

SAMSUNG

USER MANUAL

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PLEASE READ THIS MANUAL CAREFULLY BEFORE OPERATING
YOUR UNIT AND RETAIN FOR FUTURE REFERENCE.

SAFETY INFORMATION

SAFETY WARNINGS

TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE THE COVER (OR BACK).
NO USER-SERVICEABLE PARTS ARE INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.
Refer to the table below for an explanation of symbols which may be on your Samsung product.

	CAUTION RISK OF ELECTRIC SHOCK. DO NOT OPEN.	
	This symbol indicates that high voltage is present inside. It is dangerous to make any kind of contact with any internal part of this product.	
	This symbol indicates that this product has included important literature concerning operation and maintenance.	
	Class II product : This symbol indicates that a safety connection to electrical earth (ground) is not required. If this symbol is not present on a product with a power cord, the product MUST have a reliable connection to protective earth (ground).	
	AC voltage : Rated voltage marked with this symbol is AC voltage.	
	DC voltage : Rated voltage marked with this symbol is DC voltage.	
	Caution. Consult Instructions for use : This symbol instructs the user to consult the user manual for further safety related information.	

WARNING

- To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.
- This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.
- The battery (battery or batteries or battery pack) shall not be exposed to excessive heat such as sunshine, fire or the like.

CAUTION

- Do not expose this apparatus to dripping or splashing. Do not put objects filled with liquids, such as vases, on the apparatus.
- To turn this apparatus off completely, you must pull the power plug out of the wall socket. Consequently, the power plug must be easily and readily accessible at all times.

FCC NOTE (for U.S.A.):

FCC Supplier's Declaration of Conformity

FCC Compliance Statement :

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.

FCC Caution :

- Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.
- This product satisfies FCC regulations when shielded cables and connectors are used to connect the unit to other equipment. To prevent electromagnetic interference with electric appliances, such as radios and televisions, use shielded cables and connectors for connections.

Class B FCC Statement

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 of the following measures:

- Reorienting or relocating the receiving antenna.
- Increasing the separation between the equipment and receiver.
- Connecting the equipment to an outlet that is on a different circuit than the radio or TV.
- Consulting the dealer or an experienced radio/TV technician for help.

FCC Radiation Exposure Statement :

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated so there is at least 8 inches (20 cm) between the radiator and your body. This device and its antenna(s) must not be co-located or operated in conjunction with any other antenna or transmitter.

CALIFORNIA USA ONLY (Applicable for networking models only.)
This Perchlorate warning applies only to primary CR(Manganese Dioxide) Lithium coin cells in the product sold or distributed ONLY in California USA "Perchlorate Material - special handling may apply. See www.dtsc.ca.gov/hazardouswaste/perchlorate."

Dispose unwanted electronics through an approved recycler.

WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

Important Safety Instructions

Read these operating instructions carefully before using the unit. Follow all the safety instructions listed below. Keep these operating instructions handy for future reference.

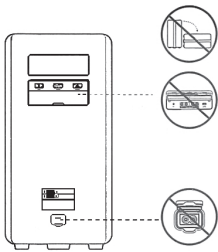
- Read these instructions.
- Keep these Instructions.
- Heed all warnings.
- Follow all instructions.

- Clean only with dry cloth.
- Do not block any ventilation openings.
Install in accordance with the manufacturer's instructions.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 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.
- Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- Only use attachments/accessories specified by the manufacturer.
- 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.
- Unplug this apparatus during lightning storms or when unused for long periods of time.
- 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.

To avoid deterioration of water resistant

Check the following and use the unit correctly.

- Deformation or damage from dropping the unit or subjecting it to mechanical shock may cause deterioration of the water resistant.
- This unit does not have a design that is resistant to water pressure. Use of the unit in a location where high water pressure is applied, such as in the shower, may cause a malfunction.
- Do not pour high-temperature water or blow hot air from a hair dryer or any other appliance on the unit directly. Also never use the unit in a place subject to high temperatures, such as in a sauna or near a heat source.
- Handle the cap with care. Port cover & AC plug cover plays a very important role in maintenance of the water resistant. When using the unit, make sure that the cap is closed completely. When closing the cap, be careful not to allow foreign objects inside. If the cap is not closed completely the water resistant may deteriorate and may cause a malfunction of the unit as a result of water entering the unit.
- IPX5 cannot be met when any JACK or AC power is plugged in.
- The product cannot be dumped to ensure it is water resistant.



PRECAUTIONS

- Ensure that the AC power supply in your house complies with the power requirements listed on the identification sticker located on the rear of your product. Install your product horizontally, on a suitable base (furniture), with enough space around it for ventilation (3~4 inches). Make sure the ventilation slots are not covered. Do not place the unit on amplifiers or other equipment which may become hot. This unit is designed for continuous use.
To fully turn off the unit, disconnect the AC plug from the wall outlet. Unplug the unit if you intend to leave it unused for a long period of time.
- During thunderstorms, disconnect the AC plug from the wall outlet. Voltage peaks due to lightning could damage the unit.
- Do not expose the unit to direct sunlight or other heat sources. This could lead to overheating and cause the unit to malfunction.
- Protect the product from moisture (i.e. vases), and excess heat (e.g. a fireplace) or equipment creating strong magnetic or electric fields. Unplug the power cable from the AC wall socket if the unit malfunctions. Your product is not intended for industrial use. It is for personal use only. Condensation may occur if your product has been stored in cold temperatures. If transporting the unit during the winter, wait approximately 2 hours until the unit has reached room temperature before using.
- The battery used with this product contains chemicals that are harmful to the environment. Do not dispose of the battery in the general household trash. Do not expose the battery to excess heat, direct sunlight, or fire. Do not short circuit, disassemble, or overheat the battery. **CAUTION** : Danger of explosion if the battery is replaced incorrectly. Replace only with the same or equivalent type

Others

- As the battery is manufactured only for this product, do not use the battery for other electronic appliances or other purposes.
- When discarding a dead battery, put it into a battery collection box for recycling.
- Do not disassemble the battery.
- To protect the battery, the battery cannot be charged when the temperature is lower than 3 °C or higher than 42 °C.
- When the battery level is low, recharge it. If the level of the battery remains low for a long period of time, it can cause the performance of the battery to degrade.
- Do not apply heat to the battery and do not put the battery in a fire.
- Do not disassemble the battery.
- To protect the battery, the Sound Tower may not operate when the temperature is lower than -17 °C or higher than 57 °C.

01 CHECKING THE COMPONENTS

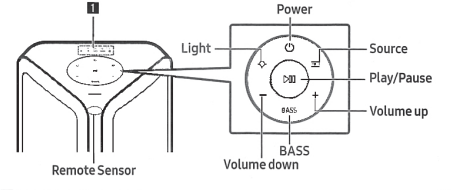
Sound Tower Main Unit / Remote Control / Power Cord X 1 (Sound Tower)

NOTES

- For more information about the power supply and power consumption, refer to the label attached to the product. (Label: Rear of the Sound Tower Main Unit)
- To purchase additional components or optional cables, contact a Service Center.
- When moving the product, do not drag or pull the product from the ground. Lift the product when moving the product.
- Design and specifications are subject to change without prior notice.

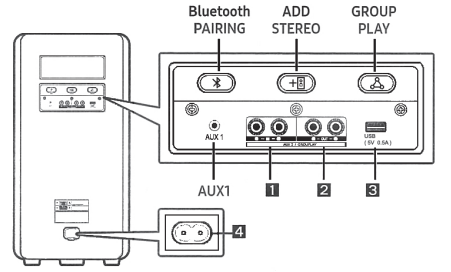
02 PRODUCT OVERVIEW

Top Panel of the Sound Tower



- LED Indicator**
Displays operating messages or current source of the Sound Tower system. The information sources represented by each LED are as follows:
 (BT) (USB) **AUX1** (AUX1) **AUX2** (AUX2) (Power/Battery)

Rear Panel of the Sound Tower



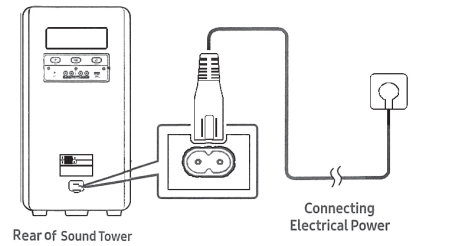
- AUX2/GROUP PLAY IN Terminals**
Use an Audio Cable (not supplied) to connect **AUX2 (IN)** terminals on the main unit to Audio Out on an external analog output device.
- GROUP PLAY OUT Terminals**
Use an Audio Cable (not supplied) to connect **GROUP PLAY (OUT)** terminals on the main unit to Audio In on an external analog output device.
- USB**
Connect a USB device to the **USB** port on the main unit. Press the (**Source**) button to select **USB**.
- POWER**
Connect the power cord to the Power jack and connect the other end of the power cord to a wall socket to supply electrical power to the Sound Tower.

NOTE: The images shown in this manual are for illustrative purposes only and may be subject to change, the actual descriptions of control panel and their locations may vary depending on the model.

03 CONNECTING THE SOUND TOWER

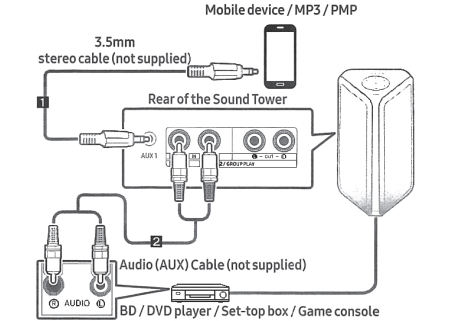
Connecting Electrical Power

- When the AC cord is pressed in, the built-in battery will be charged automatically until the battery is fully charged. The LED indicator on the top panel will show the current charging state.
- When you unplug the set to run on battery, the volume level drops dramatically.



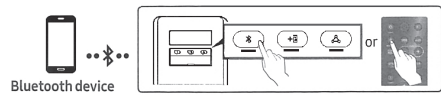
04 CONNECTING AN EXTERNAL DEVICE

Connecting using an Analog Audio (AUX) Cable



The cables mentioned in this manual is not supplied with your unit.

Connecting a mobile device via Bluetooth

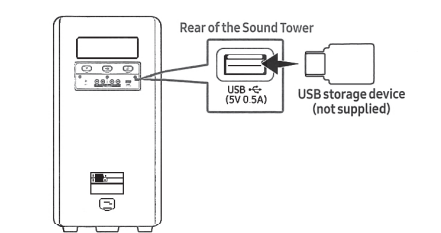


* In battery mode, when the Sound Tower is power off, Bluetooth connection and the party audio app are not available.

What is the difference between BT READY and BT PAIRING?

- BT READY** : In this mode, You can use the previously connected TV or mobile device to connect to Sound Tower.
- BT PAIRING** : In this mode, you can connect a new device to the Sound Tower. (Press and hold the **PAIRING** button on the remote control for more than 5 seconds or press the **PAIRING** button on the rear of the Sound Tower to enter the "BT PAIRING" mode.)

05 CONNECTING A USB STORAGE DEVICE



- Connect a USB storage device to the USB jack on your Sound Tower.
- Press the (**Source**) button on the top panel or on the remote control, and then select "**USB**".
 - You can also select a source using USB button on the remote control.
- The second indicator on the top panel lights up (USB indicator)
- Play music files from the USB storage device through the Sound Tower.
 - The Sound Tower automatically turns off (Auto Power Down) if USB device is not connected, playback stopped, or there is no input for more than 18 minutes.

The actual number of ports may have a different name or location.

06 TROUBLESHOOTING

Refer to the table below if this product does not function properly. If the problem you are experiencing is not listed below or if the instructions below do not help, turn off the product, disconnect the power cord, and contact a Service Center.

The unit will not turn on.

- The battery may be fully discharged. Please connect the power plug and try to turn it on.

A function does not work when the button is pressed.

- After removing the power plug, turn off the Sound Tower. And insert power plug again, turn on the Sound Tower.
- Power cycle the external device and try again.
- If there is no signal, the Sound Tower automatically turns off after a certain period of time. Turn on the power.

Sound dropouts occur in BT mode.

- See the Bluetooth connection sections.

Sound is not produced.

Is the Mute function on?

- Press the (**Mute**) button to cancel the mute function.

Is the volume set to minimum?

- Adjust the Volume.

The remote control does not work.

Are the batteries drained?

- Replace them with new batteries.

Is the distance between the remote control and Sound Tower main unit too far?

- Move the remote control closer to the Sound Tower main unit.

Stereo Group connection is not working.

Is the system in wireless Group Play mode or Stereo Group mode?

- Disconnect the wireless Group Play mode and try Stereo Group connection again.

It cannot make a Bluetooth connection.

Is the system connected to another system in wireless Group Play mode or Stereo Group mode?

- Try Bluetooth connection again after disconnecting the wireless Group Play or Stereo Group connection.

Are the two Bluetooth devices already connected?

- Try Bluetooth connection again after disconnecting other Bluetooth connections.

The **PAIRING** button is not working.

Is the system in wireless Group Play mode or Stereo Group mode?

- Try again after disconnecting the wireless Group Play or Stereo Group connection.

I want to switch the HOST (MAIN) system to the other in wireless Group Play or Stereo Group connection.

- Disconnect Group Play mode, press the Speaker which you want make to HOST first, and after it use Group LED to judge instead connect the others one by one.
- With Stereo Group mode, MAIN is fixed. You can not change others as MAIN.

I want to play AUX1 or AUX2 more than 8 hours without control input.

- Press and hold the remote control button for more than 5 seconds in **AUX1** or **AUX2** mode to disable Auto Power Down Function. Change from **ON-AUTO POWER DOWN** to **OFF-AUTO POWER DOWN**.

It cannot make a "Wireless/Wired Group/Add Stereo/Bluetooth" connection.

Is the distance between systems too far?

- It is recommended to make a "Wireless/ Wired Group/Add Stereo/Bluetooth" pairing within 3.3 ft (1 meter) from the system.
- The recommended operating distance between Sound Tower systems is closer than 32.8 ft (10 meters).

07 LICENSE



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Qualcomm is a trademark of Qualcomm Incorporated, registered in the United States and other countries. aptX is a trademark of Qualcomm Technologies International, Ltd., registered in the United States and other countries.



- [ENERGY STAR]**
ENERGY STAR qualified model only
- Your Samsung product is ENERGY STAR qualified in its factory default setting. Change to certain features, settings and functionality in this product can change the power consumption, possibly beyond the limits required for ENERGY STAR qualification.
 - Environmental Protection Agency and Department of Energy. ENERGY STAR is a joint program of the Government agencies, designed to promote energy efficient products and practices.
- Refer to www.energystar.gov for more information of the ENERGY STAR Program.
- ENERGY STAR qualified model only**
(Applicable to Thin Client models only)
- As an ENERGY STAR® Partner, SAMSUNG has determined that this product meets the ENERGY STAR® guidelines for energy efficiency.
- The ENERGY STAR Program has been to reduced greenhouse gas emissions and save energy through voluntary labeling.
 - Power management setting of this product have been enabled by default, and have various timing setting from 1 minutes to 5 hours.
 - The product can wake with a button press on the chassis from sleep mode.
- ENERGY STAR qualified model only (The other models)**
- As an ENERGY STAR Partner, Samsung has determined that this product or product models meets the ENERGY STAR guideline for energy efficiency.

To send inquiries and requests for questions regarding open sources, contact a Service Center.

08 IMPORTANT NOTES ABOUT SERVICE

- Figures and illustrations in this User Manual are provided for reference only and may differ from actual product appearance.
- An administration fee may be charged if either:
 - a. An engineer is called out to your home at your request and there is no defect in the product.
 - b. You bring the unit to a repair center and there is no defect in the product.
- You will be advised of the amount of the administration fee before any work is done or a home visit is made.
- If you have a problem with this product, we strongly recommend you read the appropriate section of this manual, contact a service center for a repair.

09 SPECIFICATIONS AND GUIDE

Specifications

Model Name	USB
MX-ST4CB	5V/0.5A
Weight	Dimensions (W x H x D)
17.6lbs (8.0kg)	11.1x22.1x10.1 inches (281x562x256mm)
Operating Temperature Range	Operating Humidity Range
+41°F to +95°F (+5°C to +35°C)	10 % ~ 75 %
AMPLIFIER	Power cord plug-in 140W
Rated Output power	Battery 60W
Overall Power Consumption	40W
Battery Type	Lithium-ion 54Wh
Battery play time	up to 12hrs
Battery charge time	<3.5hrs

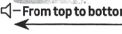
- NOTES**
- Samsung Electronics Co., Ltd reserves the right to change the specifications without notice.
 - Weight and dimensions are approximate.
 - Battery Play time and Battery charge time vary with use conditions.
 - In an extremely cold or hot environment, charging stops for safety. To resolve these issues, disconnect the AC power cord and connect it again in an operating temperature between 5°C and 35°C (41°F and 95°F).



Disposal of waste batteries and electrical and electrical and electronic equipment (applicable in the European Union and other countries with separate collection systems)

This symbol on the product, the battery or on the packaging indicates that the product and the battery shall not be treated as household waste. On certain batteries this symbol might be used in combination with a chemical symbol. The chemical symbol for lead (Pb) is added if the battery contains more than 0.004% lead. By ensuring that these products and batteries are disposed of correctly, you will help to prevent potentially negative consequences for the environment and human health which could be caused by inappropriate waste handling. The recycling of the materials will help to conserve natural resources. In case of products that for safety, performance or data integrity reasons require a permanent connection with an incorporated battery, this battery should be replaced by qualified service staff only. Th ensure that the battery and the electrical and electronic equipment will be treated properly, hand over these products at end-of-life to the appropriate collection point for the recycling of electrical and electronic equipment. For all other batteries, please view the section on how to remove the battery from the product safely. Hand the battery over to the appropriate collection point for the recycling of waste batteries. For more detailed information about recycling of this product or battery, please contact Civic Office, your household waste disposal service or the shop where you purchased the product or battery.

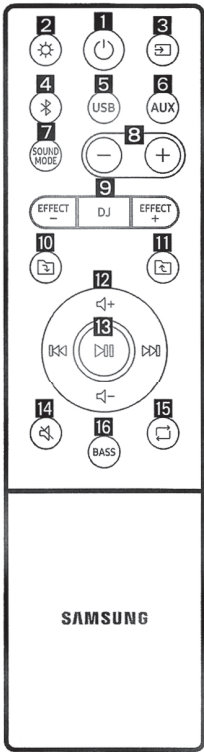
Do not expose the batteries (battery pack or batteries installed) to excessive heat such as sunshine, fire or the like for a long time. Do not expose the batteries to extreme low temperature conditions that may result in overheating and thermal runaway. Do not dismantle, open or shred secondary cells or batteries. In the event of a cell leaking, do not allow the liquid to come in contact with the skin or eyes. If contact has been made, wash the affected area with copious amounts of water and seek medical advice. Secondary cells and batteries need to be charged before use. Always use the correct charger and refer to the manufacturer's instructions or equipment manual for proper charging instructions. After extended periods of storage, it may be necessary to charge and discharge the cells or batteries several times to obtain maximum performance. Dispose of properly.

7 SOUND MODE 	Press the button repeatedly to cycle through the available sound effects: PARTY, STANDARD, HIPHOP, EDM, ROCK, LATIN, HOUSE or REGGAE. HIPHOP: term for Dynamic dance and music. EDM: A more "generalized concept" genre than electronic music. ROCK: Band music. LATIN: Term for the music of many South American countries. HOUSE: Fast beat dance music played on electronic instruments.
8 TEMPO +, - 	Press the TEMPO + or TEMPO - buttons to change the tempo of the music up or down. This function only works in the USB mode.
9 DJ 	This function lets you turn on the DJ effect function. Press the button repeatedly to cycle through the available DJ sound effects: NOISE, FILTER, CRUSH, CHORUS, WAHWAH or OFF. NOISE: Mixing white noise into the original sound. FILTER: Filter out the sound of some frequencies. CRUSH: Make the original sound sharp. CHORUS: Separate the original sound into several track and delay them separately, then mix again. Create a chorus effect. WAHWAH: WAHWAH effect created by enhancing some specific frequencies of original sound.
EFFECT +, - 	Press the EFFECT + or EFFECT - buttons to change the level of the each DJ sound effect up or down. Effect value default is 5, can be changed to -15 ~ 0 ~ +15.
10 Folder DOWN 	Press the  (DOWN) button to move to the next folder in the USB device.
11 Folder UP 	Press the  (UP) button to move to the previous folder in the USB device.
12 Volume up, Volume down / Skip   From down to up  From top to bottom	Volume up, Volume down Press the  (Volume up) or  (Volume down) to adjust the volume level up or down. Music Skip Press the  button to select the next music file. Press the  button once to play the current music again. Press the  button twice to select the previous music file. Press and hold the  button or the  button for more than 3 seconds in USB play mode to search forward or search backward. Press and hold the  button or the  button for more than 3 seconds again to get back to normal play.
13 Play / Pause 	Press the  button to pause a music file temporarily. When you press the button again, the music file plays. Auto Power Down Function To turn off Auto Power Down function while the unit is in AUX1, AUX2 mode, press and hold the  button for more than 5 seconds. Lighting bar will be blink white once.
14 Mute 	Press the  (Mute) button to mute the sound. Press it again to unmute the sound.
15 Repeat 	Press the  (Repeat) button to use the Repeat function in " USB " mode. Press the button repeatedly to cycle through the available repeat functions: ONE, FOLDER, ALL, RANDOM or OFF.
16 BASS 	Press the BASS button to use the powerful bass sound. Press it again to return to the normal sound. Press and hold the BASS button for more than 5 seconds to turn on or off the BLUETOOTH POWER function. The product does not operate the BLUETOOTH POWER function while using the battery.
※ Not available  From middle to end	The remote control button function is not available in the current source.

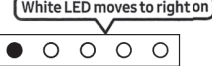
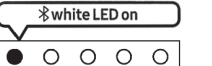
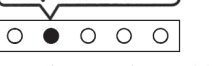
NOTE: The remote control vary depend of model: The buttons on the remote control may have a different name or location than the remote control shows in this manual.

SAMSUNG

01 USING THE REMOTE CONTROL (Batteries not included)



※ To reduce battery drain, the product does not turn on when press the power button of remote control while the battery is in use.

1 Power 	Turn the Sound Tower on and off.
2 LIGHT 	Press the  (LIGHT) button to turn the Lighting Mode on. (Only during music playback is effective) Press the button repeatedly to cycle through the available light modes: AMBIENT, PARTY, DANCE, THUNDERBOLT, STAR or OFF.
3 Source  	Press to select a source connected to the Sound Tower. Press the button repeatedly to cycle through the available sources: BT, USB, AUX1 or AUX2. LED indicator on the top of the product.
4 Bluetooth PAIRING  	Press to select a source connected directly to "BT" mode. Press and hold the button for more than 5 seconds to enter the " BT PAIRING " mode. LED indicator on the top of the product.
5 USB  	Press to select the USB source connected to the Sound Tower. LED indicator on the top of the product.
6 AUX   OR 	Press to select the AUX1 or AUX2 sources connected to the Sound Tower. LED indicator on the top of the product

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