

USING AUTOMATIC AND MANUAL CHANNEL PROGRAMMING

When you turn on the TV for the first time, use the automatic channel programming feature to scan and memorize all active broadcast and cable channels in your area. If there are additional channels you want or channels you do not want, you can manually add or delete them.

USING AUTOMATIC PROGRAMMING

1. Select either the TV or CATV mode by pressing TV/CATV/AV.
2. Press SET UP. The set-up menu appears on the screen.

Note: You can press A.PROG (Auto Program) on the front panel, instead of SET UP on the remote control.

3. Press 4 to select AUTO PROGRAM. The TV starts memorizing active channels and skipping inactive channels.

Manually Adding a Channel

Follow these steps to add a channel that was not stored during automatic programming.

1. Select either the TV or CATV mode.
2. Use the remote control's number buttons to select the channel you want to add.
3. Press SET UP.
4. Press 5 to select CH MEMORY ON.
5. Press SET UP to exit the menu.

Manually Deleting a Channel

If the TV stored a channel you do not want, follow these steps to delete the channel from memory.

1. Select either the TV or CATV mode.
2. Use - CHANNEL + or the remote control's number buttons to select the channel you want to erase.
3. Press SET UP.
4. Press 5 to select CH MEMORY OFF.
5. Press SET UP to exit the menu.

USING AUTO SLEEP

With AUTO SLEEP set to ON, the TV automatically turns off after 10 minutes

of no broadcasts. But, if the VCR is operating, AUTO SLEEP does not function.

1. Press SET UP.
2. Press 1 to set AUTO SLEEP to ON.
3. Press SET UP to exit the menu.

ADJUSTING THE PICTURE

Follow these steps to adjust the picture's contrast, brightness, tint, color intensity, and sharpness.

1. Repeatedly press PICTURE until the item you want to adjust appears.
2. Press - or + on the remote control to adjust the level, according to the following chart.

Control Adjustment		Control Button	
		-	+
CONTRAST	To adjust picture contrast	Darker	Lighter
BRIGHTNESS	To adjust picture brightness	Darker	Brighter
TINT	To adjust flesh tone tints	Reddish	Greenish
COLOR	To adjust color intensity	Lighter	Deeper
SHARPNESS	To adjust picture sharpness	Softer	Sharper

SETTING THE SLEEP TIMER

The sleep timer automatically turns off the television after the selected time period-00, 90, 80, ..., 20, 10 or 5 minutes.

To set the sleep timer, repeatedly press SLEEP until the desired time period appears on the screen.

Wait a few seconds for the screen to automatically clear. The timer begins to count down from the selected number of minutes.

Notes: To view the remaining sleep time, press SLEEP once.

To cancel the sleep timer, repeatedly press SLEEP until the display shows SLEEP 00.

TIMER FUNCTIONS

SETTING THE CLOCK

The clock uses a 12-hour format (you must set AM or PM). The buttons for setting the clock are on the remote control.

Notes: If you accidentally press a wrong digit, repeatedly press CLR/MON until the incorrectly digit flashes. Then enter the correct digit.

While you are setting the clock, the display prompts you for information step by step.

If you enter an illogical time or date (for example, 13 for the month), ? appears on TV screen.

Always press 0 before single-digit minutes, hours, days and months.

Follow these steps to set the clock.

1. Press MENU to display the function menu.
2. Press 1 to set the clock.
3. Press two number buttons to set the hour, and two more for the minutes (for example. 0 5 3 0 for 05:30).
4. Press 1 for AM or 2 for PM.
5. Set the date by pressing six digits for the month, day and year (for example 0 3 0 1 9 4, for March 1, 1994). The day of the week automatically appears after you enter all six digits for the date.
6. Press MENU to start the clock. The display returns to the function menu.
7. Press MENU again to exit the menu.

Note: The clock's memory clears if the TV/VCR is without power for about an hour.

SETTING THE ON TIMER

You can use the ON TIMER to automatically turn on your TV at a preset time and channel.

Note: The ON TIMER functions only when the clock is set correctly.

1. Press MENU to display the function menu.
2. Press 6 to set the ON TIMER.
3. Select the time you want the TV to turn on by pressing two number buttons for the hour and two more for the minutes (for example, 0 8 3 0 for 08:30).
4. Press 1 for AM or 2 for PM.
5. Select the channel by pressing two digits (for example, 08 for channel 8).

6. Press 1 for EVERY (every day) or 2 for ONCE (one time).
7. Press MENU to return to the function menu.
8. Press MENU again to exit the menu, then turn off the TV.

To cancel the ON TIMER, press CLR/MON at the hour prompt in Step 3.

SETTING THE OFF TIMER

You can use the OFF TIMER to automatically turn off your TV at a preset time.

Note: The OFF TIMER Functions only when the clock is set correctly.

1. Press MENU to display the function menu.
2. Press 7 to set the OFF TIMER.
3. Set the time you want the TV to turn off by pressing two number buttons for the hour and two more for the minute (for example, 1 1 3 0 for 11:30).
4. Press 1 for AM or 2 for PM.
5. Press 1 for EVERY (every day) or 2 for ONCE (one time).
6. Press MENU to return to the function menu.
7. Press MENU again to exit the menu.

To cancel the OFF TIMER, press CLR/MON at the hour prompt in Step 3.

USING CLOSED CAPTIONING

The closed captioning function translates the audio portion of a television program into written words that appear on the television screen in a form similar to subtitles. Closed captioning allows viewers to read the dialogue and narration of television programs.

Caption Tips

Not all TV broadcasts include closed caption signals. Check your local programming guide.

TV stations can transmit two different caption services simultaneously.

Caption signals are secondary digital signals mixed among the primary TV signals. Because they are secondary, caption reception can be poor in the following cases.

1. Poor reception conditions

The picture may flutter, drift, suffer from black spots or horizontal streaking. Usually caused by interference from automobile ignition system, neon lamps, electrical drills and other electrical appliances.

Ghosts:

Double images appears.

Ghosts are caused when the TV signals splits and follows two paths: the direct path and another reflected from a building, hill, or other object. Changing the direction or position of the antenna might improve the reception.

Snow:

Small dots in the picture.

If your receiver is located at the fringe area of a television station where the signal is weak, you might need to install a special antenna to improve the picture.

2. You are using an old, bad or illegally recorded tape in the VCR.
3. Strong, random signals from a car or plane interfere with the TV signal.
4. The signal from the antenna is weak.
5. The TV is not receiving digital caption signals. Your TV can only decode digital caption information.

Selecting the Caption Function and Mode

1. Press CAPTION so DECODE appears. Then press - or + on the remote control so the arrow points to ON.
2. Press CAPTION again so DECODER MODE appears. Press - or + so the arrow points to CAPTION.
3. TV stations can transmit two different captioning service simultaneously, each on its own separate MODE setting.

To change the mode setting, repeatedly press CAPTION until MODE SELECTION appears. Then press - or + so the arrow points to MODE 1 or MODE 2.

Notes:

To turn off captioning, press CAPTION repeatedly until DECODER appears. Select OFF by pressing - or +.

Closed captioning disappears when any on-screen displays appear.

If you record closed captioned programs, you must set DECODER to ON to see the captions during playback.

Your TV/VCR returns to the DECODER OFF mode when power is restored after a power loss.

USING THE TEXT FUNCTION

Text services give a wide variety of information on all kinds of subjects

(such as captioned program lists, weather forecasts, stock exchange topics, news for the hearing-impaired, general wire-service news, etc) through the full TV screen. If no text information is available, an empty black box appears on the screen.

Note: Not all stations offer text services, even through they might offer captioning.

Selecting Text

1. Press CAPTION so DECODER appears. Press - or + on the remote control so the arrow points to ON.
2. Press CAPTION again so DECODER MODE appears. Press - or + so the arrow points to TEXT.
3. TV stations can transmit two different text services simultaneously, each on its own separate MODE setting.

Notes: To turn off the text, press CAPTION repeatedly until DECODER appears. Select OFF by pressing - or +.

If you record text service information, you must set DECODER to ON and DECODER MODE back to TEXT to see the text during playback.

Your TV/VCR returns to the CAPTION mode when a tape is playing or when the power is restored after a power loss.

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