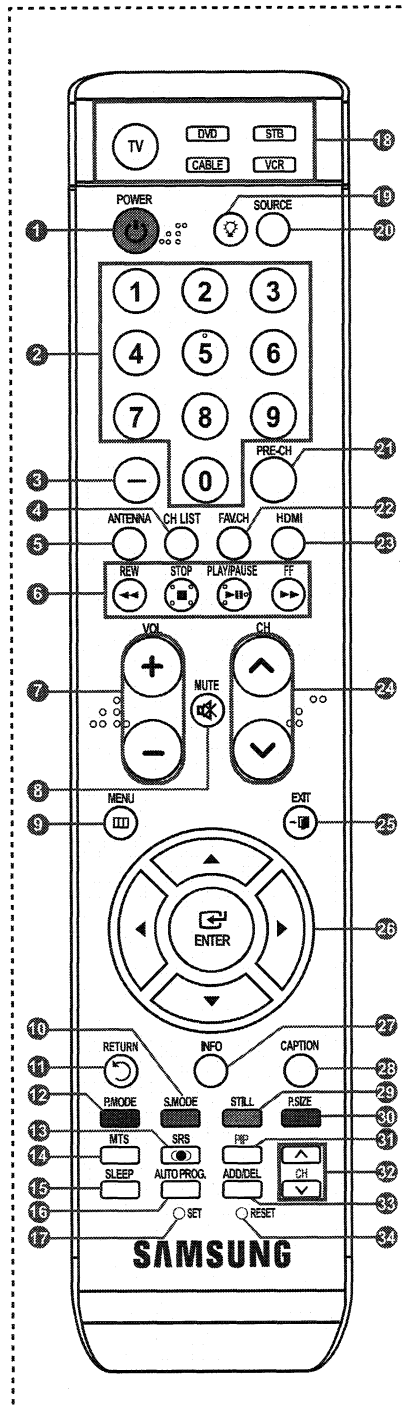


Remote Control

You can use the remote control up to a distance of 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, Cable box, DVD player, or Set-Top/Cable Box.

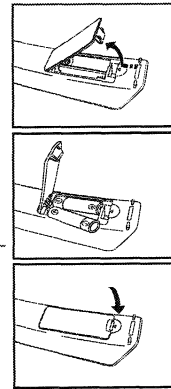
- 1 POWER**
Turns the TV on and off.
- 2 NUMERIC BUTTONS**
Press to change the channel.
- 3 -**
Press to select additional channels(digital and analog) being broadcast by the same station. For example, to select channel "54-3", press "54", then press "-" and "3".
- 4 CH LIST**
Used to display Channel Lists on the screen.
- 5 ANTENNA**
Press to select "AIR" or "CABLE".
- 6 VCR/DVD Functions**
- Rewind
- Stop
- Play/Pause
- Fast/Forward
- 7 VOL + / VOL -**
Press to increase or decrease the volume.
- 8 (MUTE)**
Press to temporarily cut off the sound.
- 9 MENU**
Displays the main on-screen menu.
- 10 S.MODE**
Press to select the sound mode.
- 11 RETURN**
Returns to the previous menu.
- 12 P.MODE**
Press to select the picture mode.
- 13 SRS**
Selects SRS TruSurround XT mode.
- 14 MTS**
Press to choose stereo, mono or Separate Audio Program (SAP broadcast).
- 15 SLEEP**
Press to select a preset time interval for automatic shut off.
- 16 AUTO PROG.**
Press to automatically store selected TV/Cable channels.
- 17 SET**
Sets the remote to control your TV, VCR, Cable, DVD, or Set-Top Box
- 18 TV, DVD, STB, CABLE, VCR**
Press to operate your TV, DVD, STB, CABLE (box), or VCR (see pages 17-21.)
- 19** When pressing this button, a number of buttons on the remote control (e.g. TV, DVD, STB, CABLE, VCR, VOL and CH buttons) light up for a few seconds and then turn off to save power. This function is convenient for using the remote at night or when dark.
- 20 SOURCE**
Press to display all of the available video sources.
- 21 PRE-CH**
Tunes to the previous channel.
- 22 FAV.CH**
Press to switch to your favorite channels.
- 23 HDMI**
Selects the HDMI mode directly.
- 24 CH / CH**
Press to change channels.
- 25 EXIT**
Press to exit the menu.
- 26 UP / DOWN / LEFT / RIGHT / ENTER**
Use to select on-screen menu items and change menu values.
- 27 INFO**
Press to display information on the TV screen.
- 28 CAPTION**
Controls the caption decoder.
- 29 STILL**
Press to stop the action during a particular scene. Press again to resume normal video.
- 30 P.SIZE**
Picture size selection.
- 31 PIP**
Picture-in Picture ON/OFF.
- 32 CH ^ / v**
Displays the available channels in sequence. (These buttons change channels in the PIP window only.)
- 33 ADD/DEL**
Use to store and delete channels to/from memory.
- 34 RESET**
When your remote does not work, change the batteries and press the RESET button for 2-3 seconds before use.



- This is a special remote control for the visually impaired, and has Braille points on the Power, Channel, STOP, PLAY/PAUSE and Volume buttons.
- The performance of the remote control may be affected by bright light.

Installing Batteries in the Remote Control

1. Lift the cover at the back of the remote control upward as shown in the figure.
 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.
 - > Remove the batteries and store them in a cool, dry place if you won't be using the remote control for a long time.
- The remote control can be used up to about 23 feet from the TV.
(Assuming typical TV usage, the batteries should last for about one year.)



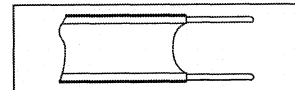
> **If the remote control doesn't work, check the following:**

1. Is the TV power on?
2. Are the plus and minus ends of the batteries reversed?
3. Are the batteries drained?
4. Is there a power outage, or is the power cord unplugged?
5. Is there a special fluorescent light or neon sign nearby?

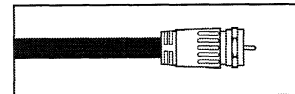
Connections

Connecting VHF and UHF Antennas

If your antenna has a set of leads that look like the diagram to the right, see "Antennas with 300 Ω Flat Twin Leads" below.



If your antenna has one lead that looks like the diagram to the right, see "Antennas with 75 Ω Round Leads".

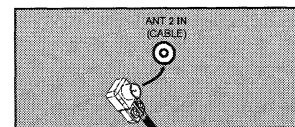
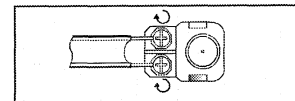


If you have two antennas, see "Separate VHF and UHF Antennas".

Antennas with 300 Ω Flat Twin Leads

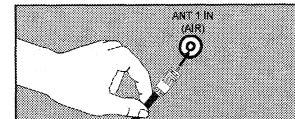
If you are using an off-air antenna (such as a roof antenna or "rabbit ears") that has 300 Ω twin flat leads, follow the directions below.

1. Place the wires from the twin leads under the screws on a 300-75 Ω adaptor (not supplied).
Use a screwdriver to tighten the screws.
2. Plug the adaptor into the ANT 2 IN (CABLE) terminal on the back of the TV.



Antennas with 75 Ω Round Leads

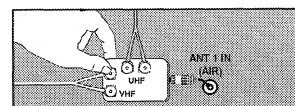
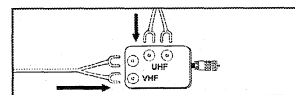
1. Plug the antenna lead into the ANT 1 IN (AIR) terminal on the back of the TV.



Separate VHF and UHF Antennas

If you have two separate antennas for your TV (one VHF and one UHF), you must combine the two antenna signals before connecting the antennas to the TV. This procedure requires an optional combiner-adaptor (available at most electronics shops).

1. Connect both antenna leads to the combiner.
2. Plug the combiner into the ANT 1 IN (AIR) terminal on the bottom of the rear panel.



Setting Up Your Remote Control

After the television has been set up properly, your remote control can operate in five different modes: TV, DVD, Cable, Set-Top Box, VCR. Pressing the corresponding button on the remote control allows you to switch between these modes, and control whichever piece of equipment you choose.

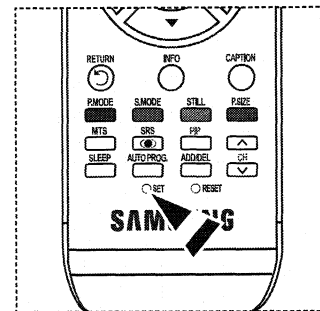
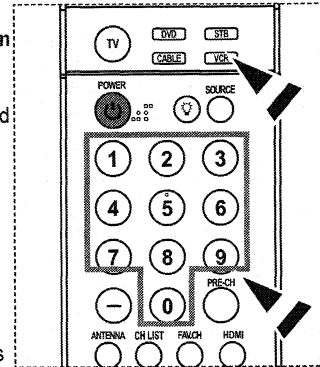
- > The remote control might not be compatible with all DVD Players, VCRs, Cable boxes, and Set-Top Boxes.

Setting Up the Remote to Operate Your VCR

1. Turn off your VCR.
2. Press the **VCR** button on your TV's remote control.
3. Press the **SET** button on your TV's remote control.
4. Using the number buttons on your remote control, enter three digits of the VCR code listed on page 19 of this manual for your brand of VCR. Make sure you enter three digits of the code, even if the first digit is a "0". (If more than one code is listed, try the first one.)
5. Press the **POWER** button on the remote control. Your VCR should turn on if your remote is set up correctly.

If your VCR does not turn on after set up, repeat steps 2, 3, and 4, but try one of the other codes listed for your brand of VCR.
If no other codes are listed, try each VCR code, 000 through 080.

- > **Note on Using Remote Control Modes: VCR**
When your remote control is in "VCR" mode, the volume buttons still control your TV's volume.

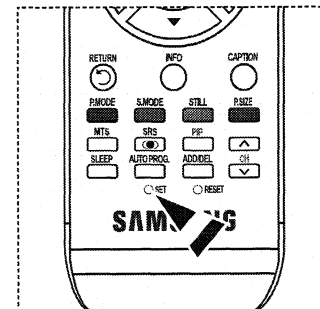
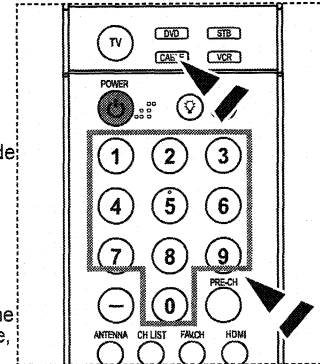


Setting Up the Remote to Operate Your Cable Box

1. Turn off your cable box.
2. Press the **CABLE** button on your TV's remote control.
3. Press the **SET** button on your TV's remote control.
4. Using the number buttons on your remote control, enter three digits of the cable box code listed on page 20 of this manual for your brand of cable box. Make sure you enter three digits of the code, even if the first digit is a "0". (If there is more than one code listed, try the first one.)
5. Press the **POWER** button on the remote control. Your cable box should turn on if your remote is set up correctly.

If your cable box does not turn on after set up, repeat steps 2, 3, and 4, but try one of the other codes listed for your brand of cable box. If no other codes are listed, try each code, 000 through 046.

- > **Note on Using Remote Control Modes: Cable Box**
When your remote control is in "CABLE" mode, the volume buttons still control your TV's volume.



Setting Up the Remote to Operate Your DVD

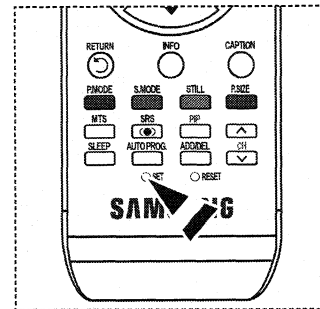
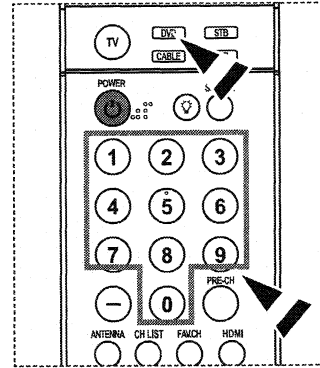
1. Turn off your DVD.
2. Press the **DVD** button on your TV's remote control.
3. Press the **SET** button on your TV's remote control.
4. Using the number buttons on your remote control, enter three digits of the DVD code listed on page 20~21 of this manual for your brand of DVD.
Make sure you enter three digits of the code, even if the first digit is a "0".
(If there is more than one code listed, try the first one.)
5. Press the **POWER** button on the remote control.
Your DVD should turn on if your remote is set up correctly.

If your DVD does not turn on after set up, repeat steps 2, 3, and 4, but try one of the other codes listed for your brand of DVD.

If no other codes are listed, try each code, 000 through 141.

➤ Note on Using Remote Control Modes: DVD

When your remote control is in "DVD" mode, the volume buttons still control your TV's volume.



Setting Up the Remote to Operate Your STB

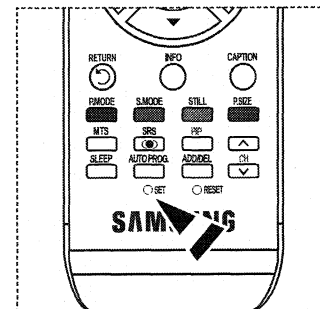
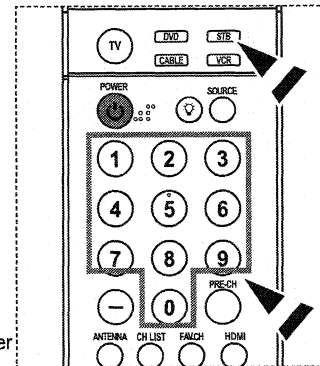
1. Turn off your STB.
2. Press the **STB** button on your TV's remote control.
3. Press the **SET** button on your TV's remote control.
4. Using the number buttons on your remote control, enter three digits of the STB code listed on page 21 of this manual for your brand of STB.
Make sure you enter three digits of the code, even if the first digit is a "0".
(If there is more than one code listed, try the first one.)
5. Press the **POWER** button on the remote control.
Your STB should turn on if your remote is set up correctly.

If your STB does not turn on after set-up, repeat steps 2, 3 and 4, but try one of the other codes listed for your brand of STB.

(If no other codes are listed, try each code, 000 through 074.)

➤ Note on Using Remote Control Modes: STB

When your remote control is in "STB" mode, the volume buttons still control your TV's volume.



Remote Control Codes

> VCR

Brand	Code
SAMSUNG	000 001 002 003 004 005 077 078 079
ADMIRAL	020
AIWA	025
AKAI	004 027 032
AUDIO DYNAMICS	007 026
BELL&HOWELL	018
BROKSONIC	022
CANDLE	002 003 006 008 015 055
CANON	021 056
CITIZEN	002 003 006 008 015 055
COLORTYME	007
CRAIG	002 024
CURTIS MATHES	002 007 008 017 021 025 056 064 066
DAEWOO	003 010 011 012 013 014 015 016
DB	007 026
DIMENSIA	017
DYNATECH	025
ELECTROHOME	034
EMERSON	001 003 006 021 022 025 030 032 034 040 047 050 052 060 063 065 066 067 069 073
FISHER	018 024 028 029 048 051 061
FUNAI	025
GENERAL ELECTRIC	002 005 017 021 056
GO VIDEO	002
HARMAN KARDON	007
HITACHI	019 025 041 042 074
INSTANT REPLAY	021
JC PENNEY	002 007 018 019 021 026 037 041 054 056
JCL	007 008 018 021 026 037
JVC	081 082 083
KENWOOD	007 008 018 021 026 037
KLH	070
KONIA	036
LG(Goldstar)	006 007 008 009 010
LLOYD	025
LOGIK	038
LXI	025
MAGNAVOX	021 056 059
MARANTZ	007 008 018 021 026 037 062
MARTA	006
MEI	021
MEMOREX	006 021 024 025
MGA	034
MIDLAND	005
MINOLTA	019 041 075
MITSUBISHI	019 034 041 046

Brand	Code
MONTGOMERY WARD	020
MTC	002 025
MULTITECH	002 005 025 038
NEC	007 008 018 026 037 062 064
OPTIMUS	020
ORION	073 074 075 076
PANASONIC	021 056 071 072
PENTAX	019 041 075
PENTEX RESEARCH+	008
PHILCO	021 056 059
PHILIPS	021 080
PIONEER	019 026 039 053
PORTLAND	015 049 055
PROSCAN	017
QUARTZ	018
QUASAR	021 056
RADIO SHACK/ REALISTIC	006 018 020 021 024 025 029 034 048 056
RCA	002 017 019 021 035 041 043 057 068 076
SANSUI	026
SANYO	018 024
SCOTT	003 047 052 067
SEARS	006 018 019 024 028 029 041 048 051
SHARP	020 034 045 015
SHIMTOM	027 033 038 058
SIGNATURE	025
SONY	027 033 044
SYLVANIA	021 025 056 059
SYMPHONIC	025
TANDY	018 025
TASHIKA	006
TATUNG	037
TEAC	025 037 068
TECHNICS	021
TEKNIKA	006 021 025 031
TMK	066
TOSHIBA	003 019 029 051 052
TOTEVISION	002 006
UNITECH	002
VECTOR RESEARCH	007 026
VICTOR	026
VIDEO CONCEPTS	007 026
VIDEOSONIC	002
WARDS	002 003 006 019 020 021 024 025 034 038 041
YAMAHA	007 008 018 026 037
ZENITH	023 027 033