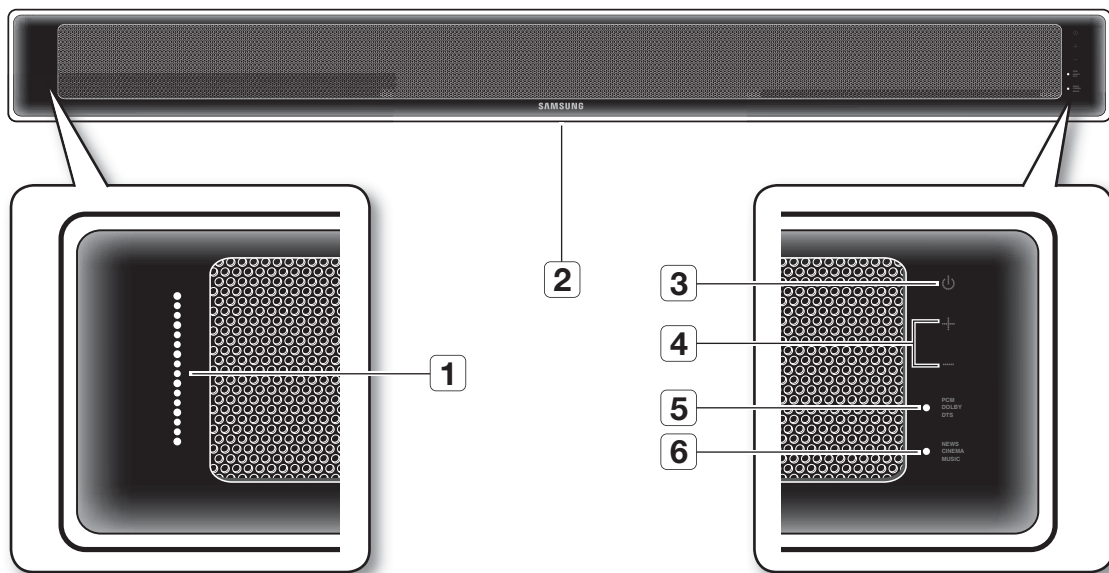


description

FRONT PANEL



1	VOLUME LEVEL INDICATOR	Shows the current volume level. (The LED indicator flashes in 8 steps, according to the volume level)
2	STANDBY LED	The standby LED lights up in standby mode. The standby LED turns off when the power of the unit turned on.
3	POWER BUTTON	Turns the Crystal Surround Air Track on and off.
4	VOLUME +/-	Controls the volume level.
5	INPUT MODE	Selects the Optical or AUX input .
6	SOUND FIELD MODE	Selects the sound field mode. (News, Cinema or Music)

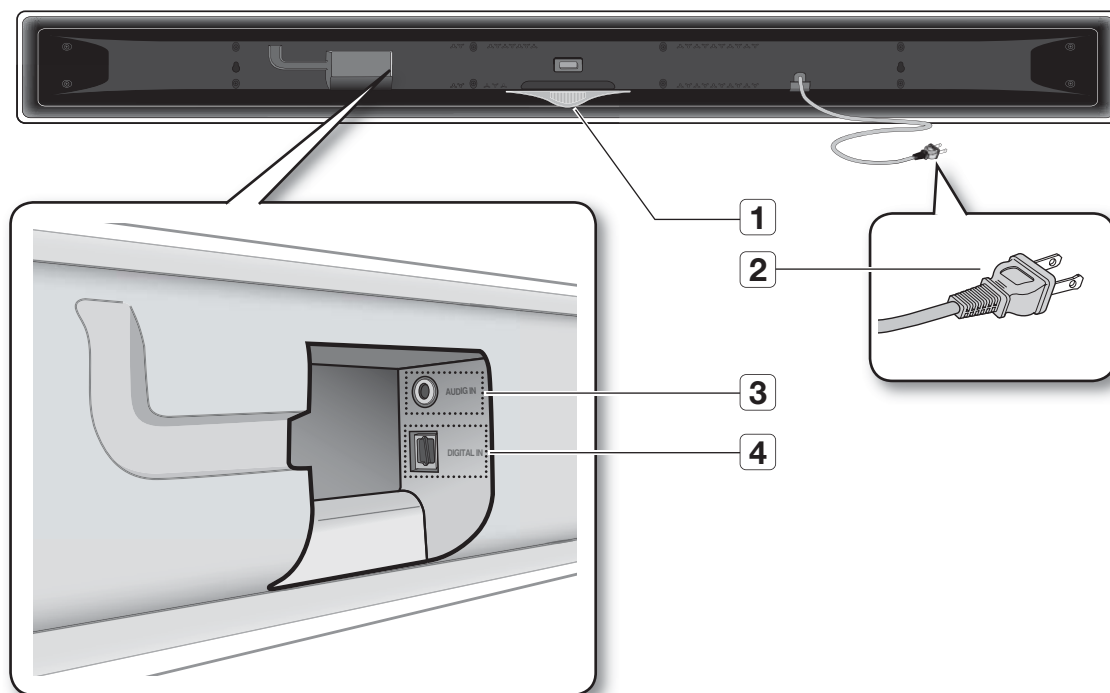


- When you turn on the power of this unit, you will hear a click and there will be a 4 to 5 second delay before it can reproduce sound.

description

ENG

REAR PANEL



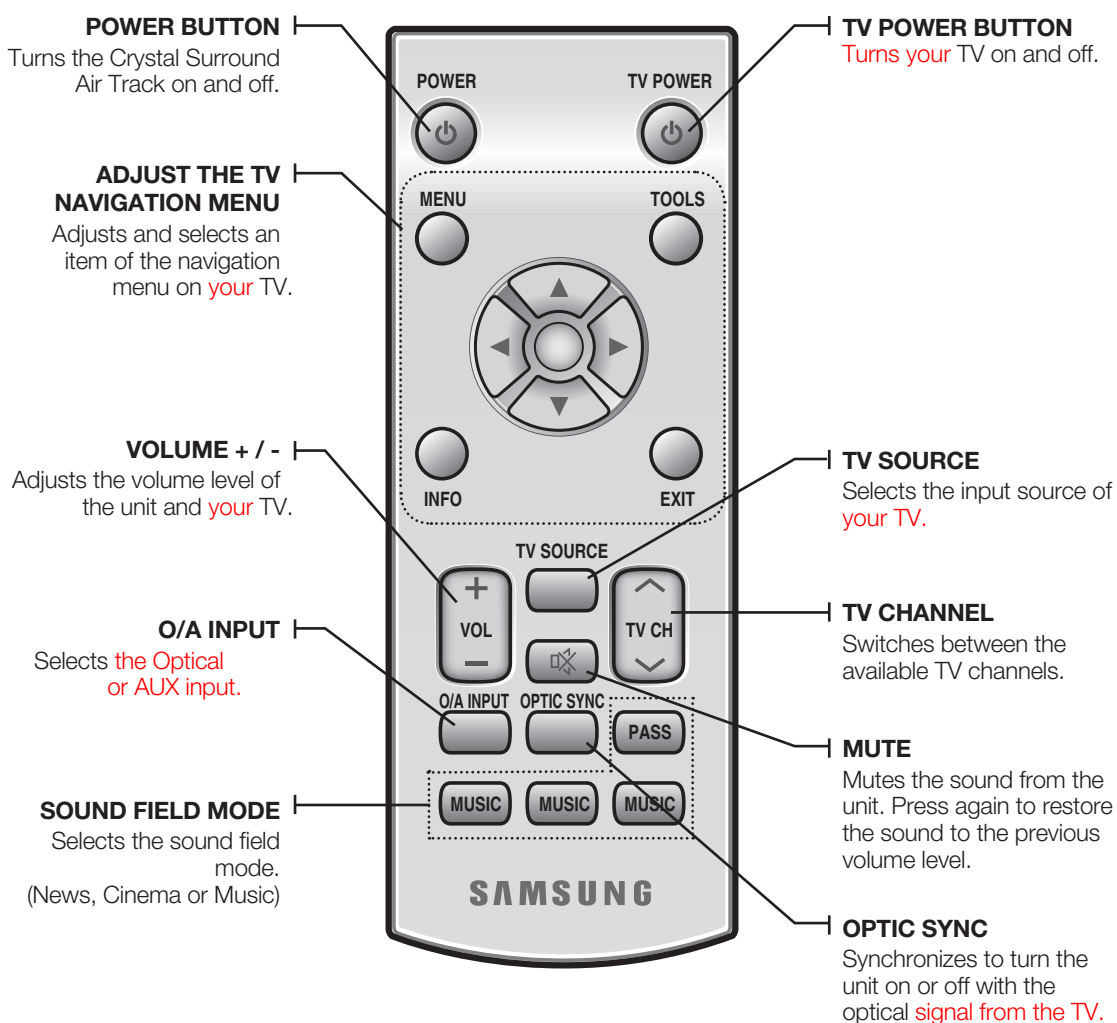
● DESCRIPTION

1	STANDBY LED	The standby LED lights up in standby mode. The standby LED turns off when the power of the unit turned on.
2	POWER SUPPLY CABLE	Plug the power supply cable into the AC wall outlet.
3	AUDIO IN JACK	Connect to the analog output of an external device.
4	DIGITAL IN JACK	Connect to the digital output of an external device.

- !** When disconnecting the power cable from the wall outlet, grasp the plug. Do not pull the cable.
- Do not connect this unit or other components to the main power until all connections between components are complete.

remote control

TOUR OF THE REMOTE CONTROL

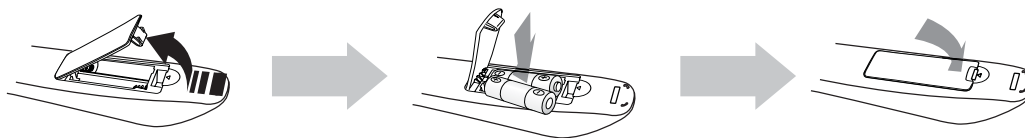


- The remote control can also operate TV made by SAMSUNG and other manufacturers. To control other components, you must set the navigation menu of the TV.
- Depending on the TV you are using, you may not be able to operate the TV with the remote control. In this case, operate TV using the supplied remote control.

remote control

ENG

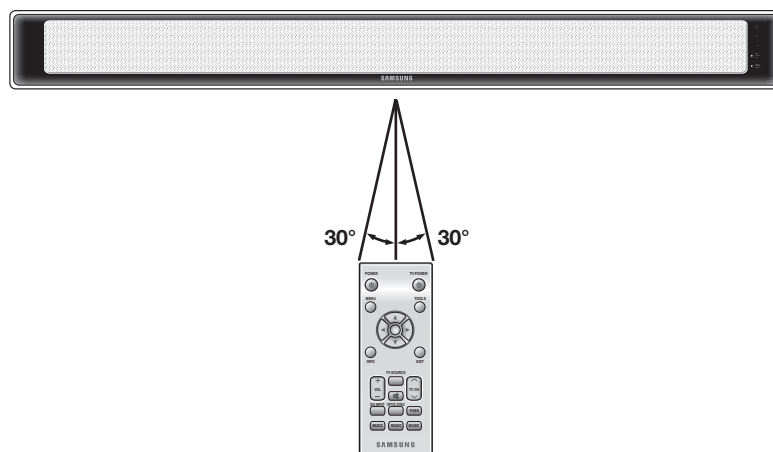
Installing batteries in the Remote Control



1. Lift the cover at the back of the remote control upward as shown.
2. Install two AAA size batteries. Make sure to match the "+" and "-" ends of the batteries with the diagram inside the compartment.
3. Replace the cover. Assuming typical TV usage, the batteries last for about one year.

Operation Range of the Remote Control

The remote control can be used up to approximately 23 feet (7 meters) in a straight line. It can also be operated at a horizontal angle of up to 30° from the remote control sensor.



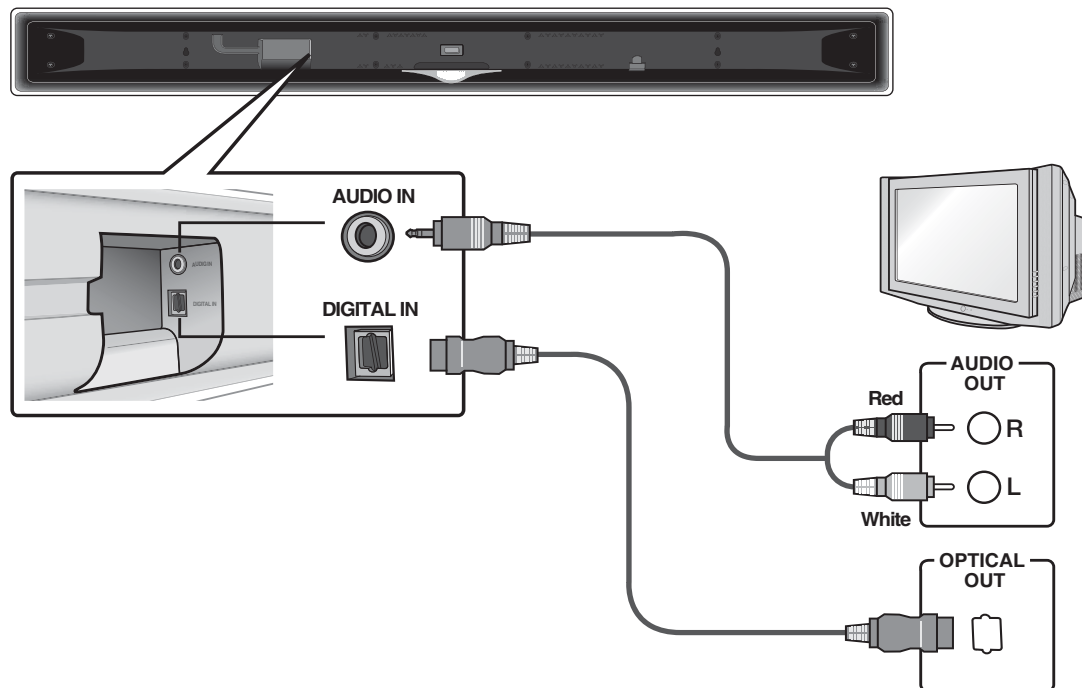
● REMOTE CONTROL

connections

CONNECTING THE CRYSTAL SURROUND AIR TRACK

This section explains two ways (digital and analog) of connecting the unit to the TV.

This unit is equipped with one optical digital jack and one analog jack for connecting a TV.



AUDIO IN

Connect AUDIO IN on the main unit to the AUDIO OUT of the TV.
Be sure to match connector colors.

OR,

DIGITAL IN

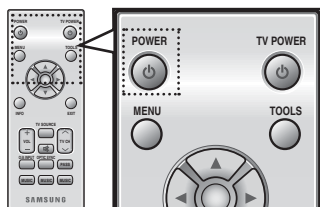
Connect the Digital Input on the main unit to the OPTICAL OUT of the TV.



- Do not connect the power cord of this product or your TV to the wall outlet until all connections between components are complete.
- Before moving or installing this product, be sure to turn off the power and disconnect the power cord.

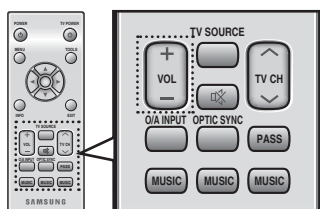
functions

BASIC FUNCTIONS



Turning the power on/off

1. Touch **POWER** (⏻) on the front panel.
OR,
Press **POWER** on the remote control to turn on the power.
 - The volume level appears in the front panel display.
2. Touch **POWER** (⏻) on the front panel.
OR,
Press **POWER** on the remote control again to turn off the power.



Adjusting the volume

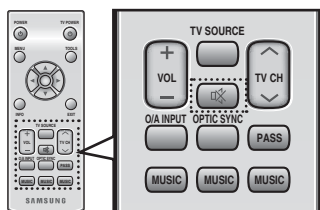
Touch **VOLUME +/-** on the front panel.

- OR,
- Press **VOLUME +/-** on the remote control to increase or decrease the volume level.
- The numeric value of the volume level appears in the front panel display.



- One of the volume level increases or decreases when you press VOLUME +/-.
- If you want to enjoy the sound only from the Crystal Surround Air Track, select EXTERNAL AMPLIFIER in the AUDIO **SETUP** menu of the TV. Refer to the owner's manual supplied with your TV.

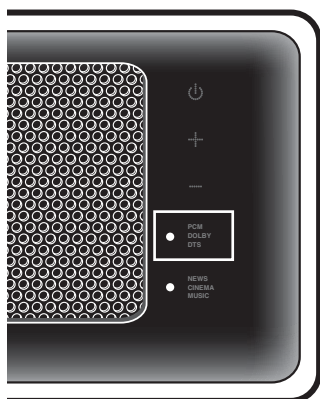
ADVANCED FUNCTIONS



Muting the sound

This is useful when answering a doorbell or telephone call.

1. Press **MUTE** (⏻) on the remote control to mute the sound.
2. Press **MUTE** on the remote control again (or press **VOLUME +/-**) to restore the sound.



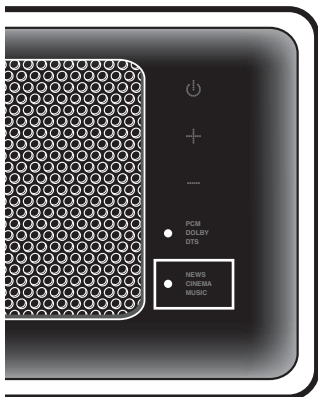
Using the input mode

You can select either Optical input or AUX input.

Press **O/A INPUT** on the remote control repeatedly to select Optical input or AUX input.

Input mode	LED
Optical input	ON
AUX input	OFF

functions



Using the sound field mode

You can select from three different sound field modes (NEWS, CINEMA and MUSIC) depending on the type of sources you want to enjoy. The color of the LED indicates sound field mode.

Sound field mode	LED color	Function
NEWS	BLUE	Press NEWS on the remote control when you play news sources.
CINEMA	RED	Press CINEMA on the remote control when you play movie sources.
MUSIC	YELLOW	Press MUSIC on the remote control when you play music sources.
PASS	OFF	Press PASS on the remote control if you want to enjoy the original sound.

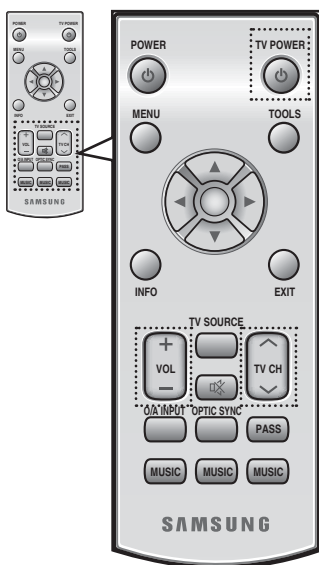
Using the OPTIC SYNC function

If you turn the power of this unit on/off when the Crystal Surround Air Track is connected to your TV, the TV is also automatically turned on/off.

Press **OPTIC SYNC** on the remote control of this unit.

- Optic sync function On or Off each time you press **OPTIC SYNC**.

OPTIC SYNC	Standby LED
On	Standby LED will blink quickly 3 times.
Off	Standby LED will blink 1 time.



Using the TV functions

1. Press **TV POWER** on the remote control of this unit.
2. Press **TV CH** on the remote control to select the TV channel.
3. If you hear sound output from your TV speakers, turn down the volume **level on the TV until** you cannot hear any sound.
4. Press **VOLUME +/-** on the remote control to adjust the volume level of this unit.
5. Select one of the sound field mode buttons on the remote control to select the desired sound field mode.

troubleshooting

Before requesting service, please check the following.

Symptom	Check	Remedy
The unit will not turn on.	Is the power cord plugged into the outlet?	Connect the power plug to the outlet.
A function does not work when the button is pressed.	Is there static electricity in the air?	Disconnect the power plug and connect it again.
Sound is not produced.	- Is the unit properly connected to your TV? - Is the Mute function on? - Is the volume set to minimum?	- Connect it correctly. - Press Mute button to cancel the function. - Adjust the volume.
Picture does not appear on a TV when the function is selected.	Is the TV connected properly?	Connect it correctly.
Remote control does not work.	- Are the batteries drained? - Is the distance between remote control and main unit too far?	- Replace with new batteries. - Operate at a close distance.
The sound from the left/right channels is reversed.	Are the left/right audio output cables from the TV connected properly?	Check the left/right channel and connect it/them correctly.

appendix

SPECIFICATIONS

GENERAL	Power supply		AC 120V, 60Hz
	Standby power consumption		0.9W
	Power consumption	Main unit	100W
		Subwoofer	90W
	Weight		12.7 lbs
	Dimensions (W x H x D)		16.9 x 5.7 x 13.7 inches
	Operating temperature range		+41°F to +95°F
	Operating humidity range		10 % to 75 %
AMPLIFIER	Rated output		20Hz~20kHz/THD = 10%
	Front speaker output		4Ω (80W/CH)
	Input sensitivity/Impedance		1000mV/47Kohm
	S/N ratio (analog input)		80dB
	Separation(1kHz)		60dB
FREQUENCY RESPONSE	Analog input		20Hz~20kHz(±3dB)
	Digital input/48kHz PCM		20Hz~20kHz(±3dB) ... based on TV

* S/N ratio, distortion, separation and usable sensitivity are based on measurement using AES (Audio Engineering Society) guidelines.

*: Nominal specification

- Samsung Electronics Co., Ltd reserves the right to change the specifications without notice.
- Weight and dimensions are approximate.

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LIMITED WARRANTY TO ORIGINAL PURCHASER

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(*90 Days Parts and Labor for Commercial Use)

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