

GoldStar

VHS TVCR **OWNER'S MANUAL**

Before connecting, operating, or adjusting this product, please read this instruction booklet carefully and completely.

GCV1946M

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FEATURES

Your new TVCR has been designed and built to give you the very best in quality, features and performance. To fully enjoy all the features and functions of your TVCR, we recommend you read this Owners Manual carefully and thoroughly.



THIS VIDEO DECK IS A VHS TYPE RECORDER. FOR PROPER OPERATION, USE ONLY A VHS TYPE VIDEO CASSETTE.



VHS High Quality technology is incorporated in VCR's marked "HQ". This unit is compatible with conventional VHS VCR's.

WARNING:

Unauthorized recording of copyrighted programs, films, video tapes and other materials may infringe the right of copyright owners and be contrary to copyright laws.

This TVCR is a one-piece unit that combines a color monitor and a video cassette recorder. The **Trilingual On-Screen Display** lets you select English, Spanish or French as the on-screen language. With the supplied **Remote Control Unit**, you can operate the TVCR from a distance.

Your TVCR also includes these special features:

- **181 – Channel Tuning Capability** lets you select up to 68 VHF/UHF channels (2-69) and 125 cable channels (1-125).
- **Automatic Channel Programming** automatically stores in memory all the active channels in your area.
- **Programmable Sleep Timer** automatically turns off your TV after the time you set.
- **Programmable ON/OFF Timer** automatically turns on and off your TV at a set time.
- **Caption/Text Function** allows viewing of closed caption and text.
- **5 Program/1 Month Programmability** lets you program to make up to five unattended recordings within a 1-month period, including daily and weekly recordings.
- **Instant Timer Recording with Stand-by** records programs without using the program recording timer while you are away.
- **Auto Playback Function** automatically plays a cassette tape without safety tab.
- **Pause Frame Function** stops the tape and lets you view a single frame.
- **VHS Index Search System (VISS)** marks sections of tape so you can quickly and easily return to the section you want to watch.
- **Variable Tape Speed** lets you select SP(Standard Play) or EP(Extended Play) speed.

● **Writing Model And Serial Numbers**

The serial number and model number are found on the back of this unit. The serial number is unique to this unit. You should record requested information here and retain this guide as a permanent record of your purchase. Please retain your purchase receipt as your proof of purchase.

Date of Purchase _____
Dealer Purchased from _____
Dealer Address _____

Dealer Phone No. _____
Model No. _____
Serial No. _____

WARNING

 <p>This symbol should alert the user to the presence of "dangerous voltage" inside the product that might cause harm or electric shock.</p>	<p>CAUTION</p> <p>RISK OF ELECTRIC SHOCK DO NOT OPEN</p> <p>CAUTION : TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.</p>	 <p>This symbol should alert the user to important instructions in the literature.</p>
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Caution: Unauthorized changes or modifications by the user could void the user's authority to operate the equipment.

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.

SAFETY PRECAUTIONS

POWER SUPPLY : This set operates on 120V 60Hz, AC power only. Plug the AC power cord of the switched off set into the nearest AC power outlet.

If you do not know the AC voltage in your area, please consult your dealer before connecting your set, as incorrect voltage might damage your set.

Never connect the set to other than the specified voltage such as 50Hz or to direct current.

INSTALLATION : This set is designed to operate only from the power source indicated on the set. Care should be exercised in not exposing your unit to any unnecessary jarring, moisture, dust, direct sun light or other heat source.

The set should be placed in an area that minimizes the length of the antenna lead and power cord.

Allow a space between the set and the wall so that the chassis components are properly ventilated. Do not cover the ventilation slots on the top or back of the set or place the set on any soft material which could affect ventilation at the bottom of the set.

POLARIZED PLUG : This television set is equipped with a polarized plug (a plug having one blade wider than the other).

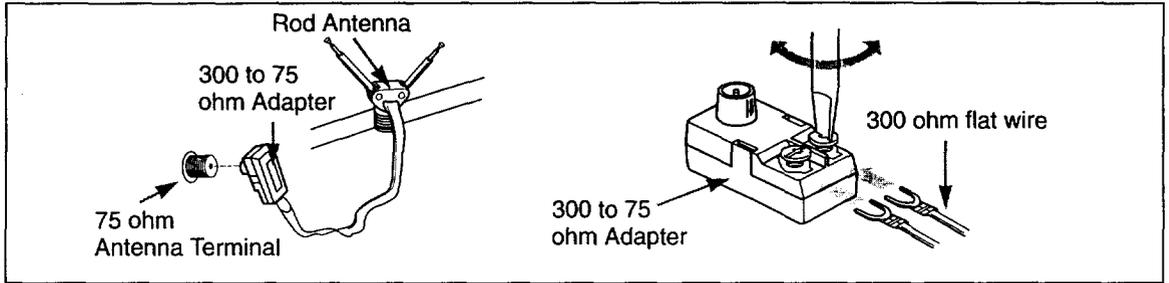
This plug will fit into the power outlet only one way. If you are unable to insert the plug fully into the outlet, try reversing the plug. Do not defeat the safety feature of the plug.

SERVICE : Do not attempt to service this television set yourself. Opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

NOTE TO CATV SYSTEM INSTALLER: This reminder is provided to call the CATV system installer's attention to Section 820-40 of the NEC which provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical.

ANTENNA CONNECTIONS

● Connecting an Indoor Antenna



1. Insert a rod antenna into the mounting hole located on the upper side of the television. Connect the 300 ohm flat wire to a 300 to 75 ohm antenna adapter.
2. Connect the 300 to 75 ohm antenna adapter to 75 ohm antenna terminal.

● Connecting an Outdoor Antenna

For the best reception, an outdoor antenna is recommended.

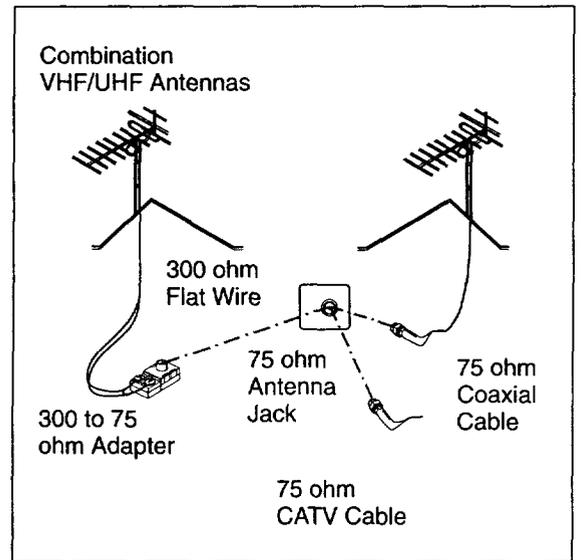
Severely weathered antennas and antenna cables can reduce the signal quality. Inspect the antenna and cables before connecting the TV set. A local service center can explain the various outdoor antennas which are available to you.

300 Ohm Flat Wire

1. Connect the 300 ohm flat wire to the screws on the 300 ohm to 75 ohm adapter.
2. Push the end of 300 ohm to 75 ohm adapter into 75 ohm antenna jack.

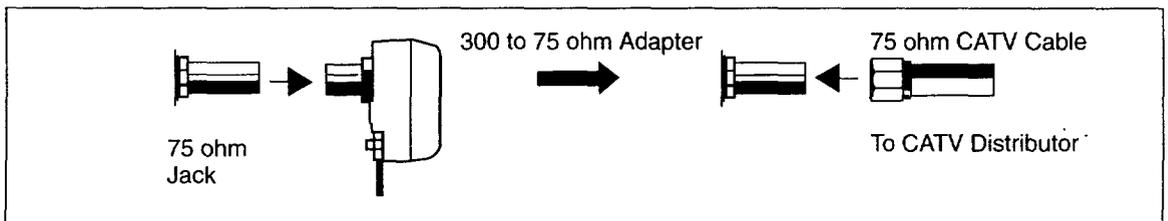
75 Ohm Coaxial Cable

1. Connect the 75 ohm coaxial cable directly to the 75 ohm antenna jack.



● Connecting a CATV Cable

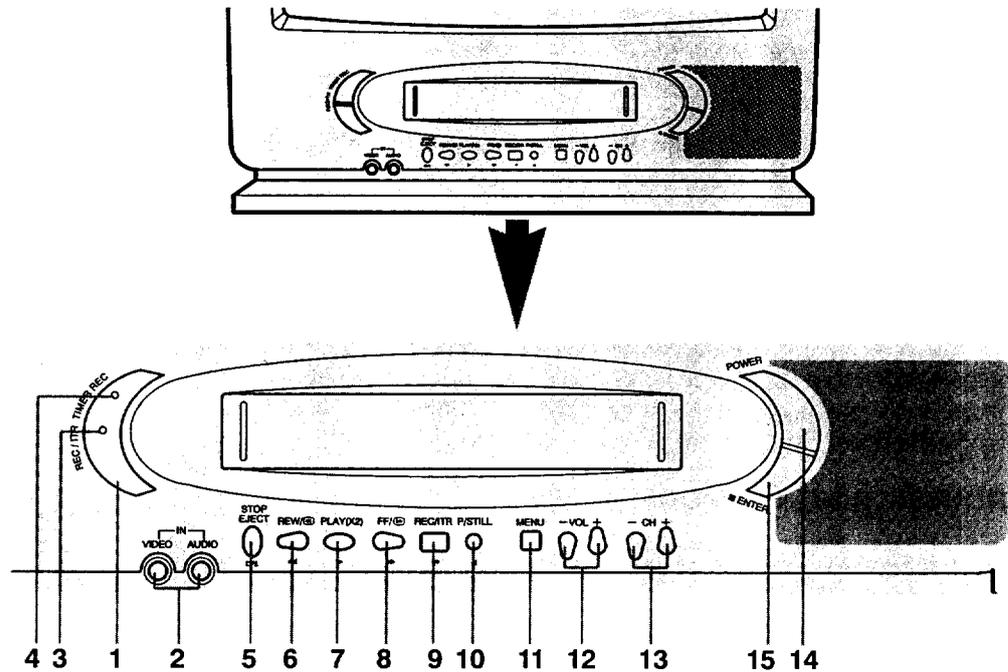
If you subscribe to a CATV system, change the antenna connection as described below.



1. Remove the 300 to 75 ohm adapter or the 75 ohm antenna cable from the set.
2. Connect the CATV cable (75 ohm coaxial cable) to the 75 ohm antenna jack.

DESCRIPTION OF CONTROLS

● Using the TV's Front Panel Controls



- 1. REMOTE CONTROL SENSOR**
- 2. INPUT JACKS**
- 3. REC/ITR INDICATOR**

This indicator lights when the unit is in the recording mode or is set to record Instant Timer.
- 4. TIMER REC INDICATOR**

Lights when the program timer is set.
- 5. STOP/EJECT BUTTON**

Press this button to stop playback mode and eject the cassette tape.
- 6. REW/⏮️ BUTTON**

Press the **REW** button during stop or playback mode, and fast rewinding starts. The state of operation displays on the TV screen.
- 7. PLAY/(x2) BUTTON**

Press this button to play back recorded video cassette tapes.
Press it twice to play back at twice normal speed.
- 8. FF/⏭️ BUTTON**

Press the **FF** button during stop or playback mode and fast forwarding start. This state of operation displays on the TV screen.
- 9. REC/ITR BUTTON**

Press the **REC** button to record a TV program or Instant Timer Recording.
- 10. P/STILL BUTTON**

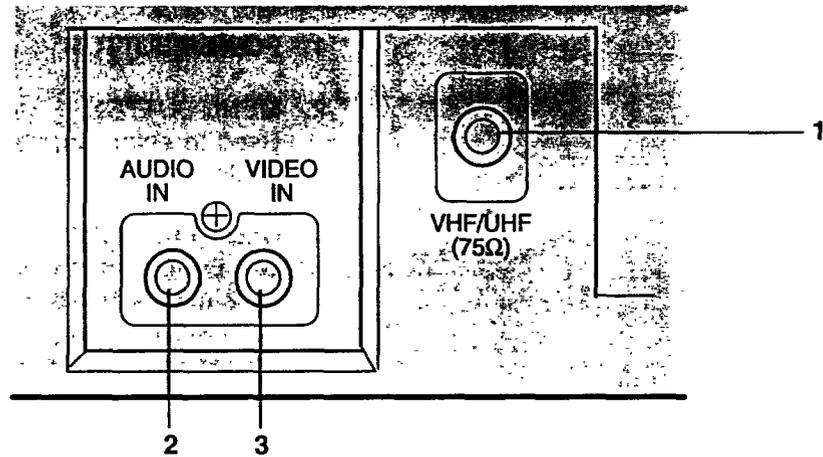
Used in the record or play mode to stop the tape. Press it to cut out un-wanted program material.
Press this button again to resume recording. Pressing this button during the playback mode will cause the tape to stop and display a still picture. Press the **PLAY /X2** button to resume normal playback.
- 11. MENU BUTTON**

Used to enter the on-screen programming mode.
- 12. - VOL + BUTTONS**
- 13. - CH + BUTTONS**
- 14. POWER BUTTON**

This button is used to operate the set.
Press this button to turn the set on.
Press again to turn the set off.
If the television is turned off in the AV mode, when it is turned back on, it will still be in the AV mode.
- 15. ■ ENTER BUTTON**

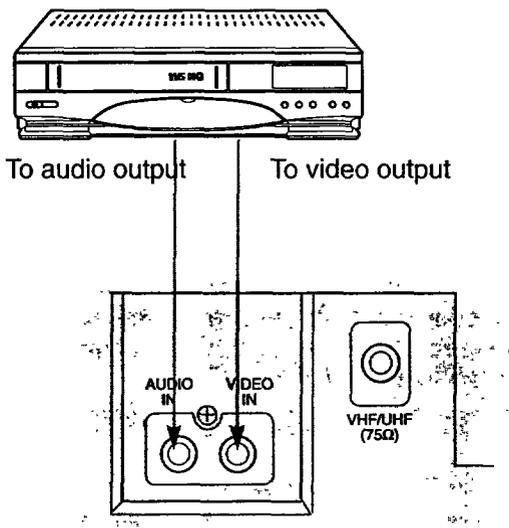
Press to display the set operation mode, tape counter, channel number, date, clock and tape speed.

● Using the TV's Back Panel Controls



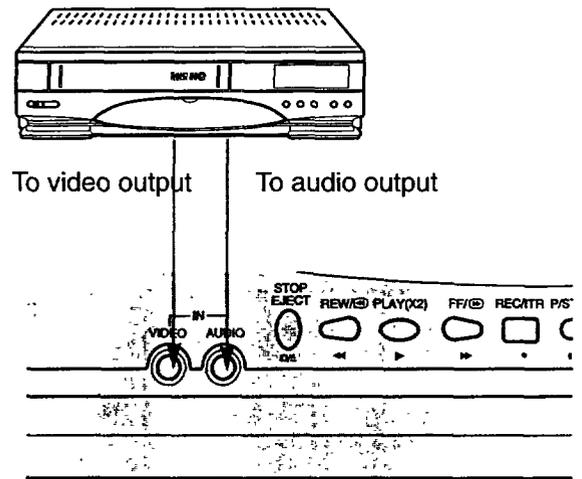
1. **ANTENNA INPUT JACK**
Connect the VHF/UHF Antenna or CATV cable to this jack.

- 2.3. **INPUT JACKS**
Connect external equipment outputs (VCR, LASERDISC, CAMCORDER) to these inputs.



Note: First press the **TV/AV** button until **AV** is displayed on the screen before connecting.

Note: You can connect the external equipment outputs to the INPUT jacks on the front panel as shown below.

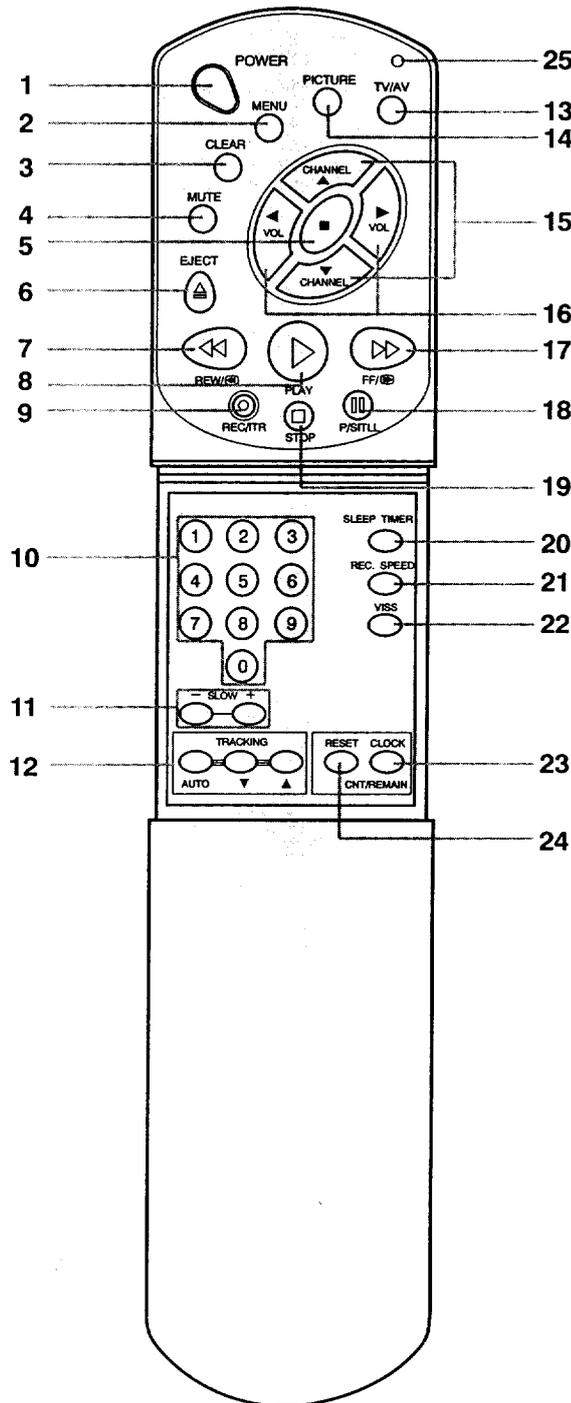
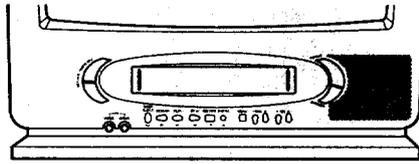


Note: When the input jacks on the front panel and back panel are connected to external equipments at the same time, the input jacks on the front panel are prior to them on the back panel of the TV.

DESCRIPTION OF CONTROLS

● Using the Remote Control

The remote control unit will not function properly if strong light strikes the sensor window or if there are obstacles between the remote control unit and the set.



1. POWER BUTTON

2. MENU BUTTON

Used to enter the on-screen programming mode.

3. CLEAR BUTTON

Use this button to erase the last digit, to go back during the data entry, or to cancel a program recording during checking the program timer recording.

4. MUTE BUTTON

If it is necessary to mute the sound, press this button. To cancel muting, press it again.

5. ■ (ENTER) BUTTON

Press to display the set operation mode, tape counter, channel number, date, clock and tape speed.

6. EJECT (▲) BUTTON

7. REW/◀ (⏮) BUTTON

8. PLAY/x2 (▶) BUTTON

Press this button to play back recorded video cassette tapes. Press it twice to play back at twice normal speed.

9. REC/ITR (⊙) BUTTON

Press this button to start recording or Instant Timer Recording.

10. NUMBER BUTTONS

Press these buttons to select channels. Numerical buttons (0-9) are used to select desired channels. Select any channel by pressing two buttons. (Press "0" and then "8" for channel 8).

11. — SLOW + BUTTONS

Shows a slow motion during playing back.

DESCRIPTION OF CONTROLS

12. AUTO TRACKING BUTTON

When playback is started, the auto tracking function begins normally if this button is not pressed. When this button is pressed after tracking has been adjusted manually, auto tracking operates again.

If there is some picture "NOISE" and streaks, adjust the TRACKING control by using the UP/DOWN buttons.

13. TV/AV BUTTON

Use this button to select TV or AV mode.

14. PICTURE BUTTON

15. CHANNEL ▲(UP)/▼(DOWN) BUTTONS

16. VOL ►(UP)/◄(DOWN) BUTTONS

17. FF/▶(⏩) BUTTON

18. P/STILL(⏸) BUTTON

19. STOP(⏹) BUTTON

20. SLEEP TIMER BUTTON

Press this button to set the sleep timer.

21. REC. SPEED BUTTON

Changes tape speed in the recording mode.

In the playback mode, tape speed is automatically selected to match the recording speed.

22. VISS BUTTON

To select the VISS(VHS Index Search System) mode.

23. CLOCK CNT/REMAIN BUTTON

Press to switch from a clock time display to a counter display or tape remaining display.

24. RESET BUTTON

Press this button to cause the tape counter to reset to **M 0:00:00**.

25. INDICATOR LIGHT

Lights when remote is used.

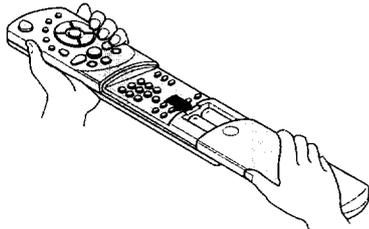
Installing Batteries in the Remote Control Unit

The remote control is powered by batteries. This requires two type **AA** batteries for operation. To ensure consistent operation, change the batteries once a year.

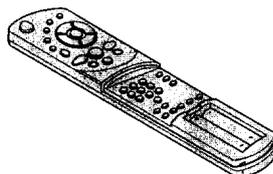
Caution: Batteries installed incorrectly may leak and damage the remote control.

Do not mix old and new batteries or different types of batteries (for example, standard and alkaline).

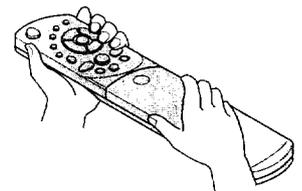
1. Remove the battery compartment cover by sliding it in the arrowhead direction.



2. Insert new batteries as indicated by the polarity markings (+ and -) inside the compartment.



3. Replace the battery compartment cover.

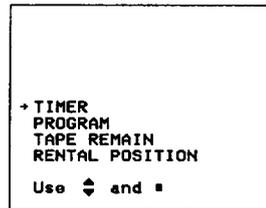


ON-SCREEN DISPLAY

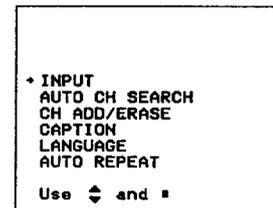
The On-Screen Display prompts and leads you through the processes of setting up, recording and programming. It does this by a series of text cards displayed on the TV screen.

There are two main cards:

Each time you press the **MENU** button on the remote control the on-screen display changes one by one as shown below.



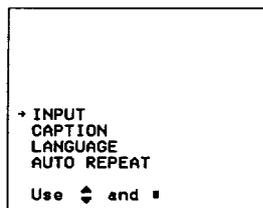
<MENU 1>



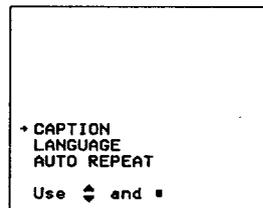
<MENU 2>

The **MENU 2** card differs slightly depending on the mode in which the TVCR is being used.

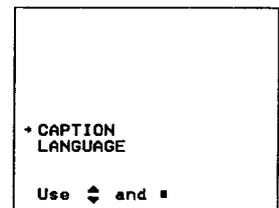
- In the AV mode



- During Playback



- During Recording



BASIC TV OPERATION

Before operating the TV, make sure the following instructions have been completed.

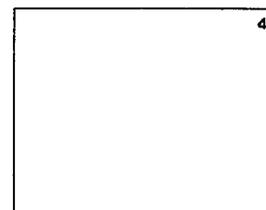
- Your TV has been connected to an antenna or a cable system.
- Your TV has been plugged in a power outlet.

● Turning On the TV

To turn on the TV, press the **POWER** button on the front panel or remote control. The on-screen display will appear on the screen.

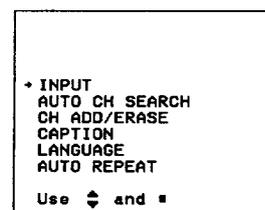
To turn off the TV, press the **POWER** button on the front panel again.

The **POWER** button on the remote control allows the TV to be placed into the standby mode.

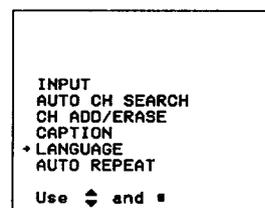


● Selecting the On-Screen Language

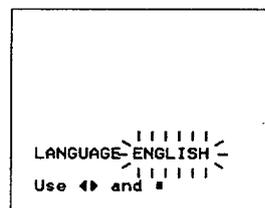
1. Press the **MENU** button until the picture menu is displayed as shown on the right.



2. Press the **CHANNEL ▲** or **▼** button until **LANGUAGE** is indicated as shown on the right.



3. Press the **■ (ENTER)** button.
The **LANGUAGE** mode is displayed as shown on the right.



4. Press the **VOL ◀** or **▶** button until the desired language, **ENGLISH**, **FRANÇAIS** or **ESPAÑOL**, is displayed.

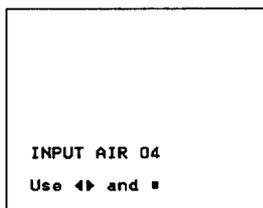
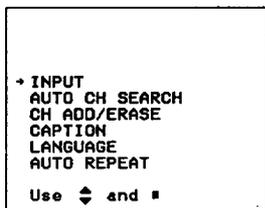
Each time you press the **VOL ▶** button, the language is displayed one by one as shown below.



5. Press the **■ (ENTER)** button.
From this point on, the on-screen display will be presented in the language of your choice.

BASIC TV OPERATION

● Selecting the Input Signal



1. Press the **MENU** button until the picture menu is displayed as shown left.
2. Press the **CHANNEL ▲** or **▼** button to select the **INPUT**.
3. Press the **■ (ENTER)** button.
The **INPUT** mode is displayed as shown left.
4. Press the **VOL ◀** or **▶** button until the desired input signal is displayed.
Each time you press the **VOL ▶** button the input signal is displayed one by one as shown below.



5. Press the **■ (ENTER)** button to enter the selected input signal.

● Memorizing Channels

This function memorizes all the active channels in your area before you can use the TVCR. There are two ways of memorizing channels. One is **AUTO PROGRAM** and the other is **MANUAL PROGRAM**.

In **AUTO PROGRAM** the TV will memorize the channels in ascending order. If there are additional channels you want to add or erase, you can manually add or delete those channels.

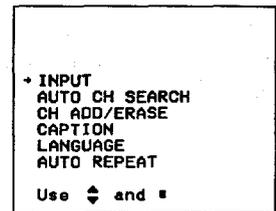
Neither **AUTO** nor **MANUAL PROGRAM** operate the video mode. Therefore in **AUTO CH SEARCH** and **CH ADD/ERASE** is not displayed in the AV mode.

The **AIR** or **CABLE** mode must be selected first.

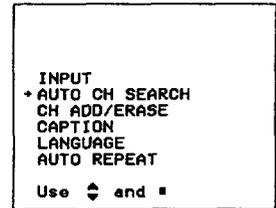
Memorizing the Channels by AUTO PROGRAM

AUTO PROGRAM searches and memorizes all the active channels in your area.

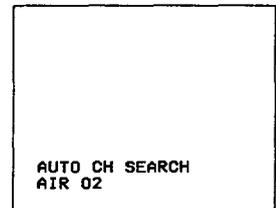
1. Press the **TV/AV** button until a channel number is displayed on the screen.



2. Press the **MENU** button until the picture menu is displayed as shown right.



3. Press the **CHANNEL ▲** or **▼** button until **AUTO CH SEARCH** is indicated as shown right.



4. Press the **■ (ENTER)** button.
The **AUTO PROGRAM** starts now.
The numbers of the channels being searched appear on the left lower side of screen.

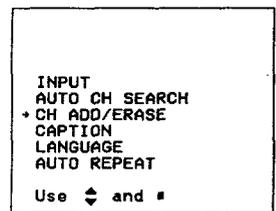
Notes: • To stop **AUTO PROGRAM**, press the **■ (ENTER)** button.
Only the channels searched up to that time are memorized.

• To memorize the **CATV** channels by **AUTO PROGRAM**, select **CABLE** mode (refer to "Selecting the Input Signal") and repeat above process 2-4.

Adding or Delecting Channels by MANUAL PROGRAM

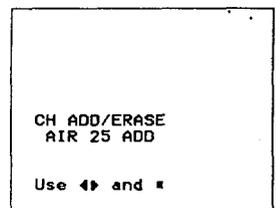
1. Repeat above process 1-2.

2. Press the **CHANNEL ▲** or **▼** button until **CH ADD/ERASE** is indicated as shown right.



3. Press the **■ (ENTER)** button.
The **CH ADD/ERASE** mode is displayed as shown right.

4. Select the channel number you want to add or erase with the **CHANNEL ▲/▼** buttons.



5. Press the **VOL ◀** or **▶** button to select **ADD** or **ERASE**.

6. Press the **■ (ENTER)** button.

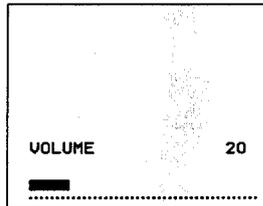
BASIC TV OPERATION

● Selecting Channels

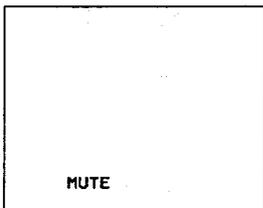


Press the **CHANNEL ▲/▼** buttons to conveniently select the channel higher or lower than the channel being viewed, or **NUMBER** buttons to directly select the desired channel. The selected channel number appears as shown left. After 3 seconds the channel number disappears.

● Adjusting the Volume



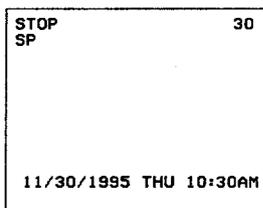
Press the **VOL ►** button to increase the volume level or **VOL ◀** button to decrease the volume level.



To mute the sound, press the **MUTE** button. The word **MUTE** is displayed on the left lower side of the screen.

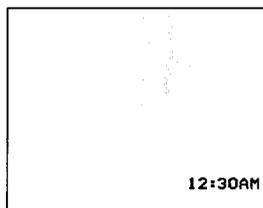
To restore the sound, press the **MUTE** button again or the **VOL ◀/►** buttons.

● Recalling the Current TVCR Mode



When you press the **■ (ENTER)** button once, the current time, operation mode, tape speed and channel number appear as shown left.

- Notes:**
- The current time is displayed only when the current time has been set in **TIMER** function.
 - If there is no tape in your TVCR the operation mode is not displayed.



Press the **■ (ENTER)** button again to view the current time.

PICTURE CONTROL

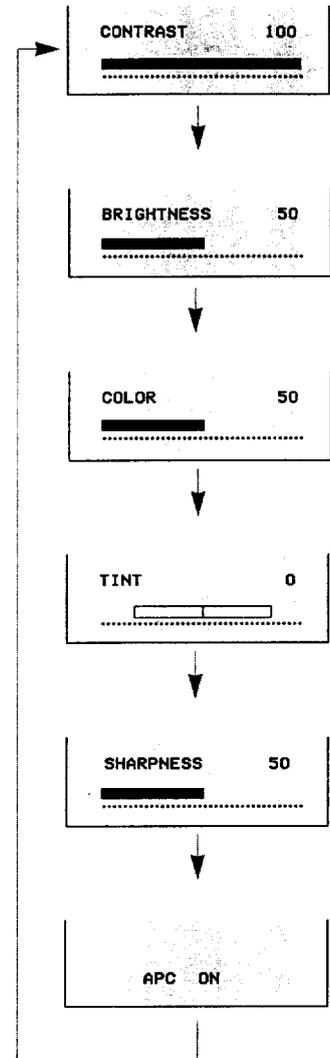
This function allows you to manually adjust the picture level to your personal preference. If the picture you set is not satisfactory, a factory preset picture can be selected.

1. Press the **PICTURE** button to select the desired picture mode.

Each time you press this button, the picture modes appear on the screen one by one as shown right.

- **CONTRAST**
To adjust the overall contrast and color level of the picture.
- **BRIGHTNESS**
To adjust the brightness level of black areas in the picture.
- **COLOR**
To adjust the intensity of the colors in the picture.
- **TINT**
To adjust the color of the flesh tones.
- **SHARPNESS**
To adjust the clarity for the clearest picture.
- **APC ON/OFF**
To let you decide if you want to use factory preset picture.

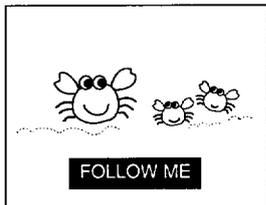
2. Press the **VOL** ◀ or ▶ button.
The level of selected picture mode is adjusted.
3. Press the ■ (**ENTER**) button.



CLOSED CAPTION FUNCTION

Closed captioning is a process which converts the audio portion of a television program into written words, which then appear on the television screen in a form similar to subtitles. Closed captions allow viewers to read the dialogue and narration of television programs.

● Using Closed Captions



Captions are the subtitles of the dialogue and narration of television programs. For prerecorded programs, program dialogue can be arranged into captions in advance. It's possible to caption a live program by using a process called "real-time captioning", which creates captions instantly. Real-time captioning is normally done by professional reporters using a machine shorthand system and computer for translation into English.

Captioning is an effective system for the hearing-impaired, and it can also aid in teaching language skills.

- The picture at left shows a typical caption.

Caption Tips

- Not all TV broadcasts include closed caption signals.
- Sometimes TV stations broadcast two different caption signals on the same channel. By selecting **CC1** or **CC2**, you can choose which signal you view. **CC1** is usually the signal with the captions, while **CC2** might show demonstration or programming information.
- Your TV might not receive caption signals normally in the following situations.

1 Poor reception conditions are encountered:



■ IGNITION:

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



■ GHOSTS:

Ghosts are caused when the TV signal splits and follows two paths. One is the direct path and the other is reflected off tall buildings, hills or other objects. Changing the direction or position of the antenna may improve reception.



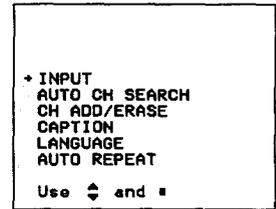
■ SNOW:

If your receiver is located at the weak, fringe area of a TV signal, your picture may be marred by small dots. It may be necessary to install a special antenna to improve the picture.

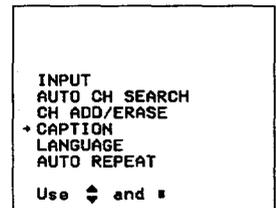
- 2 An old, bad or illegally recorded tape is played.
- 3 Strong, random signals from a car or airplane interfere with the TV signal.
- 4 The signal from the antenna is weak.
- 5 The program wasn't captioned when it was produced, transmitted or taped.

Operating the Caption

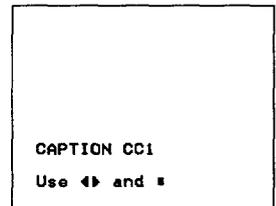
1. Press the **MENU** button until the menu is displayed as shown on the right.



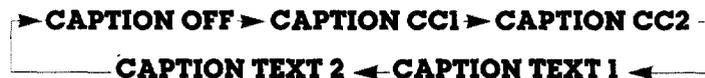
2. Press the **CHANNEL** \blacktriangle or \blacktriangledown button until **CAPTION** is indicated as shown on the right.



3. Press the \blacksquare (**ENTER**) button.
The **CAPTION** mode is displayed.



4. Repeatedly press the **VOL** \blacktriangleleft or \blacktriangleright to select **CC1** or **CC2**.
Each time you press the **VOL** \blacktriangleright button, the caption mode is displayed one by one as shown below.



Note: To turn off captioning, select **OFF**.

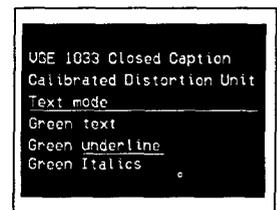
5. Press the \blacksquare (**ENTER**) button.

Note: This TV is programmed to remember which mode it was last set to, even if you switch the **POWER** off.

● Using the Text Function

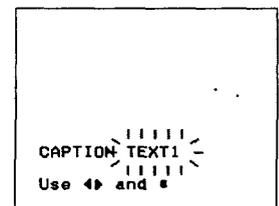
Text services give a wide variety of information on all kind of subjects (ex. captioned program lists, weather forecasts, stock exchange topics, news for hearing-impaired---) through the full TV screen.

But not all stations offer text services, even though they might offer captioning.



Operating the Text

1. Repeat the process 1-3 at page 17.
2. Repeatedly press the **VOL** \blacktriangleleft or \blacktriangleright button to select **TEXT 1** or **TEXT 2**.
3. Press the \blacksquare (**ENTER**) button.

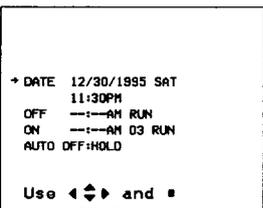
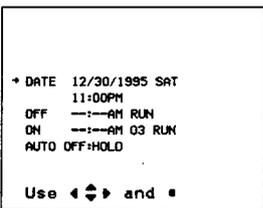
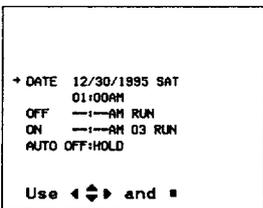
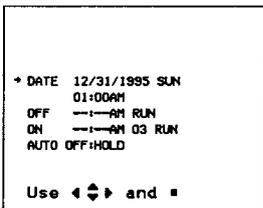
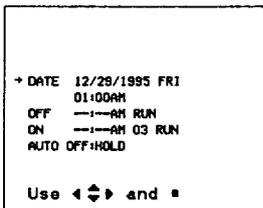
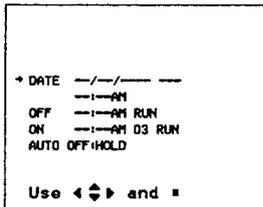
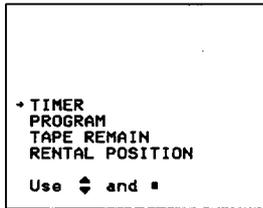


Note: In the event you receive a poor signal, an empty black box may appear and disappear, even when the text mode is selected. This is normal function in such an event.

TIMER FUNCTIONS

● Setting the Current Time

Before setting the ON/OFF Time, first you should set the current time.



1. Press the **MENU** button on the remote control until the picture menu is displayed as shown on the left.
2. Press the **CHANNEL** \blacktriangle or \blacktriangledown button to select **TIMER**.
3. Press the \blacksquare (**ENTER**) button.
The **TIMER** mode is displayed and **DATE** is indicated as shown on the left.
4. Press the **VOL** \blacktriangleleft or \blacktriangleright button to select the month option.
5. Repeatedly press the **CHANNEL** \blacktriangle or \blacktriangledown button to select the month. The day of week automatically changes with the month.
6. Press the **VOL** \blacktriangleleft or \blacktriangleright button to select the date option.
7. Repeatedly press the **CHANNEL** \blacktriangle or \blacktriangledown button to select the date. The day of week automatically changes with the date.
8. Press the **VOL** \blacktriangleleft or \blacktriangleright button to select the year option.
9. Repeatedly press the **CHANNEL** \blacktriangle or \blacktriangledown button to select the year. The day of week automatically changes with the year.
10. Press the **VOL** \blacktriangleleft or \blacktriangleright button to select the hour option.
11. Repeatedly press the **CHANNEL** \blacktriangle or \blacktriangledown button to select the hour.
12. Press the **VOL** \blacktriangleleft or \blacktriangleright button to select the minute option.
13. Repeatedly press the **CHANNEL** \blacktriangle or \blacktriangledown button to select the minute.
14. Press the \blacksquare (**ENTER**) button twice.

● Setting the OFF TIMER

This is the function to automatically turn off your TV at a set time.

1. Press the **MENU** button on the remote control until the picture menu is displayed as shown on the right.
2. Press the **CHANNEL ▲** or **▼** button to select **TIMER**.
3. Press the **■ (ENTER)** button.
The **TIMER** mode is displayed.
4. Press the **CHANNEL ▲** or **▼** button to select **OFF**.
5. Press the **VOL ◀** or **▶** button to select the hour option.
6. Repeatedly press the **CHANNEL ▲** or **▼** button to select the hour.
7. Press the **VOL ◀** or **▶** button to select the minute option.
8. Press the **CHANNEL ▲** or **▼** button to select the minute.
9. Press the **VOL ◀** or **▶** button to select the **RUN** or **HOLD** option.
10. Press the **CHANNEL ▲** or **▼** button to select **RUN** or **HOLD**.
RUN means to perform the set timer.
HOLD means not to perform the set timer.
11. Press the **■ (ENTER)** button twice.

```

+ TIMER
PROGRAM
TAPE REMAIN
RENTAL POSITION
Use ◀ ▶ and ■
    
```

```

DATE 12/30/1995 SAT
11:30PM
+ OFF ---AM RUN
ON ---AM 03 RUN
AUTO OFF:HOLD
Use ◀ ▶ and ■
    
```

```

DATE 12/30/1995 SAT
11:30PM
+ OFF 12:00PM RUN
ON ---AM 03 RUN
AUTO OFF:HOLD
Use ◀ ▶ and ■
    
```

```

DATE 12/30/1995 SAT
11:30PM
+ OFF 12:30PM RUN
ON ---AM 03 RUN
AUTO OFF:HOLD
Use ◀ ▶ and ■
    
```

```

DATE 12/30/1995 SAT
11:30PM
+ OFF 12:30PM HOLD
ON ---AM 03 RUN
AUTO OFF:HOLD
Use ◀ ▶ and ■
    
```

● Setting the ON TIMER

This function automatically turns on your TV at a set time.

1. Repeat the OFF TIMER process steps 1-3.
2. Press the **CHANNEL ▲** or **▼** button to select **ON**.
3. Repeat the OFF TIMER process steps 5-8.
4. Press the **VOL ◀** or **▶** button to select the channel number position.
5. Repeatedly press the **CHANNEL ▲** or **▼** button to select the desired channel.
6. Repeat the OFF TIMER process steps 9-11.

```

DATE 12/30/1995 SAT
11:30PM
OFF 12:00PM HOLD
+ ON ---AM 03 RUN
AUTO OFF:HOLD
Use ◀ ▶ and ■
    
```

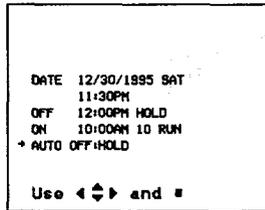
```

DATE 12/30/1995 SAT
11:30PM
OFF 12:00PM HOLD
+ ON 10:00AM 10 RUN
AUTO OFF:HOLD
Use ◀ ▶ and ■
    
```

TIMER FUNCTIONS

● AUTO OFF Function

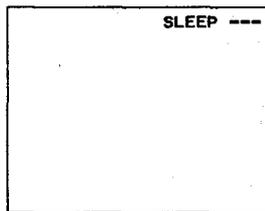
This function automatically turns off your TV after 10 minutes when there are no broadcasts. If the VCR is operating, the **AUTO OFF** does not function.



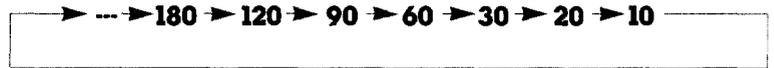
1. In the **TIMER** mode, press the **CHANNEL ▲** or **▼** button to select **AUTO OFF**.
2. Press the **VOL ◀** or **▶** button to select the **HOLD** or **RUN** option.
3. Press the **CHANNEL ▲** or **▼** button to select **RUN** or **HOLD**.
4. Press the **■ (ENTER)** button twice.

● Setting the Sleep Timer

This function automatically turns off your TV after the time you set.



Press the **SLEEP TIMER** button to select the desired sleep time. Each time you press this button, the sleep time is displayed one by one on the top right-hand corner of the screen as shown below.

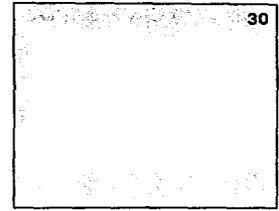


- Notes:**
- After 3 seconds, the selected sleep time will disappear and be operated automatically.
 - To view the remaining sleep time, press the **SLEEP TIMER** button once and the remaining sleep time will be displayed.
 - To erase the sleep time, select the **SLEEP ---** mode by using the **SLEEP TIMER** button.

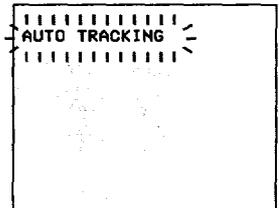
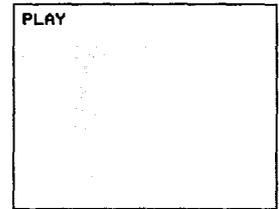
PLAYBACK

● Playing Back a Prerecorded Cassette Tape

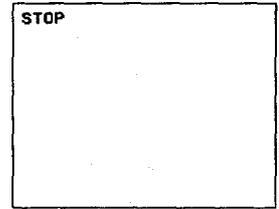
1. Insert a prerecorded cassette into the tape compartment. The VCR automatically turns on.



2. Press the **PLAY/x2** (▶) button. The message **AUTO TRACKING** flashes for 4 seconds. Do not select the tape speed for playback. This will be done automatically.



3. Press the **STOP/EJECT** button on the front panel or **STOP** (⊖) on the remote control to stop playback.

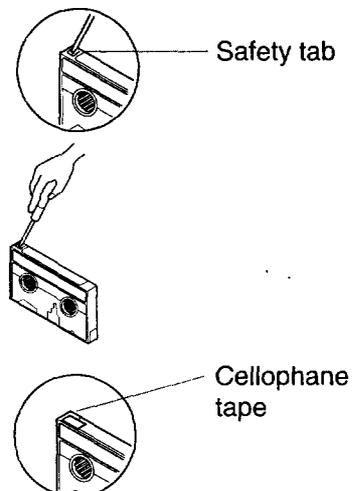


- Notes:**
- This unit has automatic rewind. At the very end of the tape, the set automatically stops and rewinds the tape.
 - To eject the cassette, press the **EJECT** (⏏) button on the remote control or **STOP/EJECT** twice on the front panel.

You may prevent accidental erasing of a tape by removing the safety tab on the back edge of the cassette. If you decide to record on the tape again, cover the hole with cellophane tape.

- To prevent accidental erasure, break off the tab with a screwdriver as shown on the right.

- To record again, cover the hole with cellophane tape as shown right.



PLAYBACK

● Tracking Control

When playing back a tape recorded on another VCR, there might be some picture noise.

Tracking ensures that the tape is correctly aligned with the playback head. It only works in the "playback" mode and its principle purpose is to minimize picture shake.

It can be adjusted either automatically or manually.

Automatic Tracking Adjustment



When playback starts, the auto tracking automatically adjusts the picture.

AUTO TRACKING flashes for 4 seconds.

If auto tracking does not work, the tracking was probably last adjusted manually.

Manual Tracking Adjustment

When the playback picture proves to have streaks or snow during normal playback, adjust the picture manually with the **AUTO TRACKING ▼(DOWN)/▲(UP)** buttons.

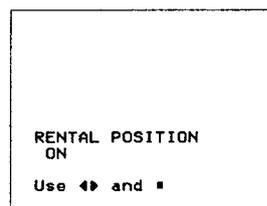
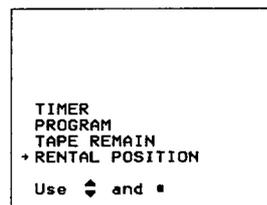
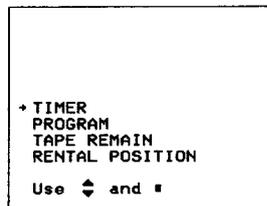
Press either **AUTO TRACKING ▼(DOWN)** or **▲(UP)** button to obtain the best possible picture.

When playing back a tape recorded on another VCR, the tracking condition is automatically adjusted on this VCR.

- Notes:**
- Auto tracking adjustment may be impossible when the recording condition of the tape is poor.
 - During auto tracking adjustment, streaks or noise may appear.

● Rental Position

When playing back rental tapes, there will be some picture noise. In the **RENTAL POSITION ON** condition, the image details may be better defined thanks to the vertical enhancer.



1. Press the **MENU** button on the remote control until the picture menu is displayed as shown left.

2. Press the **CHANNEL ▲** or **▼** button to select **RENTAL POSITION**.

3. Press the **■ (ENTER)** button.
The **RENTAL POSITION** mode is displayed.

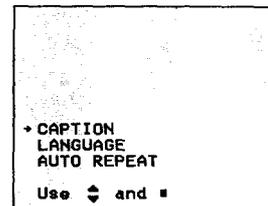
4. Press the **VOL ◀** or **▶** button to select **ON** or **OFF**.

5. Press the **■ (ENTER)** button.

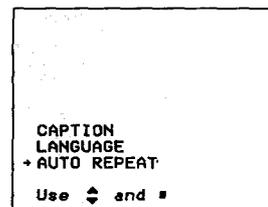
● **Auto Repeat Function**

This function allows the tape to rewind to its beginning and play back automatically.

- 1. Press the **MENU** button until the picture menu is displayed as shown on the right.

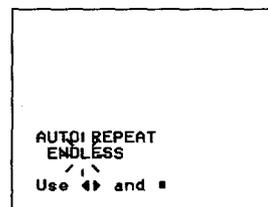
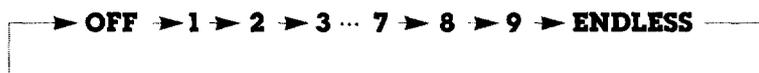


- 2. Press the **CHANNEL ▲** or **▼** button to select **AUTO REPEAT**.



- 3. Press the **[enter button]** button.
The **AUTO REPEAT** mode is displayed.

- 4. Press the **VOL ◀** or **▶** button.
Each time you press the **VOL ▶** button, the message under **AUTO REPEAT** changes one by one as shown below.



- 5. Press the **[enter button]** button.
The **AUTO REPEAT** function works as many times as you have selected.

Note: To release the **AUTO REPEAT** function, select **OFF**.

● **Viewing TV Programs During Tape Playback**

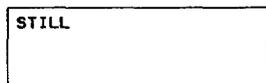
While a tape is being played, you can switch to watching TV broadcasts. Press the **STOP (⊖)** button.
The TVCR returns to normal TV reception mode.

PLAYBACK VARIATIONS

● Variable Speed Playback

You can enjoy playing back pictures in various speeds on the VCR.

Still Picture



During the playback mode, press the **P/STILL** (⏏) button.
To resume normal playback, press the **PLAY/x2** (▶) button.

- Notes:**
- There will be no sound and the picture may be unstable. This is normal.
 - If the VCR is left in the pause mode for more than 5 minutes, the TVCR re-enters the TV reception mode automatically.



Press the **- SLOW +** buttons when trying to see a slow motion. The message **SLOW** appears on the screen for about 5 seconds with a slow motion.

To Advance the Tape Rapidly



While the tape is being played back, pressing the **FF/▶** button will move the tape forward at high speed so you can see the picture and choose where to stop.

When you do this, the message **CUE** appears on the screen. If you press the **PLAY/X2** (▶) button, the VCR will return to normal playback. If you hold down the **FF/▶** button for Jet Search, release the **FF/▶** button to resume playing tape automatically.

When tape is not being played back and the VCR is in the stop mode, pressing the **FF/▶** button winds the tape forward at very high speed without displaying the picture.

When you do this, the message **FF** appears on the screen. You can stop the forward running of the tape at any time by pressing the **STOP** (⏏) button.

If during the operation, the tape winds forward to the end, the machine will automatically stop and then rewind the tape back to the beginning again.

By pressing the **PLAY/x2** (▶) button twice, the message **PLAYX2** will show. You can now run through a tape at twice normal speed to find the exact place you want. Revert to normal play speed by pressing the button once more.

To Rewind the Tape Rapidly



If you press the **REW/◀** button while the tape is being played back, you can play the tape backwards to find a particular spot. When you do this, the message **REVIEW** appears on the screen and the tape will be rewound at high speed.

At the end, the message **STOP** appears on the screen. If you hold down the **REW/◀** button for Jet Search, release the **REW/◀** button to resume playing tape automatically.

When the tape is not being played back and the VCR is in the stop mode, pressing the **REW/◀** button winds the tape backward at very high speed without displaying the picture.

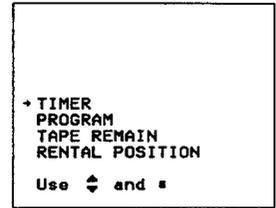
When you do this, the message **REW** appears on the screen.

- Notes:**
- When **CUE** or **REVIEW** mode is continued for 3 minutes, the tape will automatically enter the playback mode.
 - If VCR is rewind mode, the VCR will continue to rewind the tape even if the power is turned off.

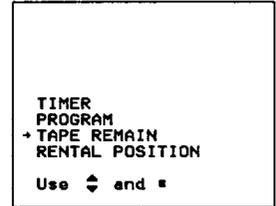
● **Using CLOCK COUNT/REMAIN**

This function allows the remaining tape time to be displayed during recording or playback while in counter mode.

1. Press the **MENU** button on the remote control until the picture menu is displayed as shown on the right.



2. Press the **CHANNEL** \blacktriangle or \blacktriangledown button to select **TAPE REMAIN**.

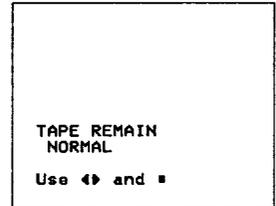


3. Press the \blacksquare (**ENTER**) button.
The **TAPE REMAIN** mode is displayed as shown right.

4. Press the **VOL** \blacktriangleleft or \blacktriangleright button to select **NORMAL** or **T160**.

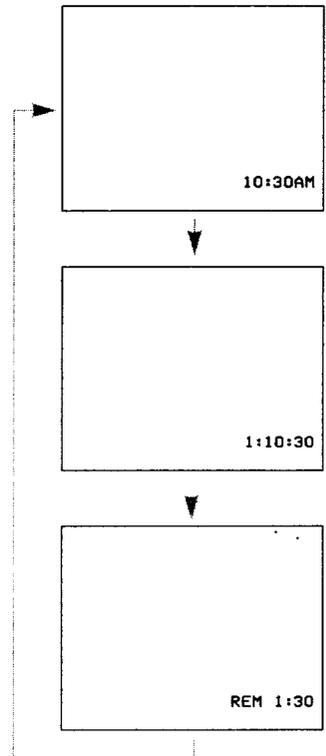
T-160: Set to this position for using a T-160 or T-140 tape only.

NOR: For the others, set to this position.



5. Press the \blacksquare (**ENTER**) button.
6. Press the **CLOCK CNT/REMAIN** button.
The display switches each time the button is pressed.

- Counter changes to clock when the cassette is ejected.
- The tape counter shows the tape travel time in hours, minutes and seconds during recording or playback.
- The tape remaining time functions with T-20, 30, 40, 60, 80, 90, 100, 120, 140, 160, and 180 tapes only.



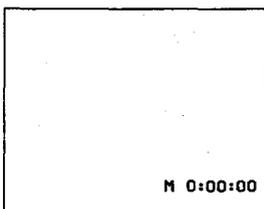
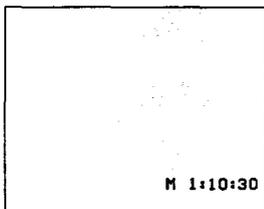
PLAYBACK VARIATIONS

● Using The Counter Memory Function

The counter memory makes it easy to return to a particular spot on the tape after recording or playback.

The tape stops when the counter reaches **M 0:00:00**.

This feature can only be operated in the counter mode and is especially helpful when editing a recording.



1. Press the **CLOCK CNT/REMAIN** button until the counter mode is called up on the screen.
2. Press the **□ (ENTER)** button twice after the on-screen display disappears.
3. Press the **RESET** button while the tape counter mode is still displayed on the screen, at the point you want to return to. The counter displays **M 0:00:00**.
4. Press the **STOP (⏏)** button when you finish recording or playing the tape.
5. Press the **REW/⏮** button. The tape stops at **M 0:00:00**.
6. Press the **PLAY/x2 (⏩)** button to play back the tape.

RECORDING

● Tape Selection

The quality of tape you use greatly affects the record/playback quality and the life of the TVCR. Use only cassette tapes that have the official VHS logo.

High-grade tapes give the best results, especially at the EP speed. They also have a better oxide coating that helps prevent dirty video heads. Although T-160 tapes offer the longest recording time, they contain thinner tape that is more likely to stretch or cause tape jams. We suggest that you use T-120 or shorter tapes.

Recording in the SP or EP mode is possible with this unit. When recording, select the desired recording mode (SP, EP) with the **REC-SPEED** button on the remote control. During playback, the unit automatically detects the recording format, and then plays back the tape in the appropriate mode.

The following chart shows the maximum recording times for T-60, T-120 and T-160 tapes at the two recording speeds.

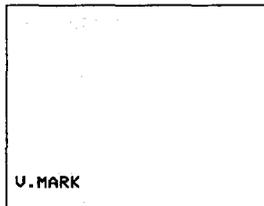
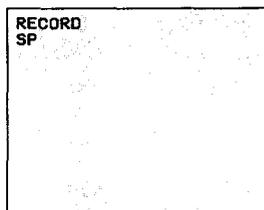
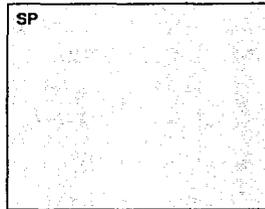
Speed	T-60	T-120	T-160
SP	1 Hour (60 Minutes)	2 Hours (120 Minutes)	2 ² / ₃ Hours (160 Minutes)
EP	3 Hours (180 Minutes)	6 Hours (360 Minutes)	8 Hours (480 Minutes)

RECORDING

● Recording TV Programs

Caution

Television programs, films, video tapes and other materials may be copyrighted. Unauthorized recording of such material may be contrary to the provisions of the copyright laws.



1. Insert a cassette with the safety tab.
The TVCR turns on automatically (Auto power on).
2. Select the recording tape speed, **SP** or **EP** with the **REC·SPEED** button.
3. Select the channel to be recorded with the **CHANNEL ▲/▼** or **NUMBER** buttons.
4. Press the **REC/ITR (Ⓢ)** button on the remote control or **REC/ITR** button on the unit. The recording mode then **V.MARK** appear on the screen.
The **REC/ITR** indicator on the front panel lights.

To Stop Recording

Press the **STOP (⏏)** button.

Temporarily to Stop Recording at a Particular Point

Press the **P/STILL (⏏)** button to eliminate unwanted station breaks or program material while recording a TV program.

REC. PAUSE appears on the screen.

To resume recording, press the **P/STILL (⏏)** button again.

When the recording pause mode lasts for more than approximately 5 minutes, the unit enters the stop mode.

Note: When the tape reaches its end, the tape rewinds to the beginning. The power will remain on.

PROGRAM TIMER RECORDING

● Setting the Program Timer

You can preset up to five recordings up to one month in advance. The recordings can be preset with the remote control while referring to the **PROGRAM** display on the screen.

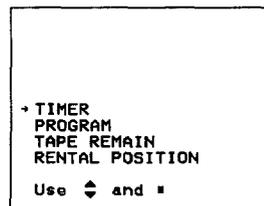
Before you begin, check the following points.

- The date and clock must be set correctly.
- Make sure that the cassette tape is long enough to record all the programs.
- Make sure that the safety tab on the cassette is not broken off.

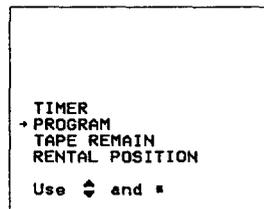
Recording from today to one month later

If today is August 31st, you can set the program timer to record a program broadcast between today and September 30 (for 31 days). If today is January 31st, you can set the program timer to record a program broadcast between today and February 28th (for 29 days). A leap year is automatically considered.

1. Press the **MENU** button on the remote control until the picture menu is displayed as shown on the right.



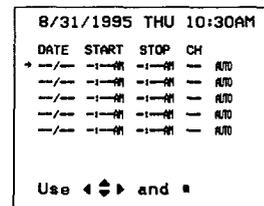
2. Press the **CHANNEL ▲** or **▼** button to select **PROGRAM**.



3. Press the **■ (ENTER)** button.

The **PROGRAM** mode is displayed as shown on the right.

4. Press the **VOL ◀** or **▶** button to select the **DATE** position.



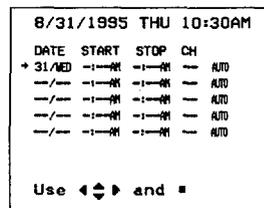
5. Repeatedly press the **CHANNEL ▲** or **▼** button to select the date.

Each time you press the **CHANNEL ▲** button, the date changes one by one as shown below, if the set date is 31/WED.

31/THU → **1/FRI** → ... → **30/SAT**

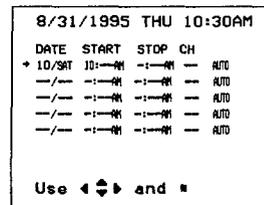
The **CHANNEL ▼** button displays the date one by one as shown below, if the set date is 31/WED,

31/THU → **EVERY DAY** → **EVERY SUN**
EVERY SAT ← ... ← **EVERY MON**



6. Press the **VOL ◀** or **▶** button to select the hour option for **START**.

7. Press the **CHANNEL ▲** or **▼** button to select the hour for **START**.



PROGRAM TIMER RECORDING

8/31/1995 THU 10:30AM				
DATE	START	STOP	CH	
→ 10/SAT	10:31PM	11:00PM	14	AUTO
--/--	--:--	--:--	--	AUTO
--/--	--:--	--:--	--	AUTO
--/--	--:--	--:--	--	AUTO

Use ◀ ▶ and ■

8/31/1995 THU 10:30AM				
DATE	START	STOP	CH	
→ 10/SAT	10:31PM	11:00PM	14	AUTO
--/--	--:--	--:--	--	AUTO
--/--	--:--	--:--	--	AUTO
--/--	--:--	--:--	--	AUTO

Use ◀ ▶ and ■

8/31/1995 THU 10:30AM				
DATE	START	STOP	CH	
→ 10/SAT	10:31PM	11:40PM	14	AUTO
--/--	--:--	--:--	--	AUTO
--/--	--:--	--:--	--	AUTO
--/--	--:--	--:--	--	AUTO

Use ◀ ▶ and ■

8/31/1995 THU 10:30AM				
DATE	START	STOP	CH	
→ 10/SAT	10:31PM	11:40PM	14	AUTO
--/--	--:--	--:--	--	AUTO
--/--	--:--	--:--	--	AUTO
--/--	--:--	--:--	--	AUTO

Use ◀ ▶ and ■

8/31/1995 THU 10:30AM				
DATE	START	STOP	CH	
→ 10/SAT	10:31PM	11:40PM	14	EP
--/--	--:--	--:--	--	AUTO
--/--	--:--	--:--	--	AUTO
--/--	--:--	--:--	--	AUTO

Use ◀ ▶ and ■

8/31/1995 THU 10:30AM				
DATE	START	STOP	CH	
→ 10/SAT	10:31PM	11:40PM	14	EP
--/--	--:--	--:--	--	AUTO
--/--	--:--	--:--	--	AUTO
--/--	--:--	--:--	--	AUTO

Use ◀ ▶ and ■

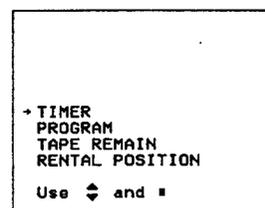
8. Press the **VOL** ◀ or ▶ button to select the minute option for **START**.
9. Press the **CHANNEL** ▲ or ▼ button to select the minute for **START**.
10. Press the **VOL** ◀ or ▶ button to select the hour option for **STOP**.
11. Press the **CHANNEL** ▲ or ▼ button to select the hour for **STOP**.
12. Press the **VOL** ◀ or ▶ button to select the minute option for **STOP**.
13. Press the **CHANNEL** ▲ or ▼ button to select the minute for **STOP**.
14. Press the **VOL** ◀ or ▶ button to select the **CH** option.
15. Press the **CHANNEL** ▲ or ▼ button to select the desired channel.
16. Press the **VOL** ◀ or ▶ button to select the tape speed option.
17. Press the **CHANNEL** ▲ or ▼ button to select the desired tape speed, **SP**, **EP** or **AUTO**.
18. Press the ■ (**ENTER**) button.

Note: To record another program, press the **CHANNEL** ▼ button to select the next item then repeat steps 4-18.

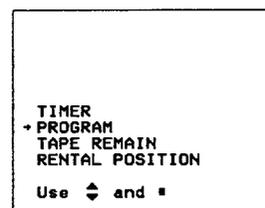
● Checking the Program Timer Settings

You can display all of the timer settings on the TVCR screen to check the settings

1. Press the **MENU** button on the remote control until the picture menu is displayed as shown on the right.



2. Press the **CHANNEL ▲** or **▼** button to select **PROGRAM**.



3. Press the **■ (ENTER)** button.
The **PROGRAM** mode is displayed.

8/31/1995 THU 10:30AM				
DATE	START	STOP	CH	
10/SAT	10:31M	11:40M	14	EP
12/WED	8:00PM	9:00PM	10	A/D
13/THU	8:00PM	9:00PM	10	A/D
17/SAT	9:50PM	10:50PM	8	SP
20/THU	7:00PM	9:00PM	38	EP

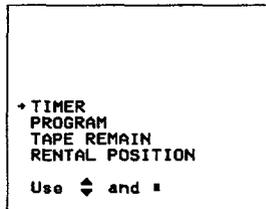
Use ⬅➡ and ■

4. Press the **■ (ENTER)** button again to return to the original screen.

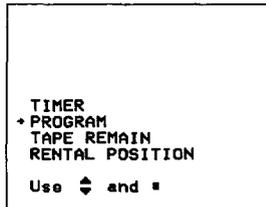
- Notes:**
- The REC. TIMER indicator will not light while your TVCR is ON even if you have already programmed the Timer recording, but it will blink when it's near to the programmed start time.
 - PROGRAMMED TIMER RECORDING will not start while your TVCR is ON even if it's programmed start time.
 - During setting the program timer, when cassette tape is ejected, the REC TIMER indicator blinks even if the power is turned off.

PROGRAM TIMER RECORDING

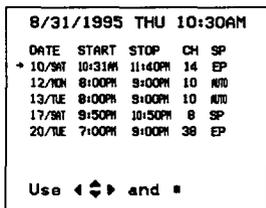
● Changing or Cancelling the Program Timer Settings



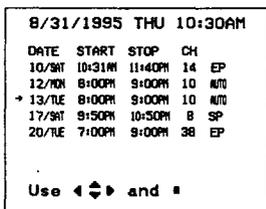
1. Press the **MENU** button on the remote control until the menu is displayed as shown on the left.



2. Press the **CHANNEL ▲** or **▼** button to select **PROGRAM**.



3. Press the **■ (ENTER)** button.
The **PROGRAM** mode is displayed as shown on the left.



4. Press the **CHANNEL ▲** or **▼** button to move the cursor to the program you wish to change or cancel.
5. To change it, flash the item to be changed by pressing the **VOL ◀** or **▶** button and make the required changes by pressing the **CHANNEL ▲** or **▼** button.

To cancel it, move the cursor to the item to be cancelled by pressing the **CHANNEL ▲** or **▼** button, press the **VOL ◀** button to select the **DATE** position then press the **CLEAR** button.

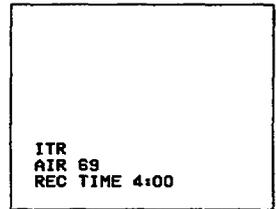
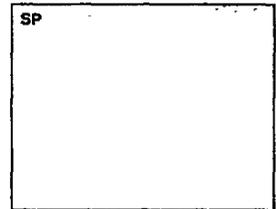
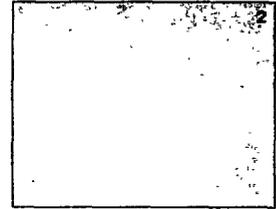
6. Press the **■ (ENTER)** button twice to return to the original screen.

INSTANT TIMER RECORDING

This function is convenient when, for example, you want to set the VCR to start recording instantly without going through the whole timer setting procedure.

- Notes:**
- Make sure that the clock is set correctly before you activate Instant Timer Recording.
 - During Instant Timer Recording, you cannot change the channel on the TVCR.

1. Insert a cassette.
The TVCR automatically turns on.
2. Press the **TV/AV** button so that a channel number appears.
3. Press the **REC-SPEED** button to select the recording speed, **SP** or **EP**.
4. Select the desired channel number with the **NUMBER** or **CHANNEL ▲/▼** buttons.
If you try to select the Cable TV channel, first select **CABLE** in **INPUT** mode (refer to "Selecting the Input Signal" on page 12).
5. Press the **REC/ITR (⊙)** button twice to preset the recording time which appears on the screen.
Each time you press the **REC/ITR (⊙)** button, the time length advances in 30-minute increments up to 9 hours.
6. Press the **POWER** button on the remote control to put into standby mode.
The VCR starts recording, then stops at the preset time period.



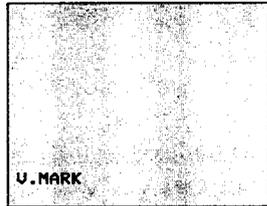
- Notes:**
- To extend the Instant Timer Recording time, press the **REC/ITR (⊙)** button to advance the recording time in 30-minute increments.
 - To clear the Instant Timer Recording setting repeatedly press the **REC/ITR (⊙)** until the display reads **0:00**.
 - If the tape runs out during Instant Timer Recording, recording will stop and the tape will be ejected.
 - To recall the Instant Timer Recording setting, press the **REC/ITR (⊙)** button once. The recalled ITR setting automatically returns to the original screen after 15 seconds.

VHS INDEX SEARCH SYSTEM(VISS)

VISS signal marks on the tape let you scan through the start of different programs or search for a specific section of tape.

● Marking VISS Signals

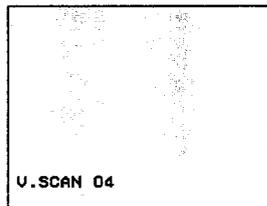
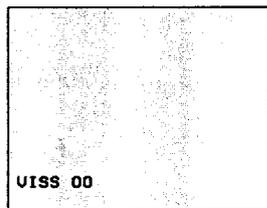
Automatic VISS Mark



A VISS signal is automatically marked at the beginning of recording.

● Playing Back from the VISS Point

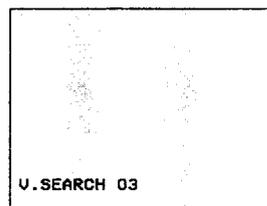
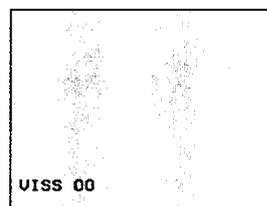
The beginning of each program can be found and played back by using the VISS signals.



1. Insert a cassette with VISS signals.
2. Press the **VISS** button once during playback.
VISS 00 appears on the screen.
3. Press either the **REW**/ or **FF**/ button to start the VISS scan.
The tape rewinds or rapidly advances to the next marked signal.
The tape plays back for about 5 seconds, then rewinds or rapidly advances to the next VISS signal. Each time VISS signal is detected and playback begins, the VISS scan number (**VSCAN 04**) appears.
4. When the desired program is detected, press the **PLAY/x2** () button.
Playback starts from that point.

● Locating the Desired Program (VISS Search)

A particular program can be located and played back by designating how many VISS signals ahead or behind that program is from the current position.



1. Insert a cassette with VISS signals.
2. Press the **VISS** button.
VISS 00 appears.
3. Using the **NUMBER** buttons, enter the number of VISS signals you want to skip.
For example, if the tape is at **VISS 02** and you want to locate **VISS 05**, press **0 3**.
4. Press either the **REW**/ or **FF**/ button.
VSEARCH 03 appears on the screen.
When the desired signal is found, playback begins automatically.

TROUBLESHOOTING

If you have a problem with the TVCR, first check the power cord connection, then go through the following list. Should the difficulty persist, unplug the unit, and contact your GoldStar dealer or local authorised GoldStar service facility.

● In TV Reception

Symptoms	Suggestions
No picture or sound	<ul style="list-style-type: none">• Make sure the unit is plugged into a working AC outlet.• Check that POWER is set to ON.• Check the antenna wires, connections and direction.
Picture OK, sound poor	<ul style="list-style-type: none">• Adjust the sound.
Sound OK, no picture	<ul style="list-style-type: none">• Try another channel.• Adjust the picture.
Picture weak or blurred	<ul style="list-style-type: none">• Check the antenna wires, connections and direction.• Adjust picture control.
Picture rolls vertically	<ul style="list-style-type: none">• Check the antenna wires, connections and direction.
Ghosts (multiple images)	<ul style="list-style-type: none">• Check the antenna wires, connections and direction.• Install a directional antenna.
Wrong color or no color	<ul style="list-style-type: none">• Adjust color and hue controls.
No response to button pressing	<ul style="list-style-type: none">• Press the buttons carefully again. Unplug the set, then plug it in and try again.
No response to remote control	<ul style="list-style-type: none">• Check the polarity (+ and -) of the batteries.• Replace the batteries.

TROUBLESHOOTING

● In VCR Operation

Symptoms	Suggestions
Cannot load video cassettes	<ul style="list-style-type: none">• Insert the cassette with the window side up and the safety tab facing you.• Check if a video tape is already in the VCR.
No operation when buttons are pressed	<ul style="list-style-type: none">• Cancel the recording.
Auto play function doesn't work or TV programs can't be recorded	<ul style="list-style-type: none">• Make sure that the receiving channel of the set is properly tuned.• Make sure that the safety tab on the video cassette tape is still intact.• Check antenna wires, connections and direction.
Timer recording can't be performed	<ul style="list-style-type: none">• Make sure the recording start/stop time is correct.• Reconnect the power plug to an AC outlet, and reset the program recordings.
There is no picture in playback, or the playback picture is noisy or contains streaks	<ul style="list-style-type: none">• Check that power is set to ON.• Check that the video cassette tape has a recorded program.• Check the tracking control (for noise streaks)

MEMO

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MEMO

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GOLDSTAR TVCR LIMITED WARRANTY

LG Electronics U.S.A., Inc. will repair or at its option replace, without charge, your product which proves to be defective in material or workmanship under normal use, during the warranty period listed below from the date of original purchase. This warranty is good only to the original purchaser of the product during the warranty period as long as it is in the U.S. including Alaska, Hawaii and U.S. Territories.

WARRANTY PERIOD

<u>MODEL #</u>	<u>LABOR</u>	<u>PARTS</u>	<u>HOW SERVICE IS HANDLED</u>
	1 Year	1 Year	Call 1-800-243-0000, Option #1 24 hrs a day, 7 days per week, please have your product type (Monitor, TV, VCR) and ZIP code ready.
		<u>CRT</u> 2 Year	25" and above, In-home service 21" and under, carry-in service

No other express warranty is applicable to this product. THE DURATION OF ANY IMPLIED WARRANTIES, INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY, IS LIMITED TO THE DURATION OF THE EXPRESS WARRANTY HEREIN. LG ELECTRONICS U.S.A., INC. SHALL NOT BE LIABLE FOR THE LOSS OF THE USE OF THE PRODUCT, INCONVENIENCE, LOSS OR ANY OTHER DAMAGES, DIRECT OR CONSEQUENTIAL, ARISING OUT OF THE USE OF, OR INABILITY TO USE, THIS PRODUCT OR FOR ANY BREACH OF ANY EXPRESS OR IMPLIED WARRANTY, INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY APPLICABLE TO THIS PRODUCT.

Some states do not allow the exclusion or limitation of incidental or consequential damages or limitations on how long an implied warranty lasts; so these limitations or exclusions may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

THE ABOVE WARRANTY DOES NOT APPLY :

- To damages or problems which result from delivery or improper installation.
- To damages or problems which result from misuse, abuse, accident, alteration, or incorrect electrical current or voltage.
- To service calls, which do not involve defective workmanship or material, such as head cleaning and explaining the operation of the unit.

Therefore these costs are paid by the consumer.

CUSTOMER ASSISTANCE NUMBERS :

- | | | |
|---|---|---|
| To Prove Warranty Coverage: | — | Retain your Sales Receipt to prove date of purchase. Copy of your Sales Receipt must be submitted at the time warranty service is provided. |
| To Obtain Product, Customer or Service Assistance: | — | Call 1-800-243-0000 (Mon-Fri 7am-7pm CST) Push appropriate menu code. |
| To Obtain Nearest Authorized Service Center, Parts Distributor or Sales Dealer: | — | Call 1-800-243-0000, Push option #1 24 hrs a day, 7 days per week, please have your product type (Monitor, TV, VCR) and ZIP code ready. |