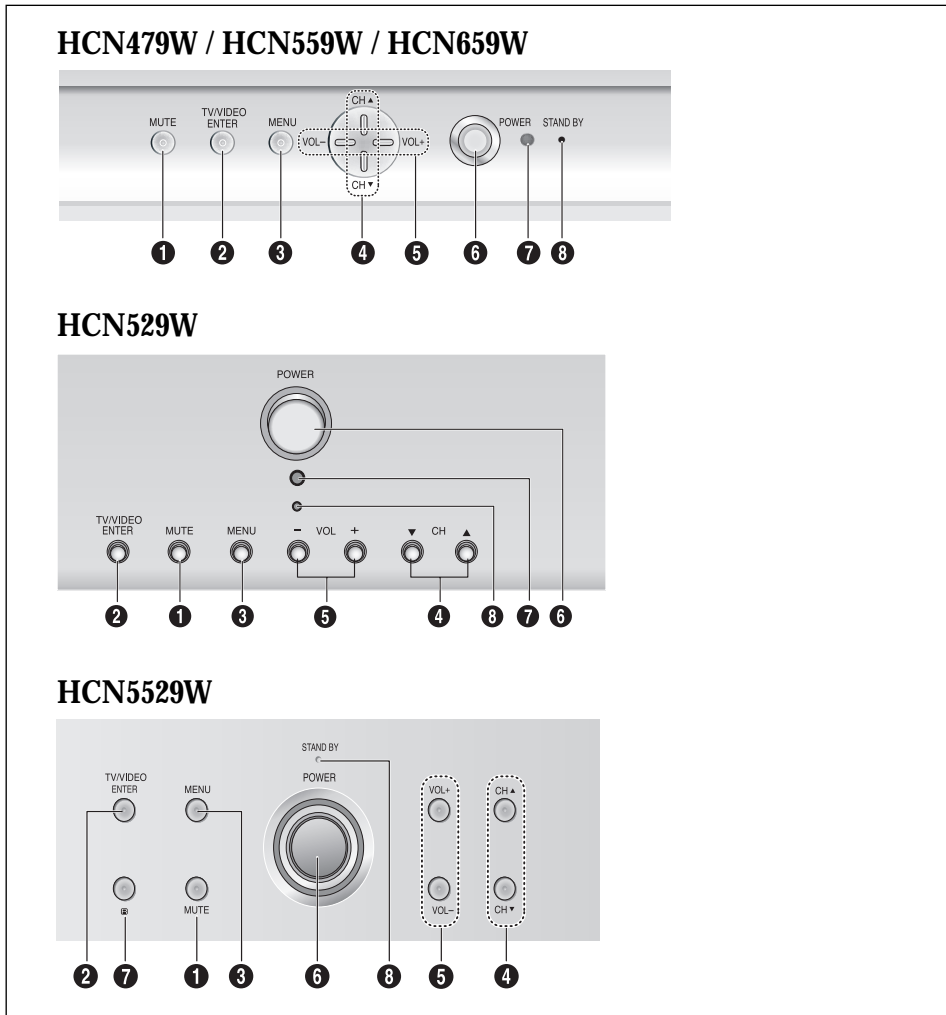


3. External Specification

3-1 Front Panel Buttons

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



1 MUTE

Press to temporarily cut off the sound.

2 TV/VIDEO & ENTER

All the inputs connected to the external component jacks will be shown in regular sequence. When the menu appears, use the CH buttons to highlight a particular source, and then press the ENTER button to select it.

3 MENU

Press to see an on-screen menu of your TV's features.

4 CH ▼ and CH ▲

Press to change channels. Also, press to highlight various items on the on-screen menu.

5 Vol -, +

Press to increase or decrease the volume. Also used to select items on the on-screen menu.

6 POWER

Press to turn the TV on and off.

7 Remote Control Sensor

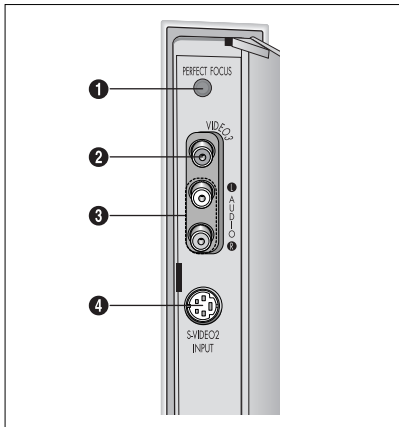
Aim the remote control towards this spot on the TV.

8 STAND BY Indicator

Lights up when you turn the power off.

3-2 Side Panel Jacks

You can use the side panel jacks to connect an A/V component that is used only occasionally, such as a camcorder or video game.



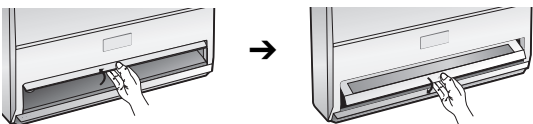
- 1 PERFECT FOCUS**
Press to adjust for the optimum picture set in the Factory.
- 2 VIDEO INPUT jack**
Use to connect a video signal from a camcorder or a video game.
- 3 AUDIO INPUT jacks**
Use to connect the audio signals from a camcorder or video game.
- 4 S-VIDEO INPUT jack**
Use to connect an S-Video signal from a camcorder or a video game.

Using the Component Shelf

(HCM5525WB/HCM653WB/HCM553WB/HCM474W/HCM556W)

You can place a VCR, a DVD player, etc. on the Component Shelf.

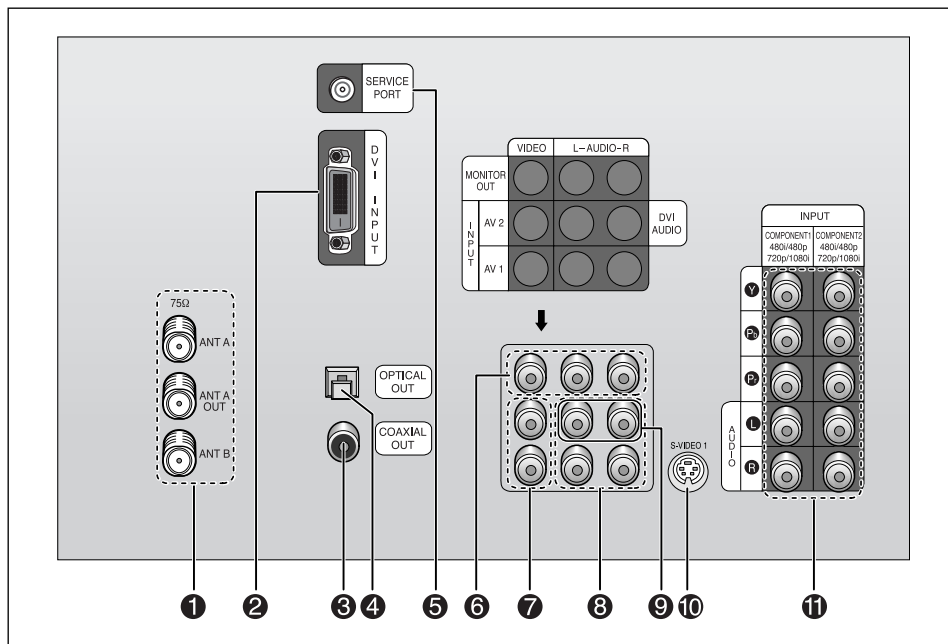
HCN479W / HCN559W / HCN659W

1 Press the symbol "⦿" in the center of the Component Shelf door.	2 As shown in figure below, hold the center of door and lift it up.	3 After placing a component on the shelf, hold the center of door and pull it down as shown in figure below.	4 Shut the door by pressing the "⦿" symbol.
			Note : When placing a component on the shelf, make sure it is no more than 5 inches tall and leave one inch of space from the front and sides for ventilation.

3-3 Rear Panel Jacks

Use the rear panel jacks to connect an A/V component that will be connected continuously, such as a VCR or a DVD player.

Because there are two sets of input jacks, you can connect two different A/V components (i.e., a VCR and a DVD, 2 VCRs, etc.)



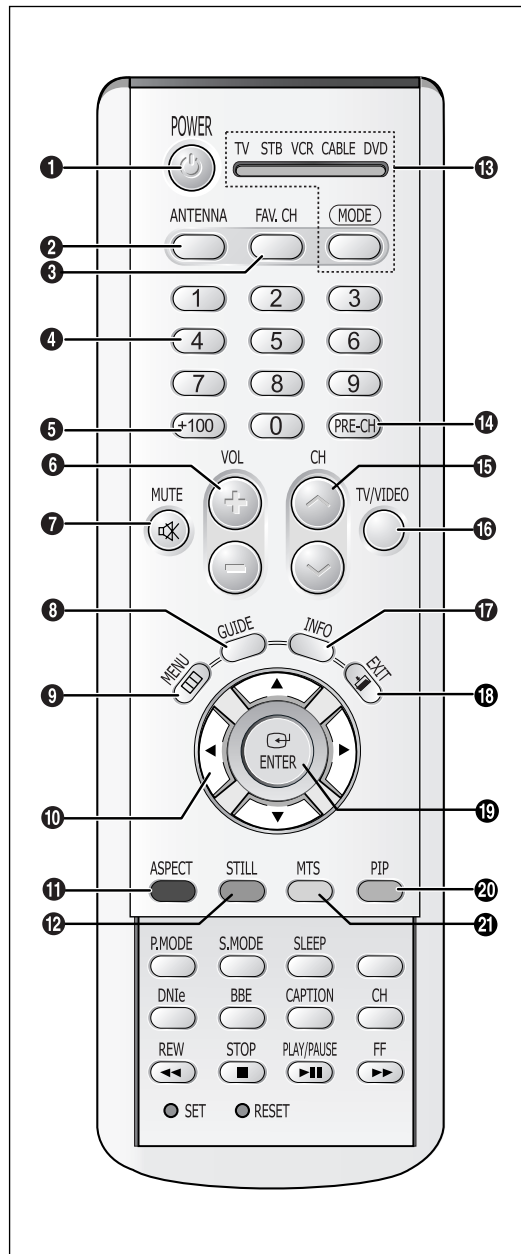
- 1 ANTENNA terminals**
Two independent cables or antennas can be connected to these terminals. Use ANT-A and ANT-B terminals to receive a signal from VHF/UHF antennas or your cable system. Use the ANT-A OUT terminal to send the signal being received by the ANT-A terminal out to another component (such as a Cable Set Top Box). The PIP channel can be received only when a signal source is connected to ANT-A.
- 2 DIGITAL INPUT (Digital Visual Interface) jack**
Receives the digital signals from a Set-top Box.
- 3 COAXIAL OUTPUT**
Connect to the Digital Audio component.
- 4 OPTICAL OUTPUT**
Connect to the a Digital Audio component.
- 5 SERVICE PORT**
For service only.
- 6 AUDIO-VIDEO MONITOR OUTPUT jacks**
Connect to the audio/video input jacks of a recording VCR.
- 7 VIDEO INPUT jacks**
Connect to the video output jacks of VCRs, DVD players and similar devices (Two sets are available: Video1 and Video2).
- 8 AUDIO INPUT jacks**
Connect to the audio output jacks of VCRs, DVD players and similar devices.
- 9 DVI AUDIO INPUT jacks**
Receives the digital audio signals from a set-top box.
- 10 S-VIDEO INPUT jack**
Connect to an S-VHS VCR or DVD player.
- 11 COMPONENT 1,2 (480i,480p,720p,1080i) AUDIO/VIDEO INPUT jacks**
Connect a source that outputs 480i/480p/720p/1080i Y, Pb and Pr signals, such as a DVD or DTV Set-Top Box.

3-4 Remote Control

You can use the remote control up to about 23 feet from the TV. When using the remote, always point it directly at the TV.

You can also use your remote control to operate your VCR and cable box.

- 1 Power**
Turns the TV on and off.
- 2 ANTENNA**
Press to select the ANT A or ANT B.
- 3 Fav.CH (Favorite Channel)**
Press to switch between your favorite channels.
- 4 Number buttons**
Press to select channels directly on the TV.
- 5 +100**
Press to select channels over 100. For example, to select channel 121, press "+100," then press "2" and "1".
- 6 VOL-, VOL+**
Press increase or decrease the volume.
- 7 Mute**
Press to temporarily cut off the sound.
- 8 GUIDE**
Press to display the on-screen Electronic Program Guide(EPG).
- 9 Menu**
Displays the main on-screen menu.
- 10 Up/Down Left/Right buttons**
Control the cursor in the menu.
- 11 Aspect**
Press to change the screen size.
- 12 Still(Main)**
Press to stop the action during a particular scene. Press again to resume normal video.



- 13 Mode**
Selects a target device to be controlled by the Samsung remote control(i.e., TV, STB, VCR, Cable box or DVD).
- 14 PRE-CH**
Tunes to the previous channel.
- 15 CH^ and CH^ (Channel Up/Down)**
Press CH^ or CH^ to change channels.
- 16 TV/Video**
Each time the button is pressed,all the inputs connected to the external component jacks will be shown in regular sequence.
- 17 INFO**
Press to display information about the current box settings and program: Channel number, Time, Program title, Program duration, Caption, Rating control, Digital picture grade and MTS language.
- 18 EXIT**
Press to exit the menu.
- 19 ENTER**
While using the on-screen menus, press ENTER to activate(or change) a particular item.
- 20 PIP**
Activates picture in picture.
- 21 MTS(Multichannel Television Sound)**
Press to choose stereo, mono or Secondary Audio Program (SAP broadcast).

Remote Control (continued)

22 S.Mode

Adjust the TV sound by selection one of the preset factory settings (or select your personal, customized sound settings).

23 P.Mode

Adjust the TV picture by selecting one of the preset factory setting(or select your personal, customized picture settings).

24 DNIE

Activates DNIE (Digital Natural Image engine).

25 BBE

BBE is a built-in effect that adds clarity, punch and dynamics to the sound.

26 VCR controls

Controls VCR tape functions: Rewind, Play, Fast Forward, Stop, Pause.

REW (Rewind)

Press to rewind a tape in your VCR.

Stop

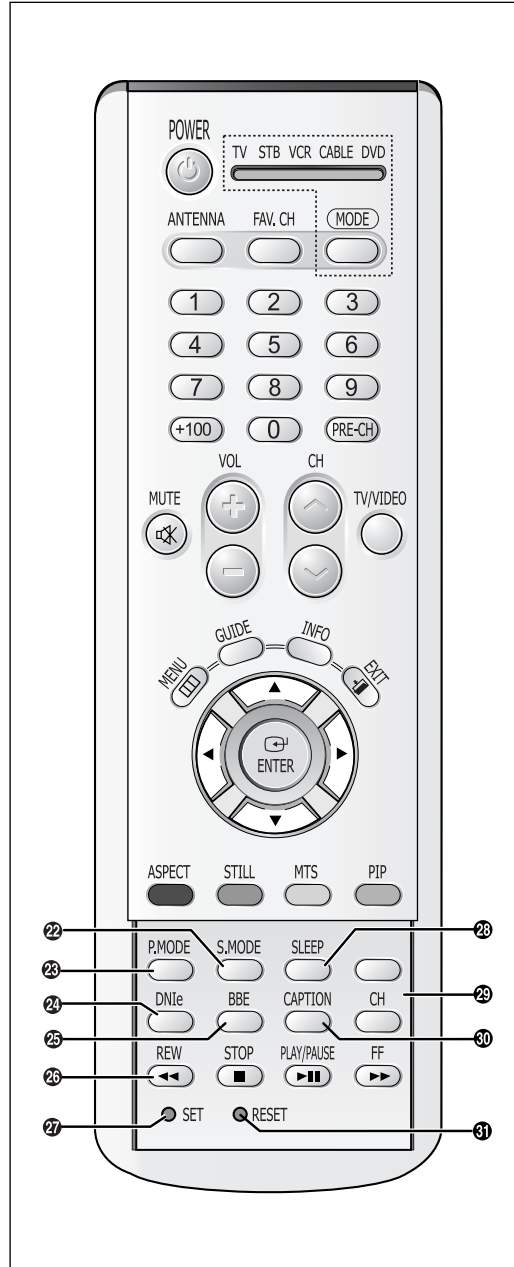
Press this button to stop a tape during play,record,rewind or fast forward. If the button is pressed during Full-Automatic play, the function will be cancelled.

Play/Pause

Press the Play/Pause button to play back prerecorded tapes or pause the tape.

FF

Press to fast forward the tape in your VCR.



27 SET

Used during set up of this Samsung remote control,so that it will work compatibly with other devices (VCR, cable box, DVD.)

28 Sleep

Press to select a preset time interval for automatic shut-off.

29 PIP Controls

CH

Displays the available channels in sequence. (These buttons change channels in the PIP window only).

30 Caption

Controls the caption decoder.

31 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.

MEMO