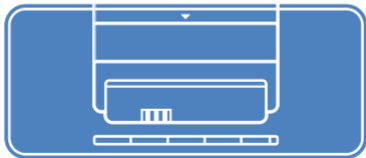


SAMSUNG

Bluetooth® Stereo Speaker ATP110

MOBILE ENHANCEMENT



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Thank you

Thank you for purchasing the Samsung Bluetooth Stereo Speaker ATP110. We know you will be delighted with its operation.

Please read the user manual before using the speaker to make the best use of the speaker's features.



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 maneuvers)

Remember, driving comes first, not the call!
Abide by local laws.



Check phone compatibility

The ATP110 is dedicated to the SPH-M620 phone. It also supports **Bluetooth¹** version 1.1 or higher specification and support **Headset profile, Hands-free profile, Advanced Audio Distribution profile, and Audio/Video Remote Control profile²**, but may not be fully compatible with models other than SPH-M620.

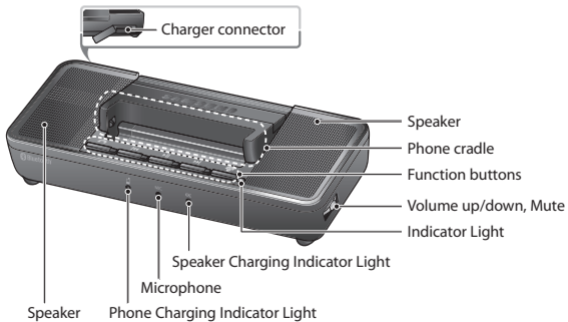
Getting started

1 Check the contents of your box

Make sure you have the following items with your speaker:

Travel adapter, Battery, User manual

2 Your speaker, an overview



3

Button functions



Talk button

In Standby mode

- Press to redial the last number.

When a call comes in

- Press to answer the call.

During a call

- Press and hold to answer a second call.
- Press and hold to switch between the active call and the held call.

To Reconnect

- Press to connect the speaker to the phone, if speaker has already been paired, via the Hands-Free or Headset profile.



Power on/off button

- Press and hold to turn the speaker on or off.

During a call

- Press to end the call.

When a call comes in

- Press and hold to reject the call.

When the music player is launched

- Press to stop playing music.

 **Play/Pause button**

When the music player is launched

- Press to begin playing music.
- Press to pause or resume playback.

 **Volume Up/Down/Mute button**

- Press to adjust the speaker volume during playback.
- Press to adjust the voice volume during a call.
- Press and hold the middle of this button to mute voice during a call.

 **REW/FF button**

- Press to move to the previous or next track during music playback.
- Press and hold to rewind or fast forward during music playback.

4 Charging the speaker

Please make sure that you fully charge the battery before using the speaker for the first time.



1. Plug the charger into the speaker's charger connector.
2. Plug the charger into the electrical outlet.
The red charging indicator light turns on. When the battery is fully charged, the charging indicator light changes to green.





- Press the "SAMSUNG" labeled button to place your phone in the pop up component.
- The phone and the speaker can be charged separately or simultaneously using the provided charger.
- While the speaker and the phone are being charged Bluetooth features can be utilized.

Checking the battery level

- A warning sound beeps and the red indicator light flashes. The music streaming function is disabled when the charge in the battery gets too low.

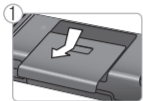
Checking the current battery level

- Press and hold   at the same time.
 - The red speaker charging indicator light flashes once when the remaining battery capacity is 5~30%.
 - The red speaker charging indicator light flashes twice when the remaining battery capacity is 30~80%.
 - The red speaker charging indicator light flashes 3 times when the remaining battery capacity is 80~100%.

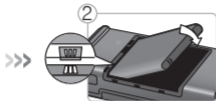


- Disconnect the charger from the power source or the speaker after charging is completed.
- Use only a Samsung-approved charger. Unauthorised chargers may cause an explosion or damage to the speaker.
- Always try to keep the speaker at room temperature (0°C ~ +40°C).
- The battery will gradually wear out over time with charging/discharging.
- When the speaker is using other functions, it will take longer to charge.

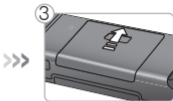
5 Installing the battery



Remove the battery cover.





Insert the battery.



Close the battery cover.

Before using your speaker

6 Turning the speaker on/off

- Press and hold the Power On/Off button  to turn the speaker on. When the speaker is ready to be paired, the blue indicator light turns on. If the speaker has not been paired with SPH-M620, the purple indicator light flashes.
- Press and hold the Power On/Off button  to turn the speaker off. The indicator light sequentially flashes blue and red.

7 Indicators (LED) description

Bluetooth Status Indicator (LED)

Status	Light
Power on	Flashes purple
Power off	Flashes blue and red
Pairing mode	Turns blue
Standby mode ³	Flashes blue every 3 seconds
Active mode ⁴	Flashes blue every 8 seconds

Charging Indicators (LED)


Status	Light
Low battery	Flashes red
Charging the battery	Turns red
Fully charged battery	Turns green

8 Pairing the speaker with SPH-M620

Pairing⁵ will create a unique and encrypted wireless link between two Bluetooth enabled devices. To use the speaker with SPH-M620, both devices must be paired. During pairing, keep the speaker and the phone close together.

1. Getting your speaker ready to pair.

There are 2 ways your speaker would be ready to pair.

- When turning on the speaker for the first time.
- After turning on the speaker press and hold  until the indicator light turns blue.

2. Search for the speaker on your phone, following instructions in the phone's user guide. Your phone should find "Samsung ATP110." If it doesn't try re-search (this may need to be done a few times).

3. Select **Samsung ATP110** on your handset.

4. When the phone asks if you want to pair with it, confirm by selecting **Yes** or **OK**.


5. Enter the speaker **passkey** or **PIN**⁶, "0000(4 zeros)".



⁶ Once pairing is completed, the speaker and the Bluetooth phone connection is made automatically. If the device fails to connect, make the connection yourself from the Bluetooth phone. (Refer to **9. Connecting the paired speaker to SPH-M620** page 10.)

9**Connecting the paired speaker to SPH-M620**

If two Bluetooth devices are disconnected by a power failure, you will need to reconnect them. When you reconnect a previously paired speaker and handset, you will not be asked for a passkey.

1. Be sure that the speaker is turned on.
2. Choose the connection method you want.
 - To connect from the phone, follow the phone's user guide.
 - To connect from the speaker, both the phone and speaker must have been previously paired.Press  to re-connect.


Using your speaker

This section explains how to use various functions, such as making or answering a call, using menus that you can use while a call is in progress, and listening to music.

10 Using call functions

Making a call

Redialling the last dialled number

- Press  to redial the last number.
- Press and hold to redial the last number.

Answering a call

- Press  when the phone rings.

Ending a call

- Press  when you have finished the conversation.

Rejecting a call

- Press and hold  as a call comes in.



Using options during a call

You can use the following functions to control your call while a call is in progress.

Adjusting the volume

- Press the volume key to adjust the volume while talking.

Muting the microphone

- Press and hold the middle of the volume  to turn off the microphone so that the person with whom you are speaking cannot hear you.
- Press and hold the middle of the volume  to turn the microphone back on.

Answering a second call

- When you hear a call waiting tone press and hold  to answer a call. The first call will be placed on hold.
- To reject a second call, press  briefly.

Switching between two calls

- Press and hold  to switch between an active call and one on hold.

Switching a call from the phone to the speaker

- Press  to switch the call from the phone to the speaker.



11 Using music control functions

Please make sure that you fully charge the battery before using the speaker for the first time.

Listening to music

- Press .
The music player launches and sound output switches to the speaker.


Pausing and resuming music

1. Press  to pause playback.
2. Press  to resume playback.

Stopping music

- Press .



Listening to the previous/next track

- Press  /  to move to the previous track or to the next track.

Rewinding/Fast forwarding



- Press and hold  /  while music is on.

Adjusting the volume

- Push   to increase or decrease the volume level.

12 Answering a call while listening to music

When a call comes in while music is playing, your speaker will alert you so that you can answer the call.

1. When the phone rings, press . The music stops and you are connected with the caller.
2. When you have finished a conversation, press .
After terminating the call the display needs to be flipped and the music will start back automatically.



▪ You are not able to make a call while music is playing.

Appendix

13 Frequently asked questions

How far away from my phone will the speaker work?	The operating range is typically up to 10m(30ft).
Will the speaker work with my cordless phone at home?	ATP110 is not designed for use with cordless phones.
Will the speaker work with laptops, PCs, and PDAs?	The speaker will work with devices that are compliant with Bluetooth version 1.1 or higher, and support Headset profile, Hands-free profile, Advanced Audio Distribution profile and/or Audio/Video Remote Control profile.
Will anything cause interference when used with or near the speaker?	Using the speaker in close proximity to receiving equipment (i.e., TV, wireless LAN, microwaves) may cause interference with the speaker. To reduce any interference, you should keep the speaker away from other devices that use or produce radio waves.
Will my speaker interfere with a car's electronics, radio, or computer?	Samsung ATP110 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.

<p>Can other Bluetooth phone users hear my conversation?</p>	<p>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.</p>
<p>Can I use the speaker while charging?</p>	<p>The speaker is usable while charging.</p>
<p>Battery operation time doesn't match the one stated in the user manual.</p>	<ul style="list-style-type: none"> ■ 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.
<p>Can I replace the battery if it died?</p>	<p>The battery is covered under warranty for one year after the date of purchase. Should it become faulty within the one year, we will replace it at no charge. If you want to replace a dead battery with a new one, please contact your nearest service centre.</p>
<p>The sound echoes when you talk using the speaker.</p>	<p>Adjust the speaker volume or try moving to another position and try again.</p>
<p>Music files are not accessible.</p>	<p>Depending on the model of Bluetooth phone, it may not read other file formats other than MP3 files (such as *.wav, *.wma and *.avi). Make sure that your music files are of a compatible file format (*.mp3).</p>
<p>How do I take care of my speaker?</p>	<p>To clean the speaker, use a clean and soft cloth that is slightly damp.</p>

14 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.

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 aintenance 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



(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.

- 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 **Standby mode** is when the speaker is passively waiting for a call or music playback. When you "end" the call or music playback on your mobile phone, the speaker will go into standby mode.
- ⁴ **Active mode** is when the speaker has an active call in progress or music is being played.
- ⁵ **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.
- ⁶ **Passkey or PIN** is a secret code that needs to be entered on the phone in order to pair the Bluetooth mobile phone with a Bluetooth 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.

18 Specifications

Bluetooth version	Version 2.0
Bluetooth QDID (Qualified Design ID)	B012353
Bluetooth profile support	Advanced Audio Distribution profile, Audio/Video Remote Control profile, Headset profile, Hands-Free profile
Frequency range	2.402 ~ 2.408GHz
Power consumption for transmission	0.25 ~ 2.5mW
Bluetooth-available distance	10m
Dimensions (W x L x H)	104.0mm x 44.6 mm x 19.5mm
Weight	69g
Operating temperature range	0°C (32°F) ~ 40°C (104°F)
Typical standby time	Up to 400 hr
Typical talk time	Up to 16 hr
Typical play time	Up to 11 hr
Battery charging time	Approximately 3.5 hr
Adapter input	AC100 ~ 240V, 50/60Hz
Adapter output	DC 5V, 1000mA

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

※ The Bluetooth device, ATP110 stereo speaker, that may cause the possibility for interference while using cannot be required to services related to the safety of human life.



MOBILE ENHANCEMENT

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

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