote control for an extended time.



Connecting to the power source



- ① Connect the AC Power adaptor to the DC Power jack on the rear of the speaker.
- ② Connect the AC cord into the hole of the AC Power adaptor until it fits in.
- ③ Connect the AC cord to the wall socket.



Use only the provided AC Power adaptor. Use of uncertified adaptors may cause malfunction or damage to the product.

Turning the Speaker on/off

▶ If you want to turn on the speaker, press the **[P]** button on the speaker or the remote control.

- The power LED turns blue.
- When the speaker turns on, the last used external device mode will be selected.

▶ If you want to turn off the speaker, press the **[P]** button on the speaker or the remote control.



Please turn the volume down when you turn on the Speaker. Sudden loud sound may cause you much surprise and damage to your ears

Using Bluetooth

What is Bluetooth? Bluetooth is a new technology that enables Bluetooth-compliant mobile phones and external devices to easily interconnect with each other using a short wireless connection.

- ▶ This Bluetooth device may cause noise or malfunction, depending on the use conditions.
 - When a part of the body is in contact with the receiving/transmitting system of the speaker or external device.
 - Interference from walls, corners or office partitioning.
 - Electrical interference from same frequency-band devices such as medical equipment, microwave ovens and wireless LAN.
- ▶ The further the distance between the speaker and an MP3 player or hands free mobile phone, the lower the quality will be. If the distance exceeds a certain range, the wireless networking is disconnected.
- ▶ When pairing the Bluetooth device with the speaker, make it as short a distance as possible.



Notes

- ◆ The Bluetooth features of the speaker are optimised with Samsung products. If used with third party products, some of the Bluetooth features may not work properly.



Using Bluetooth (continued)

Pairing the speaker

You must pair the speaker with external devices you use before you can connect it

Before you start!

- When pairing the speaker to another Bluetooth device, we recommend keeping a distance of less than 1 meter(3 feet) between the two devices.

- 1 With the speaker powered-off, press and hold the  button on the speaker or the remote control for 5 more than seconds.

- The Bluetooth connection LED blinks and the speaker enters the pairing mode.
- The pairing standby status lasts about 3 minutes. After 3 minutes, you should turn off and restart the speaker.

- 2 Select the Bluetooth menu on the Bluetooth device.

- 3 Search for Bluetooth devices available on the device you are using and select <YA-SBR510> from the search results.

- When selecting a device to connect, select <Stereo Headset> so that you can listen to music from the speaker.
- For more information, refer to the user manual for the applicable device.

- 4 If the Pin code input window appears, enter <0000>.

- The pairing of the speaker is completed.

Notes

- You only need to pair it once.
- Check the pin code of a Bluetooth audio dongle if you use it to connect this product to another device.
If the pin code is other than <0000>, the connection will not be made.
- You can check the Bluetooth mode from the Bluetooth connection LED.

Bluetooth Status	LED Indicator
Pairing Standby	Blinking
Connected	Turned On



Bluetooth Speaker

Listening to music

•Before you start!

- Check if the speaker is turned on.
- Check if the speaker is connected to a Bluetooth device.

1 Press the [M] button to set the Bluetooth mode.

- The Bluetooth connection LED turns on.

2 Play a music file on the connected Bluetooth device. Or

Press the [P] button on the remote control.

- You can listen to music through the speaker.
- During music playback, press the [P] button on the remote control to pause the playback and press the [P] button again to play.

Button Operation

- ▶ **Volume Adjustment:** Use the [-, +] button on the speaker or the remote control to adjust the volume.
- ▶ **Mute function:** Press the [M] button on the remote control.
- ▶ **Previous / Next Track:** Press the [P] button.
- ▶ **Reverse / Forward Search:** Press and hold the [P] button on the remote control during music playback.

Notes

- ◆ In Bluetooth connection mode, the Bluetooth connection can be set off if the interval between the speaker and the Bluetooth device exceeds a certain distance. If the distance is returned to the effective range or you restart the speaker, the Bluetooth connection can be restored.
- ◆ If the speaker has been paired with the Bluetooth device, you can press the [M] button to automatically restore the Bluetooth connection even in case of disconnection.
- ◆ If you connect the speaker to other external device in Bluetooth mode, the current Bluetooth connection is terminated and the speaker will be connected to that external device.

Motion Detection Sensor

•Before you start!

- Check if the speaker is connected to the power source.
- Check if the speaker is paired with the Bluetooth device.
- Make sure the external connection mode is set to Bluetooth mode.

1 If the Motion detection sensor detects human body in sleep mode, it will turn on the speaker so you can enjoy the music from the Bluetooth device (using earphones), now through the speaker.

▶ Sleep mode

- If no human motion is detected for 5 minutes during no playback in power connection condition.
- In sleep mode, only the power LED turns on.

Notes

- ◆ The Motion detection sensor operates within the effective range of about 3 m.
- ◆ The music may not be played through the speaker, depending on the Bluetooth device.



To set the alpha wave mode

The blue alpha wave light on the front of the speaker motions rhythmically according to the music speed, volume, section and so on to make you feel psychologically comfortable.

1 During music playback, press the [α] button on the remote control.

- The alpha wave light on the front of the speaker turns on.
- To turn off the alpha wave mode, press the [α] button on the remote control again.

To set the sound mode

Your speaker supports 3 channel surround sound system so that you can enjoy high quality music.

1 During music playback, press the [SOUND] button on the remote control.

- The sound mode LED turns on.

Color of the sound mode LED	Description
Blue: Surround Mode	Uses Euphony's Hyper-Directional 3 channel Surround Imaging technology to provide an optimized surround sound system to movie.
White: Hi-Fi Mode	Uses Euphony's Sound Optimized System to provide an optimized surround sound system to music.



Notes

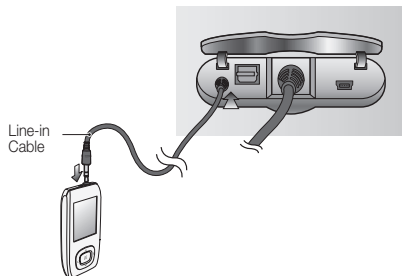
- ◆ **What is the alpha (α) wave?**
The alpha wave is one of brain waves that emits while a person feels psychologically comfortable and at ease.
- ◆  **EUPHONY** is a trademark of DiMAGIC co.Ltd.
- ◆ Press and hold [-] and [+] buttons on the speaker together to change the Sound mode.

Using the speaker with an external device

You can use the provided cable to connect to a Bluetooth non-compliant device and enjoy music through the speaker.

Using the Line-in cable

You can use the Line-in cable to listen to music through the speaker from an external device. (ex: MP3 player).



1 Use the Line-in cable to connect the output port (or Audio-out port) of the external music player to the AUX jack of the speaker.

- When connected, the external device connection mode will switch to [AUX].

2 Press the Play button on the external music player.

- You can listen to music from the speaker.



Notes

- ◆ You can use the [LINE] button on the remote control to switch the external device connection mode.
- ◆ High level volume from the connected external device may cause poor sound quality.
Turn the volume of the external device down.

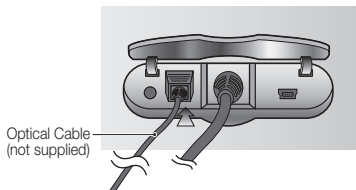
ENG





Using the Optical cable (not supplied)

You can connect the speaker to devices with the Optical-out port such as a DVD player or home theater system.



1 Use the optical cable to connect the optical-out port of the external music player to the optical jack of the speaker.

2 Press the Play button on the external music player.

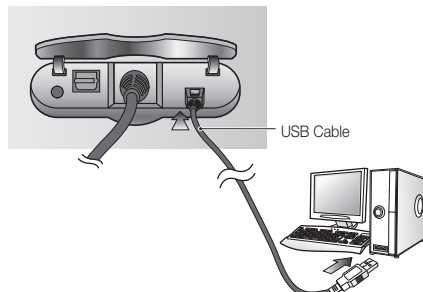
- The external device connection mode will switch to [OPTICAL].
- You can now listen to music from the speaker.



This can be done only if the digital output of the external audio device is set to PCM mode. No other mode is supported.

Using the USB cable

You can use the USB cable to listen to music through the speaker from the PC.



1 Use the USB cable to connect the USB port of the PC to the USB connection port of the speaker.

- When connected, the external device connection mode will switch to [USB].

2 Play music on the PC.

- You can now listen to music from the speaker.



Notes

- ◆ The music may not be played through the speaker, depending to the PC application program.



If you disconnect the USB cable, the playback will be stopped. To resume playing the music, exit the PC application program and restart it.



Troubleshooting

- If you have a problem with your speaker, check for a solution in this list. If the problem persists, contact Samsung Customer Service.

ENG

Problem	Solution
Power will not turn on.	■ Check if the AC Power adaptor and the AC cord are properly connected. ■ Unplug the AC cord and connect it again.
Buttons do not work.	■ Check if the AC Power adaptor and the AC cord are properly connected. ■ The buttons on the speaker are the touch sensor system. The touch button may not function if you use your fingernail or an instrument such as a ballpoint pen. ■ Unplug the AC cord and connect it again.
Music is not playing.	■ Check if the current external device is playing music. ■ Check if you speaker is set to the right external device connection mode (AUX, OPTICAL, USB, Bluetooth). ■ Check if you select MUTE on the remote control.
Bluetooth connections could not be made.	■ Check if the speaker is paired with the Bluetooth device you use. ■ The Bluetooth connection can be set off if you turn the speaker or Bluetooth device off and on. In this case, try to connect again. ■ In Bluetooth connection mode, the Bluetooth connection can be set off if the interval between the speaker and the Bluetooth device exceeds a certain distance. If the distance is reduced to the effective range or you restart the speaker, the Bluetooth connection will be restored. ■ Check if the Line-in cable, the optical cable or the USB cable is properly connected.
The remote control does not operate.	■ Try to operate it in a short distance to the speaker. ■ Replace the lithium battery.
The sound is not output suddenly in playback for an extended time.	■ Your speaker has the auto mute function to protect from overheat as the internal temperature of the speaker increases in case of an extended time of playback in a high ambient temperature. Turn off the speaker and restart it in a minute.

Appendix _13





Wireless Communications Specification

Emission Type	F1D
RF Power	0.1mW/CH
Transmit Frequency	2402MHz ~ 2480MHz
Receive Frequency	2402MHz ~ 2480MHz
No. of Channels	79 channels
Temperature	-10°C~+50°C
Modulation System	GFSK
Communication Mode	Duplex Operation
Humidity	0~95%

Product Specifications

Model Name	YA-SBR510
Power Source	Input(100-240V, 50-60Hz, 1.7A)
	Output(DC 19V, 3.6A)
Bluetooth QD ID	B013205
Bluetooth Specification	Bluetooth 2.0
Profiles supported	A2DP , AVRCP
Effective Range	Max. 10m (33 feet)
Speaker Output	30W(10W/CH), Max. 45W(15W/CH)
Audio Input	AUX, OPTICAL, USB, Bluetooth
Dimensions	157 X 60 X 45 inches (400X154X116 mm)
Weight	4.2lb (1.9kg)

The content of this user manual is subject to change for further improvement without prior notice.



Declaration of Conformity

ENG

For the following product:

YA-SBR510 / Bluetooth Speaker

Manufactured at:

1. Eastern Mastec Corp.
308-12, Osanri Jorieup, Paju-Shi, Kyoungkee-Do, South Korea
(Factory name, address)

We hereby declare, that the product above is in compliance with the essential requirements of the R&TTE Directive (1995/5/EC) by application of:

EN 6065:2002	EN 61000-3-3:1995+A1:2001
EN 55020:2002+A1:2003+A2:2005	EN 300 328-1 v1.7.1(2006-10)
EN 55022:1998+A1:2000+A2:2003	EN 301 489-1 v1.6.1(2005-09)
EN 55024:1998+A1:2001+A2:2003	EN 301 489-17 v1.2.1(2002-08)
EN 61000-3-2:2000	

Technical documentation kept at Samsung Electronics Co., Ltd. in Korea.

Manufacturer

Representative in the EU:

Youn Doo Hyun / S. Engineer

Samsung Electronics Co., Ltd.

416, Maetan3-Dong, Yeongtong-Gu, Suwon-City,
Gyeonggi-Do, Korea

April 20, 2008

(Place and date of issue)

Yong Sang Park / S. Manager

Samsung Electronics Euro QA Lab.

Blackbushe Business Park, Saxony Way, Yateley,
Hampshire, GU46 6GG, United Kingdom

April 20, 2008

(Name and signature of authorized person)

Appendix _15





SAFETY INFORMATION

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.

Caution: Any changes or modifications in construction of this device which are not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: 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 to 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.

Declaration of Conformity

We, Samsung Electronics Co.,Ltd., declares under its sole responsibility that the product, Trade name Samsung & Model name YA-SBR510, has been tested according to the part 15 of the FCC Rules.

Party responsible for Product Compliance

Samsung Electronics America QA Lab.

18600 Broadwick Street, Rancho Dominguez, CA 90220





EUROPE ONLY

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.



ENG



1540-07-3269



(0107892509160285)

" Este equipamento opera em caráter secundário, isto é, não tem direito a proteção contra interferência prejudicial, mesmo de estações do mesmo tipo, e não pode causar interferência a sistemas operando em caráter primário."

Este produto está homologado pela ANATEL, de acordo com os procedimentos regulamentados pela Resolução 242/2000, e atende aos requisitos técnicos aplicados.

Para maiores informações, consulte o site da ANATEL – www.anatel.gov.br

Se tiver qualquer pergunta ou comentário relacionado aos produtos Samsung, favor entrar em contato com o Centro de Atendimento SAMSUNG.

Samsung Eletrônica da Amazônia Ltda.
0800-124-421

www.samsung.com/br

Appendix _17



