

YA-BS300

Bluetooth Speaker  
**user manual**



# SAFETY INFORMATION

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## 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.

## **SAFETY INFORMATION (Continued)**

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### **Declaration of Conformity**

We, Samsung Electronics Co.,Ltd., declares under its sole responsibility that the product, Trade name Samsung & Model name YP-S5, 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

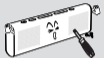
## Safety Instructions

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



Non-compliance with the following safety instructions may lead to serious physical injury.

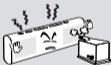
WARNING



**Do Never disassemble, repair or modify this product on your own.**



**Do not expose the product to moisture or drop it in water.**  
If the product gets wet, do not turn it on. Contact a local Samsung Customer Care.



**Do not place the product in damp, dusty or sooty areas.**  
Otherwise, it will cause fire or electric shock.



**Do not leave the product near a heating source higher than 95°F (35°C) or inside a sauna or a parked car.**  
In summer, the temperature inside a parked car can go up to 80°C.

## Safety Instructions



Non-compliance with the following safety instructions may lead to physical injury or damage to the product.

CAUTION



**Store the product away from dust or impurities.**



**Use only Samsung provided or authorized accessories.**



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



**Do not place the product near magnetic objects.**  
Otherwise, it will cause a malfunction.

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## What's Included

The following figures are provided for your visual understanding and may differ slightly from the actual product appearance.



Player



USB Cable



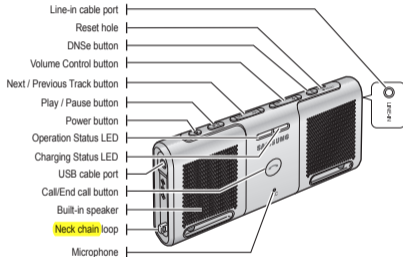
Line-in Cable



Note

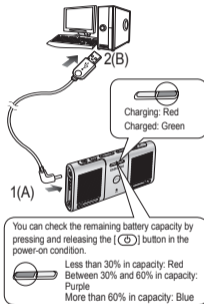
- You can purchase any of these accessories, if damaged, at the local Samsung customer care.

## Screen displays



## Charging

If you are using the product for the first time after the purchase or have not been using it for an extended time, fully charge the battery before using the product. The product has equipped with a built-in battery pack.



1. Connect the narrow end (A) of the USB cable to the USB port of the speaker.
2. Connect the wide end (B) of the USB cable to the USB port ( ) of your PC.
  - It may take about 3 hours to fully charge the battery. However, the charging time can vary depending on the PC specification.

### Using the Battery

- Charge and store the battery within the temperature range of 40°F~95°F (5°C~35°C).
- Do not charge the battery for more than 12 hours. Over-charging / over-discharging the battery can reduce the battery life.
- The battery is consumable and can reduce the usable life over time.



- Notes
- When the battery capacity is less than 30%, the status LED blinks red.
  - If you use the speaker during the charging process, the status LED can not turn green when the charging is complete.

## Using Bluetooth

### What is Bluetooth?

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Bluetooth is a computing and telecommunications industry specification that describes how MP3 players, hands-free (mobile phones) and computers can easily interconnect with each other and with home and business phones and computers using a short wireless connection.

- The Bluetooth device can cause noise or malfunction, depending on the conditions of use.
  - Physical signal interference, for instance, if you carry a mobile phone in the back pocket and wear the speaker in the neck, or if you hold the speaker in the one hand and the mobile phone in the other hand
  - Physical contact on the transmitting or receiving system of an external device
  - Electrical variation from electrical jamming by a wall, corner or office partitioning
  - Electrical interference from the same frequency-band devices including medical equipment, microwave oven and wireless LAN
- The longer the distance between the speaker and the MP3 player or the hands free mobile phone is, the quality will be deteriorated in proportion Besides, if the distance exceeds a certain range, the wireless networking is disconnected.
- When pairing the Bluetooth device with the product, ensure that the distance is as short as possible.




Note


- 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.

### Turning on/off the Speaker

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If you want to turn on the stereo speaker, press and hold the [> button for more than 2 seconds.

- The indicator blinks blue.


If you want to turn off the stereo speaker, press and hold the [> button for more than 2 seconds.

### Pairing the Stereo Speaker

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#### Before you start!

- You must pair the speaker with external devices you use before you can connect it to a Bluetooth mobile phone or other Bluetooth device.
- When pairing the speaker, it is recommended to maintain the distance of less than 1 meter between the devices.

1. In the power-off condition, press and hold the [> button for 5 seconds.
  - The left LED blinks blue and red alternately.
  - The pairing standby status lasts about 3 minutes. In those 3 minutes, you should turn off and restart the speaker.
2. Select the Bluetooth menu on the Bluetooth device you use.
3. Search for Bluetooth devices available on the device you are using and select <YA-BS300> 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 device user manual.

4. If you are prompted to enter a pin code or password, enter <0000>.

- The pairing of the speaker is completed



Notes

- Once you paired this product, you don't need to pair it again.
- Check and remember the pin code of an audio dongle if you connect this product to an audio dongle. If the pin code is other than <0000>, the connection will not be made.
- If the Bluetooth connection is not made in 5 minutes since its start, the speaker will automatically turn off.
- You can check the Bluetooth connection status with the indicator.

Bluetooth Status	LED Indicator
Pairing Standby	Blinks red and green
Connection Standby	Blinks red at intervals of 2.5 seconds
Connected	Blinks blue at intervals of 4 seconds

## Listening to Music

### Before you start!

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




1. Play a music file on the connected Bluetooth device.

- You can also play the music by pressing the [  ] button on the speaker. You don't need to play the music directly on the connected Bluetooth device.

2. Press the [  ] button.


- You can listen to music through the speaker.
- During music playback, press and release the [  ] button to pause the playback. Press and hold it for more than 2 seconds to stop playing.

### Button Operation

- Volume Control: use the [  ] button to adjust the volume.  
You can adjust the volume level from 00 to 15.
- Previous / Next Track: press the [  ] button.
- Rewind / Fast Forward: press and hold the [  ] button during music playback.



Notes

- In Bluetooth connection mode, the Bluetooth connection can be terminated if the distance between speaker and Bluetooth device exceeds a certain range. When the distance is narrowed down to a certain range or you restart the speaker, the Bluetooth connection will be automatically be restored.
- If the speaker has been paired with the Bluetooth device, you can press the [  ] button to automatically restore the Bluetooth connection even in case of disconnection.



## Using Call Functions

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### Before you start!

- Check if the speaker is turned on.
- Check if the speaker is connected to a Bluetooth device.
- Check if your mobile phone supports the appropriate functions before you can use the speaker to make phone conversations. Mobile phones that do not support the voice call function will not allow you to make a voice call through the speaker.

### Answering a Call

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Press the [  ] button when you receive an incoming call.

- You can make phone conversations through the speaker.

#### Call Volume Control

If you want to adjust the call volume during the conversation, press the [  ] button.


### Ending a Call

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When the conversation is over, press the [  ] button.

### Rejecting a Call

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Press and hold the [  ] button for more than 2 seconds when you receive an incoming call.


## Dialling

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### Dialling a recent call


- Press the [  ] button. The most recent call number will be dialled.

### Making a Call by Number

- Press a desired call number on your mobile phone.
- Press the [  ] button on the speaker. That number will be dialled.


## Voice Dialling

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Press and hold the [  ] button for more than 2 seconds and speak out the name after a beep.

## Switching a Call

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If you want to switch a call from mobile phone to speaker, or speaker to mobile phone, press and hold the [  ] button for more than 2 seconds.



Note

- Depending on the mobile phone model, the most recent call number may be dialled without display on the screen.

## Making Phone Conversations While Listening to Music

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### Before you start!

- When you are listening to music on a MP3 player through the speaker set as <Stereo Headset>, your mobile phone should have been connected as <Handsfree>. If your mobile phone has been connected as <Stereo Headset>, you can answer an incoming call while listening to music.

### Answering a Call While Listening to Music



Press the [  ] button when you hear a ring from the speaker.

- The music stops and the number will be dialled.

### Ending a Call


When the conversation is over, press the [  ] button.

### Making a Call While Listening to Music

1. Press and hold the [  ] button for more than 2 seconds while listening to music.
  - The player stops playing.
2. Press the [  ] button.
  - The most recent call number will be dialled.



Note

- When the music is stopped, some mobile phones may move to the playlist depending on the model. To exit the playlist, press and hold the [  ] button for more than 2 seconds again.
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## Answering Another Call

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### Before you start!

- Check if your mobile phone supports the appropriate function. Normally, this function is available only in GSM phones.

### Call Waiting

Press and release the [  ] button during the conversation.



- You can put the current call on hold.

Press the [  ] button again to disconnect from the waiting person.

### Answering Another Call During Conversations

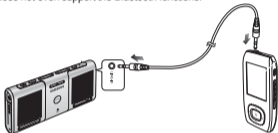
If you receive another call during the conversation, press and release the [  ] button.

- You can put the current call on hold and answer the second call.

If you want to send busy signal to the second call, press and release the [  ] button. If you want to end the current call and answer the second call, press and release the [  ] button.

## Using the Speaker with an External Device


You can use the Line-in cable to listen to music through the stereo speaker from an external device that does not even support the Bluetooth functions.





1. Use the Line-in cable to connect the output port (or Line-out port) of the external music player to the Line-in port of the speaker.
2. Press the Play button on the external music player.
  - You can listen to music through the speaker.



Note

- Press the [  ] button if you want to make a call or answer an incoming call from the Bluetooth-connected mobile phone while you are listening to music through the speaker using the Line-in cable.

## DNSe Sound Effect

- Repeat pressing the [  ] button until a desired sound effect is selected.
- Press and hold the [  ] button for more than 2 seconds to check the current sound effect setting.

Sound Effect	LED Indicator
Standard	Blinks once
3D Sound Mode	Blinks twice
Bass Boost Mode	Blinksthree times
3D & Bass Boost Mode	Blinks four times



Notes

- DNSe is a 3D surround sound effect technology developed by Samsung. The 3D technology enhances the surround sound effect, and the bass boost mode reinforces the bass to provide profound sound.
- DNSe is not enabled if you are listening to music by using the Line-in cable to connect to an external device.

## Checklist before Contacting Us

- Please check the followings before contacting us if you have a problem with the product.
- If the problem persists, contact us at the local Samsung Customer Care.

Problem	Check & Action
<b>The player does not turn on.</b>	<ul style="list-style-type: none"> <li>■ If the player runs out of battery, it does not turn on. Charge the battery and try again.</li> <li>■ Press the [RESET] button to reset the system.</li> </ul>
<b>No button works properly.</b>	<ul style="list-style-type: none"> <li>■ Check if you have turned on the product.</li> <li>■ Press the [RESET] button to reset the player.</li> </ul>
<b>The battery usable time is different from the specification in the user manual.</b>	<ul style="list-style-type: none"> <li>■ The battery is consumable and can reduce the usable life over time.</li> <li>■ The usable time may differ, depending on the sound mode you set.</li> <li>■ A recharged battery can have less usable time if it is exposed to low or high temperature for an extended time.</li> </ul>
<b>Music is not playing.</b>	<ul style="list-style-type: none"> <li>■ Check if the music files on the connected mobile phone or the MP3 player are supported by the appropriate device.</li> </ul>

Problem	Check Point & Action
<b>Bluetooth connection is not made.</b>	<ul style="list-style-type: none"> <li>■ Check if the Bluetooth device to use is paired with your player.</li> <li>■ The Bluetooth connection can be terminated if you turn off and restart the speaker, MP3 player or the mobile phone. In this case, try to connect again.</li> <li>■ In Bluetooth connection mode, the Bluetooth connection can be terminated if the interval between speaker and Bluetooth device exceeds a certain distance. If the distance is narrowed down to the effective range or you restart the speaker, the Bluetooth connection can be restored.</li> <li>■ Check if the Line-in cable is properly connected.</li> </ul>
<b>Some disturbance is heard during phone conversations.</b>	<ul style="list-style-type: none"> <li>■ Adjust the volume of the speaker or the mobile phone.</li> <li>■ Move to another place and try again.</li> </ul>
<b>No phone call is made even when the speaker has been connected to the mobile phone as &lt;Stereo Headset&gt;.</b>	<ul style="list-style-type: none"> <li>■ Check if the simultaneous connection function is selected in the Bluetooth setting of the mobile phone.</li> </ul>

## Wireless Communications Specification

Emission Type	F1D
<b>Rating</b>	<b>DC 5.0V / 500mA (Built in battery: DC 3.7V)</b>
RF Power	2.5mW
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	95%

## Product Specifications

Model name	YA-BS300
Bluetooth QD ID	
Bluetooth Specification	Bluetooth 2.0
Profiles supported	A2DP, AVRCP, HSP, HFP
Effective Range	Max. 10m
Sound Effect	DNSe
Call Functions	Echo reduction & noise reduction
Play Time	Max. 4 hrs (max volume), 150 hours in Standby mode
Battery Charging Time	Approx. 3 hours
Battery Specification	Li-Polymer Battery 560mAh
Speaker Output	0.7W/CH (MAX. 1W/CH)
Stereo Audio Input	Max. 650mVrms/CH

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

Manufacturer: Korea Wireless Network Inc.  
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