

UNIVERSAL REMOTE CONTROL OPERATIONS

Once the power cord has been plugged in, you can use the remote control to operate TV functions up to 33 feet away from the TV.

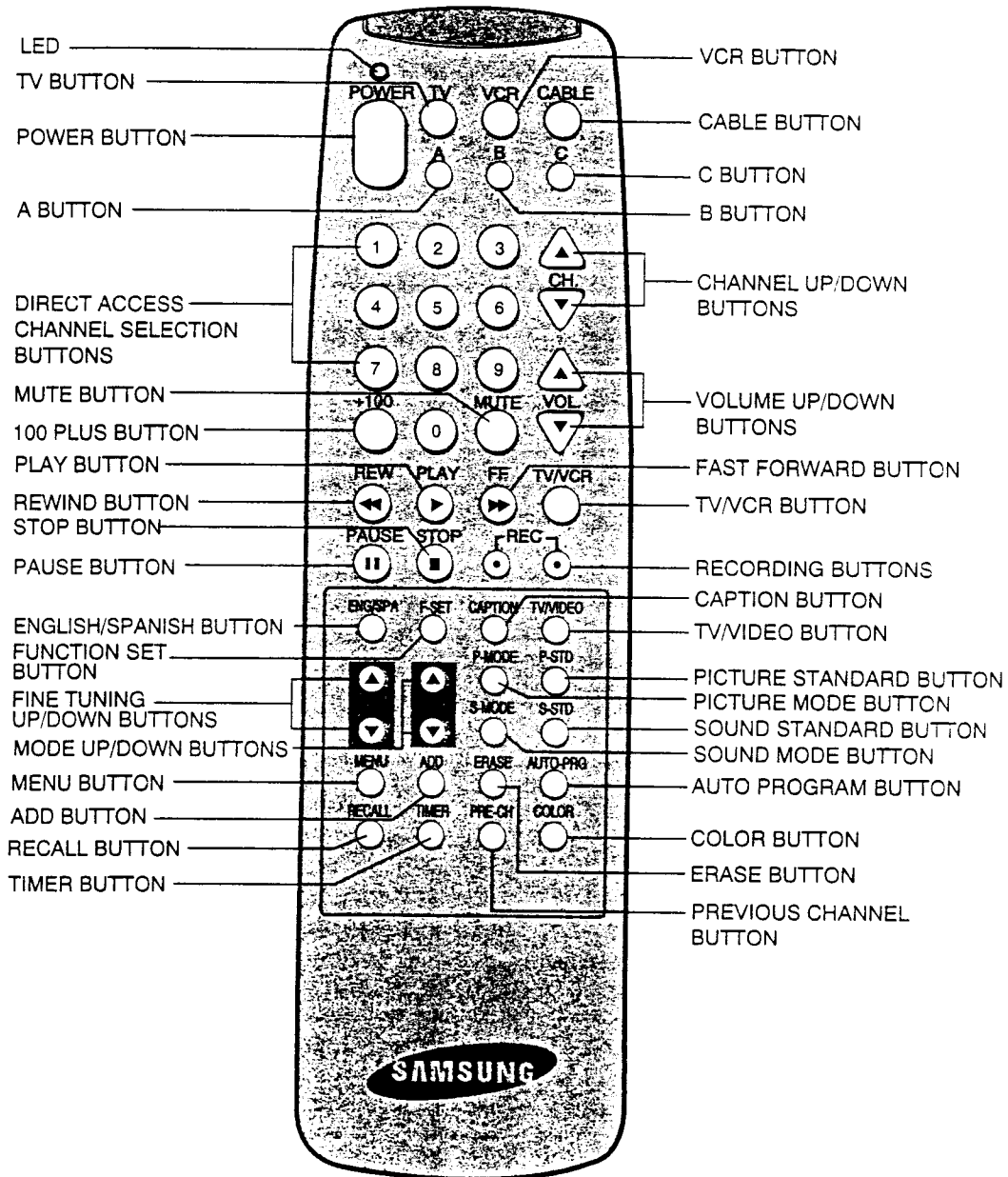
(This remote control operate only SAMSUNG TV.)

1. Press the power button.
2. Select the desired channel by pressing the

channel up/down buttons, or direct access channel select buttons.

When turning off the TV with the remote control unit, the channel and volume settings will remain the same the next time the TV is turned on.

3. Adjust the sound volume with the volume up/down buttons.



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LED

This LED will blink *red* during operation of the Universal Remote Control

POWER BUTTON

Press this button to turn the TV on or off.

TV BUTTON

Press this button to control the TV.
(Only SAMSUNG TV)

VCR BUTTON

Press this button to control the VCR.
(Any VCR you have.)

CABLE BUTTON

Press this button to control the CABLE BOX.
(Any CABLE BOX you have.)

A,B, AND C BUTTONS

These buttons are used to set up this Universal Remote Control Unit.
Refer to page 19.

DIRECT ACCESS CHANNEL SELECTION AND 100 PLUS BUTTONS

Use these buttons to select the individual channels manually.
For example, to select the channel 2, press "0", "2", for channel 120 selection, press "+100", "2", "0".

MUTE BUTTON

Use this button to mute the sound to an instant silence. This is very useful during telephone calls or other interruptions. To restore sound, press this button again or press the volume up/down buttons. When you press this button, the word "MUTE" appears on the screen.

CHANNEL UP/DOWN BUTTONS

When the channel up button is pressed, the channels are increased numerically.
When the channel down button is pressed, the channels are decreased.

VOLUME UP/DOWN BUTTONS

To increase the sound, press the volume up button. To decrease, press the volume down button.

REW (REWIND) BUTTON

When the VCR is in the STOP mode, press the REW button to rewind the tape. When the VCR is in the PLAY mode, press the REW button for high-speed reverse picture search. Press the PLAY or REW button to resume normal playback. Press and hold the REW button for Jet Search. Release the REW button to resume normal playback.

PLAY BUTTON

Press the PLAY button to play back prerecorded tapes.

FF (FAST FORWARD) BUTTON

When the VCR is in the STOP mode, press the FF button to forward the tape. When the VCR is in the PLAY mode, press the FF button for high-speed forward picture search. Press the PLAY or FF button to resume normal playback. Press and hold the FF button for Jet Search. Release the FF button to resume normal playback.

TV/VCR BUTTON

Determines what is viewed on the TV.
Press this button to watch TV programs.
Press this button again for VCR selection to watch tapes or check recordings.

PAUSE BUTTON

Press this button to stop the tape temporarily. During playback a still picture is seen. Press the PLAY or PAUSE button to continue. During record, recording is stopped. Press the REC button to continue recording.

STOP BUTTON

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

REC (RECORDING) BUTTONS

If you want to record with your VCR, press the two REC buttons at the same time.

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ENG/SPA (ENGLISH/SPANISH) BUTTON

This TV set has the ENGLISH and SPANISH OSD (On Screen Display) languages. You can select the preferable language by pressing this button.

FUNCTION SET BUTTON

Refer to page 14.

CAPTION BUTTON

Press this button to view closed captions that are broadcast with some television programs.

Refer to page 18.

TV/VIDEO BUTTON

Each press of this button changes the video mode.

As follow : TV → VIDEO1 → VIDEO2 → S-VIDEO
→ TV

FINE TUNING UP/DOWN BUTTONS

Press the fine tuning up button to adjust the tuning frequency higher or the fine tuning down button to adjust the tuning frequency lower.

MODE UP/DOWN BUTTONS

The mode up/down buttons change the value of each particular feature activated (picture or sound mode) by increasing or decreasing the feature's value as desired. The value change is indicated by an on screen dot graph which shows an increasing red dot graph as the mode up button is activated or a decreasing red dot graph as the mode down button is activated.

PICTURE MODE BUTTON

This button functions as the picture mode adjustment.

Refer to page 13.

SOUND MODE BUTTON

This button functions as the sound mode adjustment.
Refer to page 13.

PICTURE-STANDARD/SOUND-STANDARD

Press the P-STD button to change the picture mode from STANDARD to THEATER to FAVORITE.

The STANDARD and THEATER modes have picture conditions that are pre-set at the factory, and cannot be adjusted. To adjust the picture to meet your taste, press the P-MODE button for the picture mode levels you want to adjust, and set each level to meet your taste by pressing the MODE UP/DOWN buttons.

The S-STD and S-MODE buttons can be used to adjust sound modes in the same way.

See the tables below for the values of each mode as pre-set at the factory.

PICTURE STANDARD VALUE

MODE/PWM	CONTRAST	BRIGHT	SHARPNESS	COLOR	TINT
STANDARD	64	32	48	32	32
THEATER	48	32	32	32	32
FAVORITE	64	32	48	32	32

SOUND STANDARD VALUE

MODE/PWM	BASS	TREBLE	BALANCE
STANDARD	32	32	32
MOVIE	52	32	32
MUSIC	52	52	32
FAVORITE	32	32	32

MENU BUTTON

Refer to page 15.

ADD BUTTON

Press this button to add desired channels into the channel memory. Also used during menu functions to set the time, date, and month into the memory.

ERASE BUTTON

Press this button to erase unwanted channels from the channel memory. Also used to cancel mistakes made during the menu functions.

AUTO-PRG (AUTO-PROGRAM) BUTTON

Press this button and the set automatically tunes through the channels and selects the one's you receive in your area. It will cycle through all the stations. To stop the cycle, press this button again. After you use this feature, when you press the channel up or down button, you can go to the channels you receive in your area.

For example, suppose the stations in your area are channels 2,4,5,7,9,11, and 13. When you press the channel up or down button, you automatically tune these channels and none of the in-between, non-functioning channels.

Note: Be sure to attach your antenna before using AUTO-PROGRAM.

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RECALL BUTTON

Pressing this button will display the time, day of week, channel, date, and month on the TV's screen. Press this button again and the time, day of week, channel, date, and month display will disappear from the screen.

The time of day, date and month have to be set first in the Menu before they will be displayed by pressing the RECALL button.

TIMER BUTTON

The TIMER button is used to activate the ON TIME and OFF TIME at which the TV can automatically turn on and turn off.

Both the clock and at least one of the timers must be set before this button will work. See Menu driven functions page 15.

PRE-CH (PREVIOUS CHANNEL) BUTTON

Press this button to watch the previous channel. This function is useful when you monitor two channels.

COLOR BUTTON

Press this button to change the color of OSD (On Screen Display).

HOW TO SET UP THIS UNIVERSAL REMOTE CONTROL UNIT

It's as easy as A,B,C ... 1, 2, 3!

1. Look up the code number of your VCR (or CABLE BOX) in the Code Sheet in this manual. You will find it first by manufacturer, then by code number. Here is the RCA VCR listing, for example :
(If you press an unsuitable button by mistake, press the POWER button to set up again.)

2. Press:

VCR → A → B → C → 0 → 4 → 2

3. When the LED blinks **red** twice, you're locked in. Now, to be in complete control of your VCR, aim and press the POWER button.

4. Repeat these easy steps for your other devices, but substitute the appropriate device button(VCR or CABLE button).
For example:

VCR → A → B → C → 0 → 4 → 2 (RCA VCR)
CABLE → A → B → C → 0 → 1 → 4 (Jerrold 450)

5. If the 3-digit code you choose does not operate your device, check the other codes listed in the set-up code section of this manual for your particular brand of VCR, or Cable box.
6. If your device still does not respond, then please follow the next steps.

IF YOUR DEVICE DOES NOT RESPOND

Try all the code numbers for your manufacturer's device. Or you can search the library. The correct control codes may already be in your Universal Remote Control, but listed under a different manufacturer. Sometimes manufacturers will put their brand name on products made by others.

The Universal Remote Control gives you an opportunity to search the entire library of devices to find yours.

To start the Search process for your VCR, for example:

1. Turn on the VCR.
2. Aim the Universal Remote Control at your VCR.
3. Press: **A → B → VCR → C → POWER**
Note: Some devices do not have power remote buttons, so use the **PLAY** button to identify your device.
Press: **A → B → VCR → C → PLAY**
4. Alternate between **C** and **POWER** until the device turns off.
Note: You may have to repeat the **C → POWER** sequence up to 20 or even 30 times, so be patient. It only takes a moment.
5. Then just press **A** and you're locked in.
IMPORTANT - When it does respond, don't forget to press the **A** button to lock in your device.

6. Repeat this procedure for your other devices but substitute the appropriate device button.

Press: **A → B → VCR → C → POWER**
(for your VCR)
A → B → CABLE → C → POWER
(for your cable box)

7. To find your device in the Code Sheet, press the **A** button and the Device button(VCR, or CABLE). The LED will blink **red** 2 times. Now press "1" and count the **red** blinks. This corresponds to the first digit on the left ("hundreds"). Then press "2" to count the blinks representing the middle digit ("tens"). Finally press "3" to get the last digit on the right ("ones"). This is the three digit code of your VCR. Just look it up in the Code Sheet. The only special number is the "ZERO". If you press the 1,2, or 3 button and **no blinks** occur that means "ZERO".

ADDITIONAL CAPABILITIES

How to Add a Second Device

If you want, you can assign a second VCR or cable box to any of the other unassigned device button. Just press these buttons in order (from left to right):

A → B → C → 9 → 9 → 9
 → (FROM DEVICE) → (TO DEVICE)

Note: Code number 999 alerts the Universal Remote Control that a second device is being added.

For example, to place a second VCR onto the cable device button:

Press: **A → B → C → 9 → 9 → 9**
 → **CABLE → VCR**

Now just set up your second VCR the way you set up your first.

Punch-Thru

Punch-Thru allows you to operate several devices simultaneously without having to repeatedly change device buttons.

Most other universal remotes require switching between devices to control frequently used features. The Universal Remote Control eliminates this annoyance. While watching cable, you have access to the TV volume, the most frequently used feature. While playing a movie on the VCR, TV volume is again right at your fingertips.

If the last device button you pressed was ...

You Can Control

CABLE	TV	Volume Up/Down, Mute
	VCR	Play, Pause, FF, REW, REC, TV/VCR
TV	VCR	Play, Pause, FF, REW, REC, TV/VCR
VCR	TV	Volume Up/Down, Mute

IF YOU HAVE TROUBLE ...

You can't seem to get the Universal Remote Control to operate your device.

1. Try all the codes listed under the manufacturer of your device in the Code Sheet.
2. Try searching the library. Step through it all. Make sure that when you press POWER or PLAY button you are aiming the Universal Remote Control at your device. The libraries are large, so please be patient as you scan through each.

Your VCR (or Cable Box) responds to some of the commands, but they cause the wrong thing to happen.

Unfortunately, many devices use very similar remote control codes. While searching the library, you may have locked onto a similar code for which some commands work okay, but others don't. This is easy to cure.

Simply start the *library search* cycle over again. Keep progressing through the library until you discover the code that is completely correct.

NOTICE

The TV code is set with **060** from the factory. If the Universal Remote Control does not operate on the TV, input the code number **060**.
(060 : SAMSUNG TV CODE NUMBER)

Press:

TV → A → B → C → 0 → 6 → 0

CODE SHEET

SET-UP CODE FOR SAMSUNG TV

Samsung 060

SET-UP CODES FOR CABLE BOX

ABC	007, 011, 013, 017, 008
Antronix	207
Archer	207
Comtronics	040
Eastern	002
Eagle Comtronics	040
General Instruments	011
Gemini	015
Hamlin	009, 020, 034, 259, 273
Hitachi	011
Jerrold	003, 011, 014, 015, 047, 098
Memorex	000
Oak	007, 019, 248
Paragon	000
Pulsar	000
Pioneer	005, 023, 144, 260
nasonic	021, 107
regency	002
Regal	020, 259, 273, 279
RCA	021
Realistic	207
Starcom	003, 015, 047, 098
Samsung	005, 040, 144
Scientific Atlanta	006, 008, 017, 277
Signature	011
Stargate	015, 040
Sprucer	021, 307
Signal	040
SL Marx	040
Toshiba	000
Tocom	012, 013, 059
Texscan	096
TeleCaption	221
Tandy	258
United Cable	003
United Artists	007
Universal	207
Unika	207
Viewstar	258
Zenith	000, 054

CODE SHEET

SET-UP CODES FOR VCR

Aiwa	000
Akai	041, 049, 053, 061, 106, 242
Broksonic	121, 184, 211
Capehart	020
Canon	035
Curtis Mathes	035
Craig	047, 240, 271
Dynatech	000, 048
Daewoo	017, 020, 045, 087, 278
Daytron	020
Emerson	000, 002, 036, 037, 061, 068, 088, 121, 184, 208, 209, 211, 212
Funai	000
Fisher	047, 054, 066, 104
Goldstar	018, 037, 038
GE	035, 060, 065
Hitachi	000, 041, 042, 065, 105, 166, 235
Harman/Kardon	038, 075
JCL	035
JVC	041, 067, 206
Jensen	041
Kenwood	041, 046, 067
Lloyd	000
LXI	037
Logik	072
Memorex	000, 035, 037, 039, 047, 048, 104
MTC	000, 240
Multitech	000, 072
MEI	035
Magnavox	035, 081, 103, 110, 149
Marantz	035, 038, 081, 161
Marta	037
Minolta	042, 105
MGA	043, 061
Mitsubishi	061, 075, 173, 214, 242
Mitsubishi Unified	043
NEC	038, 040, 041, 050, 067
NAD	058
Optonica	048, 062
Portlånd	020
Panasonic	035, 227
Penney	035, 038, 040, 042, 240
Philco	035
Philips	035, 062, 081, 110
Pilot	037

CODE SHEET

SET-UP CODES FOR VCR

Pulsar	039
Pentax	042, 065, 105
Pioneer Unified	058, 067
Quasar	035, 096
Quartz	046, 155
Realistic	000, 035, 037, 046, 047, 048, 062, 066, 104, 240
Ricoh	034
RCA	035, 042, 065, 105, 149, 202
RCA Unified	060
Symphonic	000
Sony	011, 032, 033, 034, 035
Sears	035, 037, 042, 046, 047, 054, 066, 104, 105
Sylvania	035, 043, 110
Sansui	041, 067, 271
STS	042
Samsung	045, 051, 053, 240
Sanyo	046, 047, 104
Sharp	048, 062
Scott	072
Scott	121, 184, 210, 212
Tandy	000, 104
Teac	000, 041
Teknika	000, 035, 037, 052
Technics	035
TMK	036
Totevision	037, 240
Tatung	041
Toshiba	043, 045, 066, 210, 212
Unitech	240
Vector Research	038, 040
Video Concepts	040, 061, 221
Victor	067
Videosonic	240
Wards	000, 035, 042, 047, 048, 062, 072, 149, 212, 240
Yamaha	038, 041
Zenith	033, 034
Zenith Unified	039