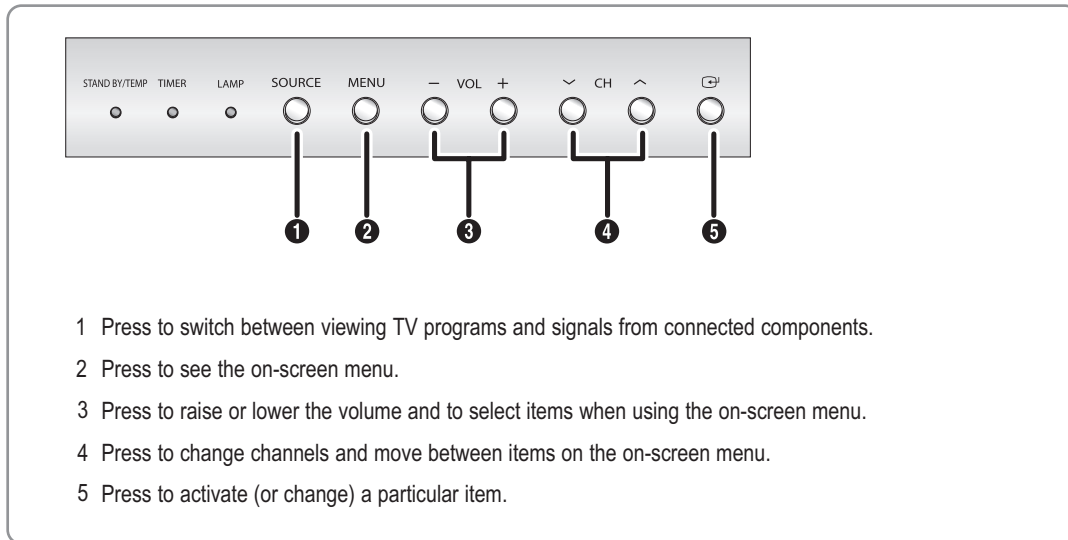


## 11. Operation Instruction & Installation

### 11-1 Product Features and Functions

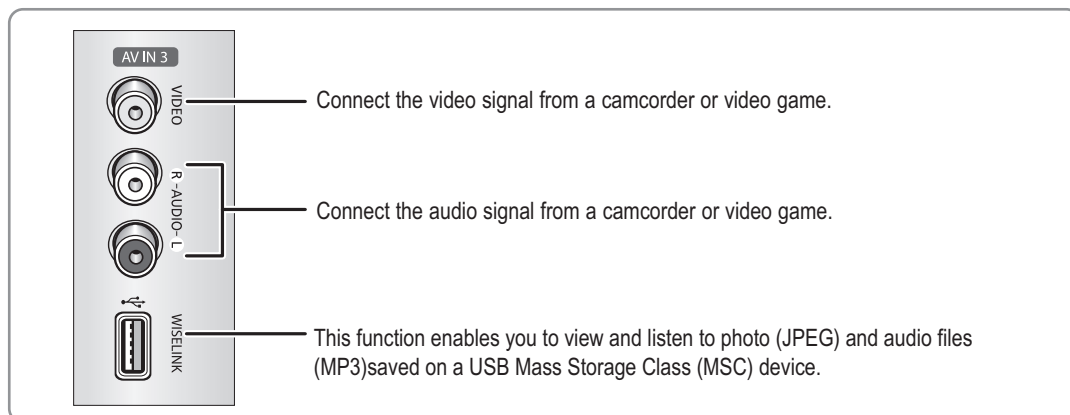
#### 11-1-1 Right side buttons

The buttons on the right side panel control your TV's basic features, including the on-screen menu system. To use the more advanced features, you must use the remote control.



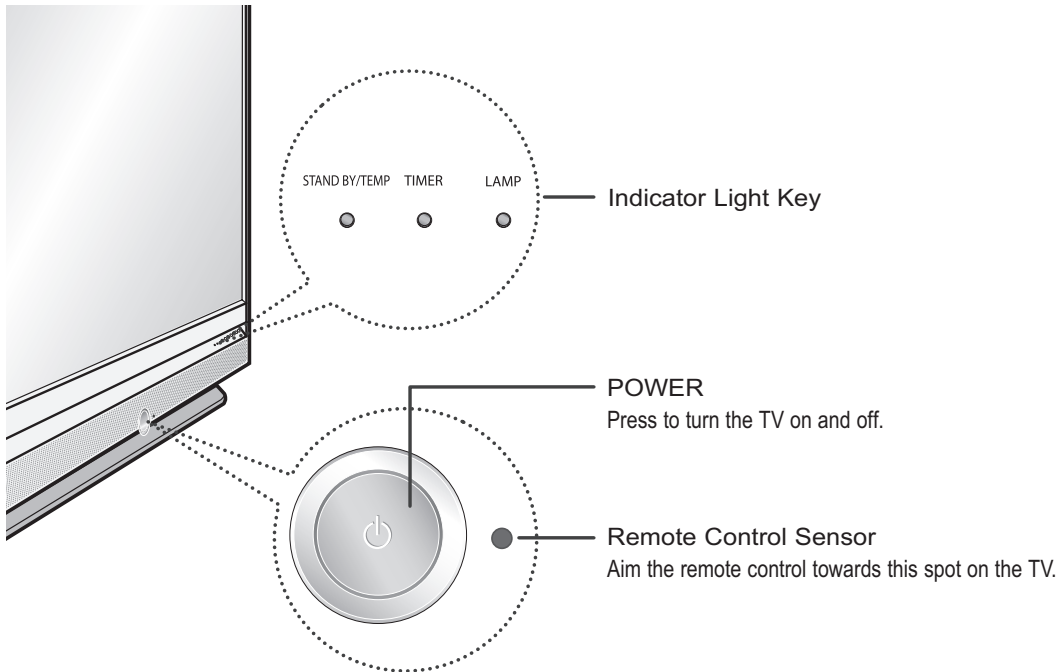
#### 11-1-2 Side Panel Jacks

Use the right side panel jacks to connect a component that is used only occasionally (a camcorder or video game, for example).



### 11-1-3 Front Panel LED Indicators

The three lights on the front panel indicate the status of your TV.



#### Indicator Light Key

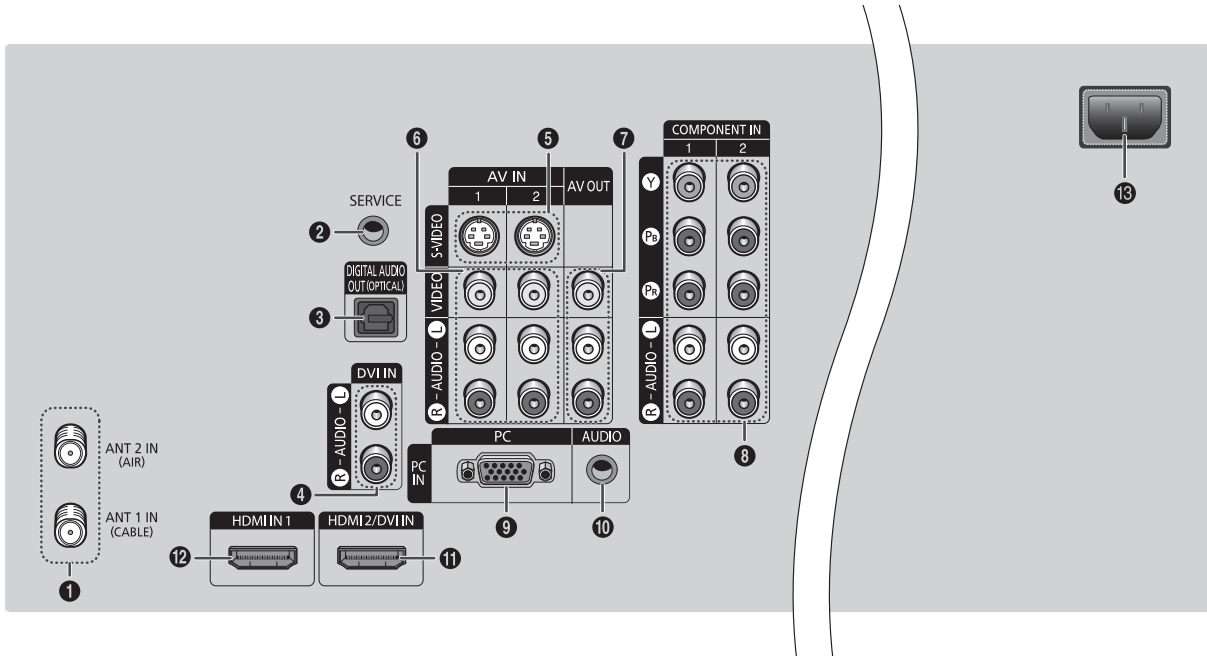
- : Light is On
- ◐ : Light is Blinking
- : Light is Off

TIMER	LAMP	STAND BY/TEMP	Indication
○	○	●	Standby state.
○	◐	○	The picture will automatically appear in about 15 seconds.
●	◐	○	Auto Timer ON/OFF has been set and the set will automatically be turned on in about 25 seconds.
◐	○	◐	A cooling fan inside the set is not operating normally.
○	◐	◐	Lamp cover on the rear of the set is not properly shut.
○	○	◐	Check if the ventilation hole on the rear of the set is blocked, because if the inner temperature is too high, the power will shut off.
◐	◐	◐	Lamp may be defective.

- It takes about 30 seconds for the TV to warm up, so normal brightness may not appear immediately.
- The TV has a fan to keep the inside lamp from overheating. You'll occasionally hear it working.

### 11-1-4 Rear Panel Jacks

Use the rear panel jacks to connect components such as a VCR. You can connect different components such as VCRs, Set-Top Box and a DVD player etc., because there are two sets of video input jacks and two sets of component video input jacks on the rear panel of your TV. For more information, see "Connections".

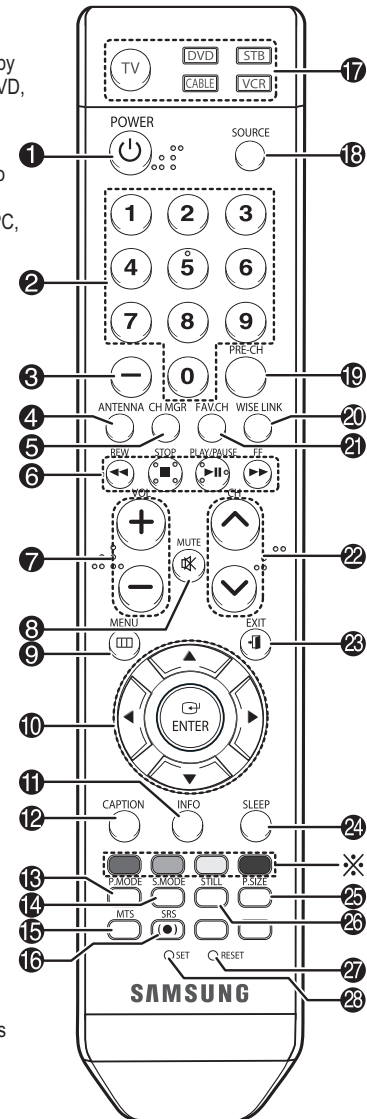


- ① ANTENNA terminals  
Two independent cables or antennas can be connected to these terminals. Use "ANT 1 IN (CABLE)" and "ANT 2 IN (AIR)" terminals to receive a signal from VHF/UHF antennas or your cable system.
- ② SERVICE  
This jack is for software upgrades..
- ③ DIGITAL AUDIO OUT (OPTICAL) jack  
Connect to a Digital Audio Component.
- ④ DVI (Digital Video Interface) AUDIO INPUT jacks  
Connect to the digital audio output jacks of a device with DVI output.
- ⑤ S-VIDEO input jacks  
Connects an S-Video signal from an S-VHS VCR or DVD player.
- ⑥ VIDEO/AUDIO input jacks  
Connect video/audio signals from external sources, such as VCR or DVD players.
- ⑦ VIDEO/AUDIO output jacks  
Sends video/audio signals from the TV to an external source, such as a VCR. These jacks are available only in TV, Video and S-Video modes.
- ⑧ COMPONENT 1, 2 jacks (Y, PB, PR, AUDIO L/R)  
Use these jacks to connect the component video/audio signals from a DVD player or a Set-Top Box.
- ⑨ PC VIDEO Input jack  
Connect these to the video output jack on your PC.
- ⑩ PC AUDIO Input jack  
Connect these to the audio output jack on your PC.
- ⑪ HDMI (High Definition Multimedia Interface)/ DVI Input jack (HDMI IN 2/DVI IN)  
Connect to the HDMI jack of a device with HDMI output. These inputs can also be used as a DVI connection with separate analog audio inputs. An optional HDMI/DVI cable will be necessary to make this connection. When using the optional HDMI/DVI adapter, the DVI analog audio inputs on your TV allow you to receive left and right audio from your DVI device. (Not compatible with PC)
- ⑫ HDMI (High Definition Multimedia Interface) Input jacks (HDMI IN 1)  
Connect to the HDMI jack of a device with HDMI output. (Not compatible with PC)
- ⑬ POWER IN  
Connect the supplied power cord.

## 11-1-5 Remote Control

You can use the remote control up to about 23 feet from the TV. When using the remote control, always point it directly at the TV. You can also use your remote control to operate your VCR, Cable box, DVD player or Samsung Set-Top Box.

1. **POWER**  
Turns the TV on and off.
2. **Channel Number**  
Press to directly tune to a particular channel.
3. **-**  
Press to select additional channels (digital and analog) being broadcast by the same station. For example, to select channel "54-3", press "54", then press and "3".
4. **ANTENNA**  
Press to select "AIR" or "CABLE".
5. **CH MGR**  
Used to display Channel lists on the screen.
6. **VCR/DVD Controls**  
Controls VCR or DVD functions: Rewind, Stop, Play/Pause, Fast Forward.
7. **VOL +, VOL -**  
Press to increase or decrease the volume.
8. **MUTE**  
Press to mute the TV sound.
9. **MENU**  
Displays the main on-screen menu.
10. **▲, ▼, ◀, ▶, ENTER**  
Press to select highlight up, down, left, or right. While using the on-screen menus, press ENTER to activate (or change) a particular item.
11. **INFO**  
Press to display information on the TV screen.
12. **CAPTION**  
Controls the caption decoder.
13. **P.MODE**  
Adjust the TV picture by selecting one of the preset factory settings (or select your personal, customized picture settings.)
14. **S.MODE**  
Select Sound effect.
15. **MTS (Multichannel Television Stereo)**  
Press to choose Stereo, Mono or SAP (Secondary Audio Program).
16. **SRS**  
Activates TruSurround.
17. **Mode (TV/DVD/STB/CABLE/VCR)**  
Selects a target device to be controlled by the Samsung remote control (i.e., TV, DVD, STB, CABLE, or VCR).
18. **SOURCE**  
Press to display all of the available video sources (TV, AV1, AV2, AV3, S-Video1, S-Video2, Component1, Component2, PC, HDMI1, and HDMI2).
19. **PRE-CH**  
Tunes to the previous channel.
20. **WISELINK**  
This function enables you to view and play saved photo (JPEG) and audio files (MP3) from an external device on the TV.
21. **FAV.CH (Favorite Channel)**  
Press to switch between your favorite channels.
22. **CH ▲ / ▼**  
Press to change channels.
23. **EXIT**  
Press to exit the menu.
24. **SLEEP**  
Press to select a preset time interval for automatic shut off.
25. **P.SIZE**  
Press to change the screen size.
26. **STILL**  
Press to pause the current screen.
27. **RESET**  
If your remote control is not functioning properly, take out the batteries and press the reset button for about 2~3 seconds. Re-insert the batteries and try using the remote control again.
28. **SET**  
Used during set up of this remote control, so that it will work compatibly with other devices (some Samsung Set-top boxes, VCR, Cable box, DVD, etc.)



※ The Color button is used during the channel list.