

T25061GY


# USER'S GUIDE

TRIDENT




TV/VCR COMBINATION

# Important Information




**CAUTION**


**RISK OF ELECTRIC SHOCK  
DO NOT OPEN**



TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



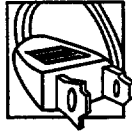
This symbol indicates "dangerous voltage" inside the product that presents a risk of electric shock or personal injury.



This symbol indicates important instructions accompanying the product.

## WARNING

To reduce the risk of fire or shock hazard, do not expose this TV/VCR combination to rain or moisture.



**CAUTION:** To prevent electric shock, match wide blade of plug to wide slot, fully insert.

### Cautions

Refer to the identification/rating label located on the back panel of your product for its proper operating voltage.

FCC regulations state that unauthorized changes or modifications to this equipment may void the user's authority to operate it.

### Note to Cable TV Installer

This reminder is provided to call your attention to Article 820-40 of the National Electrical Code (Section 54 of the Canadian Electrical Code, Part 1) 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.

### Product Registration

Please fill out the product registration card and return it immediately. Returning this card allows us to contact you if needed.

Keep your sales receipt to obtain warranty parts and service and for proof of purchase. Attach it here and record the serial and model numbers in case you need them. The numbers are located on the back of the TV/VCR combination.

Model No.   **T25061GY**  

Serial No. \_\_\_\_\_

Purchase Date: \_\_\_\_\_

Dealer/Address/Phone: \_\_\_\_\_

\_\_\_\_\_

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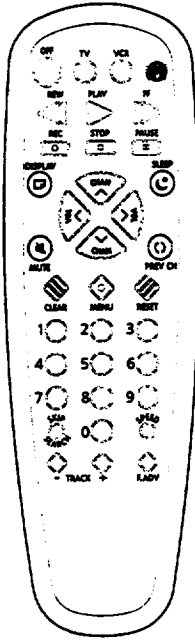
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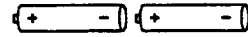
## Startup

### 1. Check accessories with TV/VCR combination.

Contact your dealer if any items are missing.

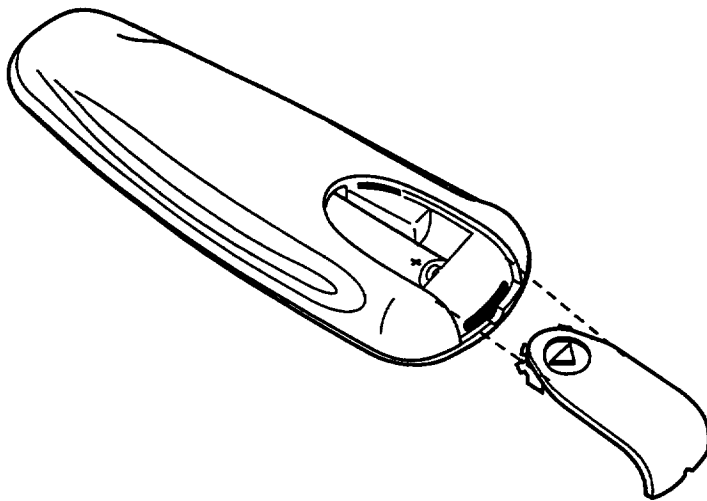


Remote



2 "AA" Batteries

### 2. Insert batteries in remote.



# Startup

## 3. Connect antenna or cable-TV system.

Connect a home antenna or a cable-TV system. *Details on pages 25-27.*

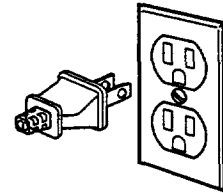
## 4. Place the TV/VCR where you want to operate it.

Place the TV/VCR in a location where it is safe to operate.



## 5. Plug in the TV/VCR.

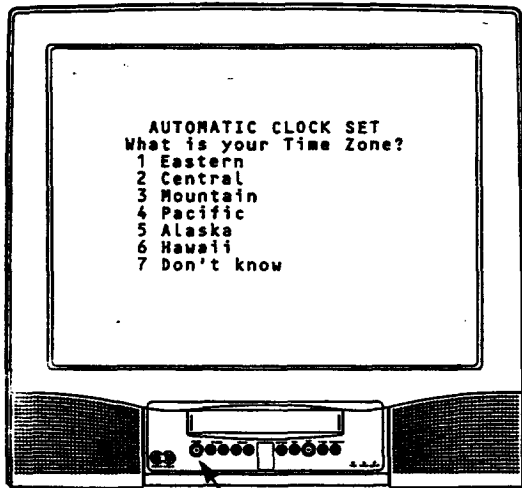
Plug the power cord into the wall outlet, matching the wide blade of the plug with the wide slot in the outlet. Be sure to insert the plug completely.



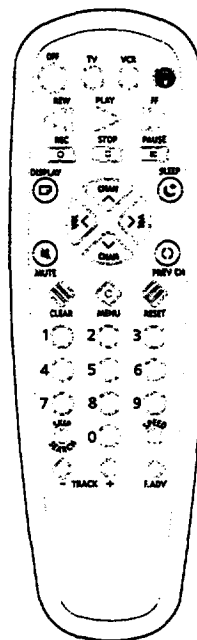
## 6. Turn on the TV/VCR.

Press POWER on the TV/VCR or TV or VCR on the remote. The indicator in the POWER button on the front of the TV/VCR will light.

The first time you turn on the TV/VCR after taking it out of the carton, the TV/VCR will display the AUTOMATIC CLOCK SET menu shown below. However, if the TV/VCR has been plugged in and unplugged or after a power interruption, the following message will appear: **The TV/VCR is now setting the clock. This may take several minutes.**



POWER Button and Indicator



*continued on next page*

## Startup

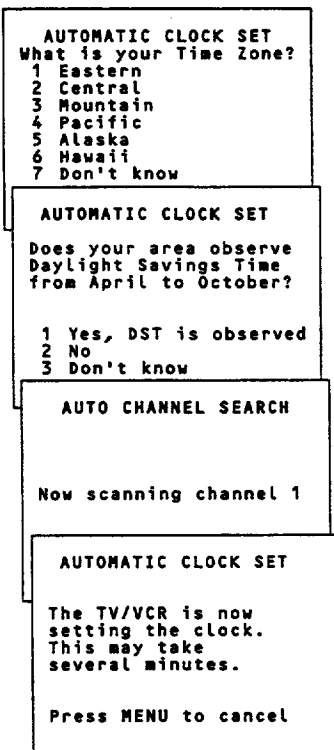
### 7. Set the clock and auto channel search automatically.

When the AUTOMATIC CLOCK SET screen appears, follow these steps to automatically place channels in the TV/VCR's memory and set the clock using the Coordinated Universal Time information transmitted by some broadcast stations.

**Note:** Coordinated Universal Time information is not broadcast in all areas. If it is not available in your area, you must set your clock manually.

- A. Press a number (1-6) on the remote corresponding to the time zone you live in. If you do not know your time zone, press 7.
- B. Press 1 if your area observes daylight savings time from April to October, or press 2 if it does not. If you do not know, press 3.
- C. Press MENU on the remote if all antenna or cable connections are completed. The AUTO CHANNEL SEARCH will be performed, followed by automatic clock set.

If the message **The Auto Clock Set was unsuccessful** appears, set the clock manually. The clock must be set before you can use the timer recording or wake-up timer features.

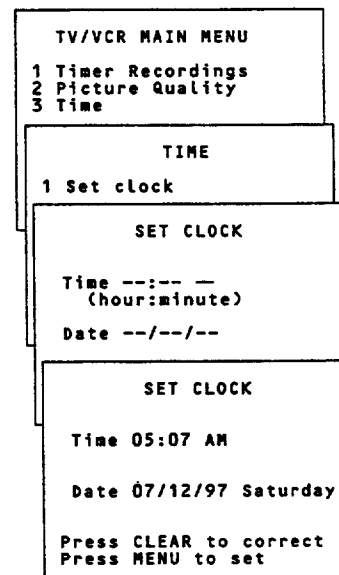


### Set the clock manually.

If the AUTOMATIC CLOCK SET was unsuccessful or you want to manually set the clock:

- A. Press MENU on the remote to display the TV/VCR MAIN MENU.
- B. Press 3 to display the TIME menu.
- C. Press 1 to display the SET CLOCK screen.
- D. Use the number buttons on the remote to enter the time including AM or PM, month, day, and year. The day of the week will automatically appear after you enter the year.
  - Press 0 before single-digit numbers. Press 1 for AM or 2 for PM. Example: press 0, then 5, then 0, then 7, then 2 for a time of 5:07PM.
  - Press CLEAR on the remote at any time to change incorrect entries.
- E. Press MENU on the remote to start the clock.

To display the time and date, press DISPLAY on the remote.

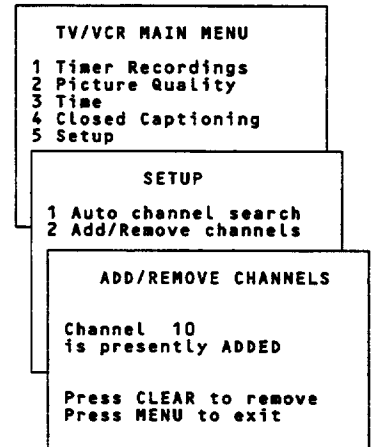


## Startup

### 8. Add or remove channels from the TV/VCR's memory.

You may want to add or remove channels if some of them are not active, have weak signals, or you do not want them in your channel memory. A channel that has been removed can still be selected by pressing the remote's number buttons.

- A. Press MENU on the remote to display the TV/VCR MAIN MENU.
- B. Press 5 to display the SETUP menu.
- C. Press 2 to display the ADD/REMOVE CHANNELS screen.
- D. Follow the directions on the screen to add or remove a channel.
- E. Add or remove more channels by entering the channel number or pressing CHAN ^ or v.

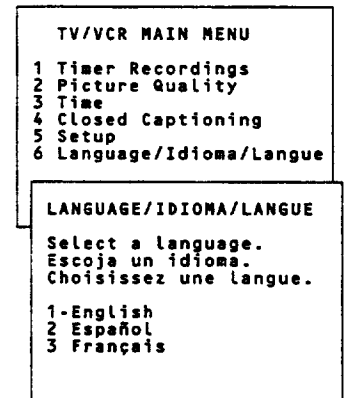


### 9. Select the language.

#### (Escoja un idioma/ Choisissez une langue.)

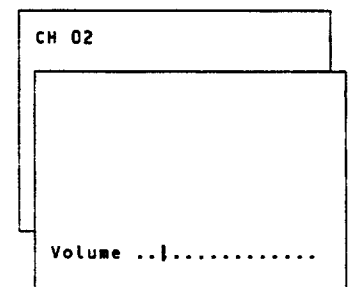
This feature lets you select English, Spanish, or French as the language for your on-screen displays.

- A. Press MENU on remote to see the TV/VCR MAIN MENU.
- B. Press 6 to display the LANGUAGE/IDIOMA/LANGUE menu. The bullet (•) indicates the language selected.
- C. Press 1 to display the menus in English.  
Press 2 to display the menus in Spanish.  
Press 3 to display the menus in French.

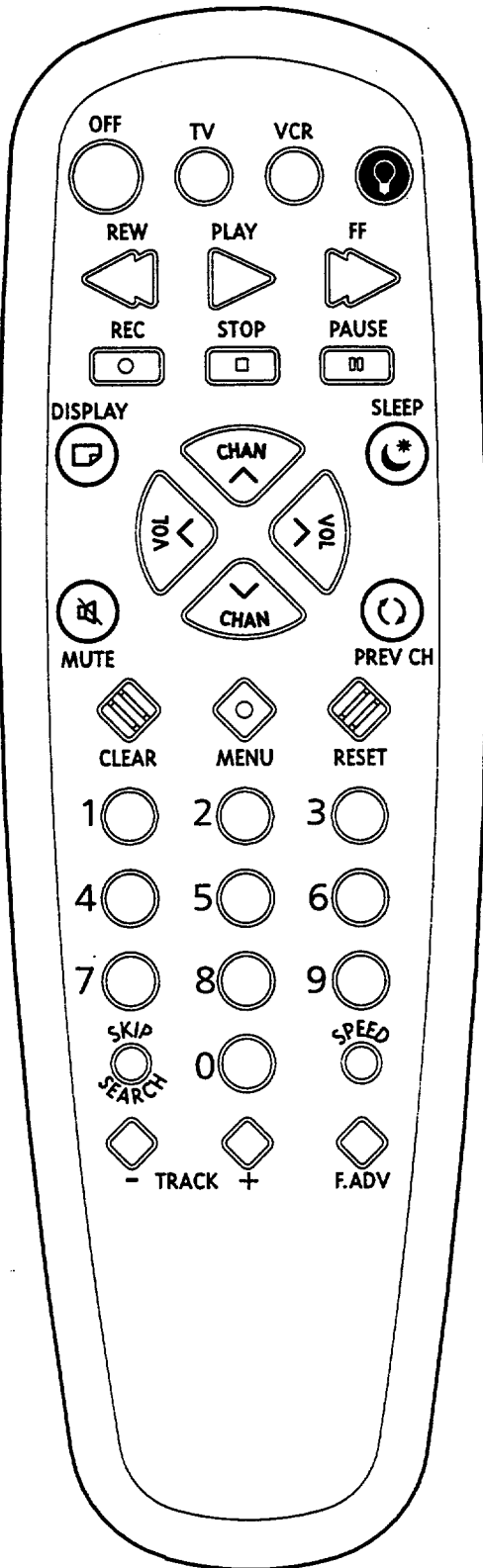


### 10. Select a channel and adjust the volume.

- A. To select a channel, press CHAN ^ or v or two number buttons on the remote.  
Example: Press 0 then 2 for channel 2. The channel number is displayed.  
For cable channels over 99, press and hold 1 until 1-- appears. Now, press two more numbers. Example: Press and hold 1, then press 0, then press 2, for channel 102.
- B. To adjust the volume, press VOL < or >. The volume display appears.



# Buttons



## CHAN (Channel) ^ or v

Selects next higher or lower channel in channel memory.

## CLEAR

Allows you to change menu entries or clear a timer recording.

Resets time counter to 0:00:00 when it is displayed.

## DISPLAY

Displays TV/VCR's current status.

Displays time counter when a tape is inserted.

Removes displays.

Advances to next program during program review.

## FF (Fast forward)

Fast forwards the tape when the TV/VCR is stopped.

Searches the picture in forward motion during playback.

## F. ADV (Frame Advance)

Used for slow-motion playback.

Advances the tape one video frame at a time when the tape is in PAUSE mode.

## Light Bulb Button

When pressed, illuminates the CHAN ^, CHAN v, VOL <, VOL >, DISPLAY, SLEEP, MUTE, and PREV CH buttons. The light turns off about 5 seconds after the last button is pressed.

## MENU

Displays the TV/VCR MAIN MENU.



## Buttons

### **MUTE**

Reduces volume to its minimum level.

### **Numbers (0 through 9)**

Select a channel up to 99 by pressing two numbers.

Select a cable channel over 99 by pressing and holding 1 until 1-- appears on the screen. Then press the other two numbers.

### **OFF**

Turns off the TV/VCR.

### **PAUSE**

Pauses the tape during playback.

Pauses recording to prevent recording of unwanted scenes.

### **PLAY**

Plays a tape.

### **PREV CH (Previous channel)**

Switches between the last two selected channels.

Select one channel and then select the other using the number buttons. Press PREV CH to switch between the two channels.

### **REC (Record)**

Starts TV/VCR recording.

Used for express recording.

### **RESET**

Resets time for wake-up timer (alarm).

Resets picture controls to factory defaults.

Clears channel labels.

### **REW (Rewind)**

Rewinds the tape when the VCR is stopped.

Searches the picture in reverse motion during playback.

### **SKIP/SEARCH**

When a tape is stopped in the VCR, displays INDEX, ZERO, and BLANK search screens.

When a tape is playing in the VCR, advances tape about 30 seconds during playback. (See Commercial Scan description on page 15.)

When there is no tape in the VCR, initiates Commercial Skip function. (See Commercial Skip description on page 9.)

### **SLEEP**

Sets TV/VCR to automatically turn off in 30, 60, 90, or 120 minutes.

### **SPEED (Tape Speed)**

Selects a recording speed (SP or SLP).

### **STOP**

Stops functions such as record, playback, rewind, fast forward, and pause.

### **TRACK + or -**

Lets you manually reduce the streaks that may appear in the picture during playback.

### **TV**

Turns on the TV/VCR.

Sets the remote to control the TV.

### **VCR**

Turns on the TV/VCR.

Sets the remote to control the VCR.

### **VOL (Volume) < or >**

Raises and lowers the sound.

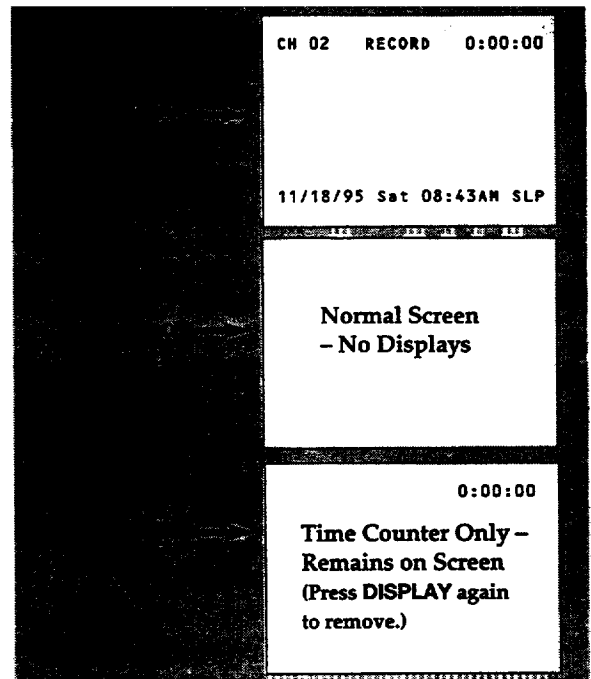
# Using the TV/VCR Features

## On-Screen Displays

When you change channels, adjust the volume, or use a VCR feature, on-screen displays appear to let you know the status of the TV/VCR.

### To Call Up On-Screen Displays

1. Press DISPLAY to display the channel number, function, time counter (if tape is in), date, time, and tape speed.  
If you do not press DISPLAY again, these displays will time out.
2. Press DISPLAY again:
  - No tape in TV/VCR: Displays removed.
  - Tape in TV/VCR: Time counter remains on screen and will not time out. Press DISPLAY again to remove the time counter.



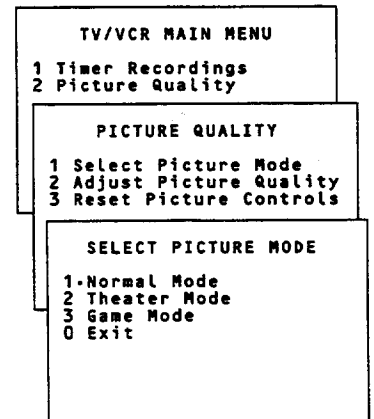
## Adjust the Video

Use the Picture Quality menu to adjust the picture to your personal preference. The TV/VCR will remember the settings you select.

### To Select the Picture mode

You can select one of three Picture modes — Normal, Theater, or Game mode. The bullet (•) indicates the picture mode selected.

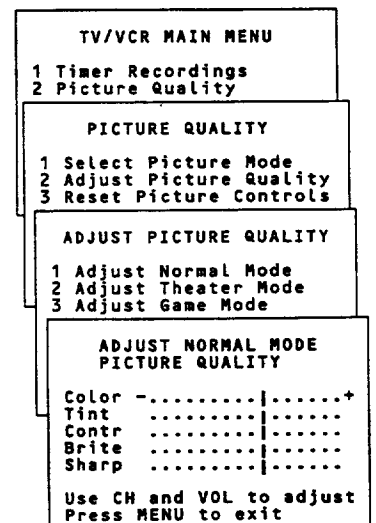
1. Press MENU to display the TV/VCR MAIN MENU.
2. Press 2 to display the PICTURE QUALITY menu.
3. Press 1 to display the SELECT PICTURE MODE menu.
4. Press 1, 2, or 3 to select the Picture mode (Normal, Theater, or Game).



### To Adjust the Video

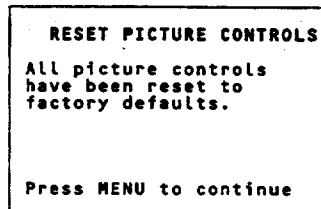
The TV/VCR can memorize adjustments for each of the three modes — Normal, Theater, or Game mode.

1. Press MENU to display the TV/VCR MAIN MENU.
2. Press 2 to display the PICTURE QUALITY menu.
3. Press 2 to display the ADJUST PICTURE QUALITY menu.
4. Press 1, 2, or 3 to select which mode to adjust.
5. Press CHAN ^ or v to select the control you want to adjust.
  - Select Color to adjust color intensity.
  - Select Tint to adjust for natural flesh tones.
  - Select Contr (contrast) to adjust picture contrast.
  - Select Brite (brightness) to adjust picture brightness.
  - Select Sharp to adjust picture sharpness.
6. Press VOL < or > to adjust the control selected.



### To Reset Picture Controls to the Factory Setting

Press 3 in step 3 above to reset the picture controls to the levels set at the factory. Or, press the remote's RESET button.

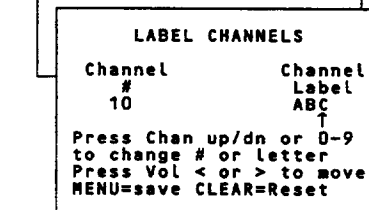
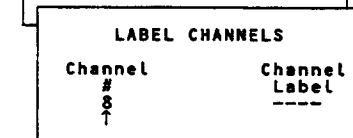
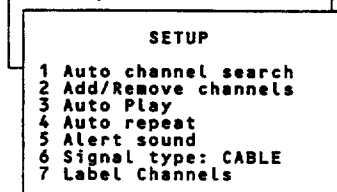
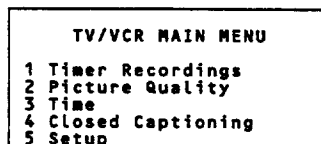


### Channel Labeling

You can label up to twenty-two channels with the station name (such as ABC, NBC, CBS, etc.) for easier identification. Labels can be up to four characters.

#### To Label the Channel

1. Press MENU to display the TV/VCR MAIN MENU.
2. Press 5 to display the SETUP menu.
3. Press 7 to display the LABEL CHANNELS screen.
4. Press CHAN up or down or 0-9 to change the channel number if necessary. Then, press VOL < or > to move the cursor to the Channel Label column.
5. Press CHAN ^ or v, and then VOL < or > to select each letter of the station name.
6. Press MENU to save the channel name.

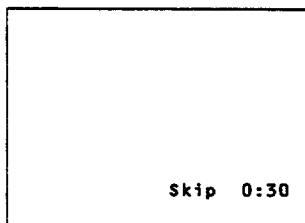


#### To Clear a Channel Name

While in the channel label column, press RESET to remove all characters.

### Commercial Skip

Commercial Skip is an on-screen timer that allows you to bypass commercials. When a commercial comes on, you can activate the Commercial Skip timer to run from 30 seconds to 59 minutes. While the timer is counting down, you are free to watch other channels. After the timer runs out, the TV/VCR automatically changes back to your original channel.



Besides using Commercial Skip to switch back to the current station after a block of commercials, you can also use it as a reminder that a favorite program is about start.

**Note:** The Commercial Skip timer cannot be activated if a tape is loaded in the TV/VCR.

1. Press SKIP/SEARCH repeatedly until the desired time amount is displayed. Each press increases the time in 30 second increments up to 4 minutes. After 4 minutes, each press increases the timer by 1 minute until 59 minutes is reached.

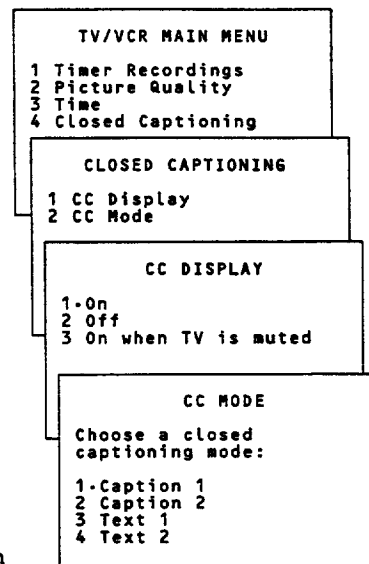
# Using the TV/VCR Features

## Closed Captions

Closed captioning displays the sound of a program as words on the TV screen. It is useful for the deaf, hearing impaired, or anyone who wants to watch a program without sound. If you have turned closed captioning on and it does not appear on the screen, it is not available on the channel you are watching. Check your TV program listings for CC (closed caption) broadcasts. This TV/VCR also supports two text modes used to display text sent from a TV station or cable company.

### To View Closed Captions

1. Press MENU to display TV/VCR MAIN MENU.
2. Press 4 to display the CLOSED CAPTIONING menu.
3. Press 1 to display the CC DISPLAY menu. The bullet (•) indicates the CC DISPLAY selected.
  - Press 1 to select closed captions On. Closed captions will be displayed on the screen.
  - Press 2 to select closed captions Off. No closed captions will be displayed on the screen.
  - Press 3 to select closed captions On when TV is muted. Closed captions will appear on the screen only when the TV is muted.
4. When the CLOSED CAPTIONING menu appears, press 2 to display the CC MODE menu and select the caption mode. The bullet (•) indicates the mode selected.
  - Press 1 or 2 to select Caption 1 or 2. Captions will appear on the screen if they are broadcast.
  - Press 3 or 4 to select Text 1 or 2. Text information will appear on the screen if it is broadcast.



## Alert Sound

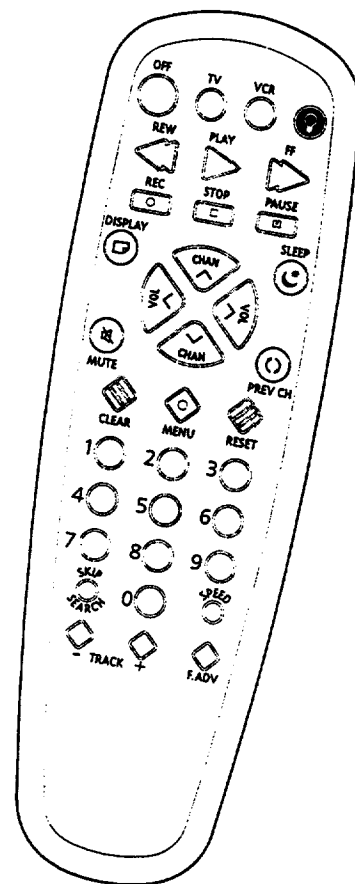
When you select ALERT SOUND:ON, as described below, a short warning will sound each time an invalid entry or operation is made and a timer program is set.

1. Press MENU to display TV/VCR MAIN MENU.
2. Press 5 to display the SETUP menu.
3. Press 5 to display the ALERT SOUND menu.
4. Press 1 or 2 to select ALERT SOUND:ON or OFF. The bullet (•) indicates the one selected.
  - Select ON if you want to sound a short warning.
  - Select OFF if you do not want to sound a short warning.

## Program Guard

When activated, this feature allows all TV operations but does not allow any VCR functions. (Note: The Commercial Skip timer cannot be activated if a tape is loaded in the TV/VCR and Program Guard is on.)

1. Hold down STOP on the remote for 6 seconds to activate or deactivate the Program Guard regardless of whether the power is turned ON or OFF.
  - The message **PROGRAM GUARD IS ON** or **PROGRAM GUARD IS OFF** will flash on the screen.
  - When Program Guard is first turned on or off, the power indicator light will flash for 8 seconds.
  - If you press any VCR function buttons while Program Guard is on, an on-screen display will appear and the power indicator light will flash for 8 seconds.
  - Program Guard must be turned off before you can stop a timer recording in progress.



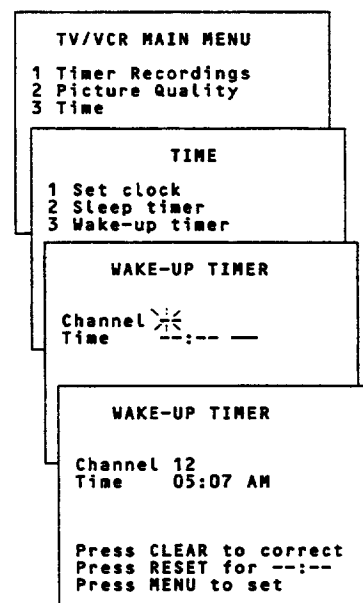
# Using the TV/VCR Features

## Wake-Up Timer

The timer turns the TV/VCR on at a desired time. You can set it to wake you up in the morning or remind you that a favorite program is about to start.

### To Set the Wake-Up Timer

1. Press **MENU** to display the TV/VCR MAIN MENU.
2. Press **3** to display the TIME menu.
3. Press **3** to display the WAKE-UP TIMER menu.
4. Using the number buttons on the remote enter the channel number and time.
  - After entering the time, press 1 for AM or 2 for PM. Example: press 5, then 0, then 7, then 2, for a time of 5:07PM.
  - Press **RESET** to correct an entry or press **RESET** to cancel the timer.
5. Press **MENU** to set the timer.
  - If set, the wake-up timer will turn on the TV/VCR every day. The **WAKE-UP** indicator on the front of your TV/VCR will light to show the timer has been set. (This indicator turns off during sleep mode.)
6. After the TV/VCR turns on your TV/VCR, you can turn off the set using the TV's **OFF** button or the **POWER** button on the TV/VCR control panel. If you do not turn off your TV/VCR, it will automatically turn off after one hour.



### To Cancel the Wake-Up Timer

Follow steps 1-3 above, press **RESET** to cancel the timer, and then press **MENU** to exit.

The timer is cancelled if **MENU** is pressed before step 4 above is completed.

## Sleep Timer

The sleep timer automatically turns the TV/VCR off after 30, 60, 90, or 120 minutes.

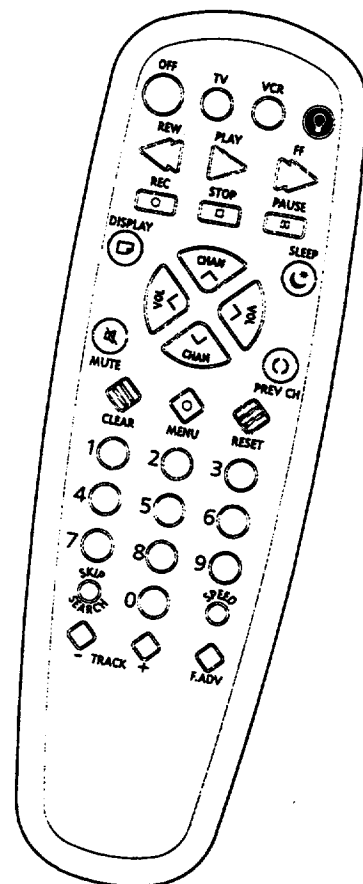
1. Repeatedly press **SLEEP**. Each press of the **SLEEP** button changes the amount of time as shown below.

Sleep Timer 0:00	Press SLEEP	Amt. of Time
	Twice	30 Minutes
	Three Times	1 Hour
	Four Times	90 Minutes
	Five Times	2 Hours
	Six Times	Timer Off

- If the sleep timer has already been set, the remaining time before the TV/VCR turns off is displayed on the screen.
2. To cancel the sleep timer, repeatedly press **SLEEP** until 0:00 is displayed on the screen.

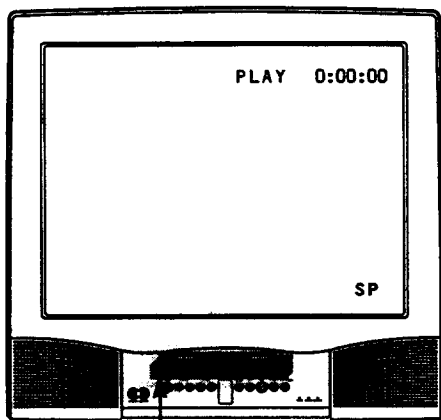
You can also set the sleep timer from the TV/VCR MAIN MENU.

- Display the **TIME** menu as shown above and press 2. Follow the directions on the screen. Press **SLEEP** or **CHAN**  $\wedge$  or  $\vee$  to change the amount of time. Press **MENU** to exit.



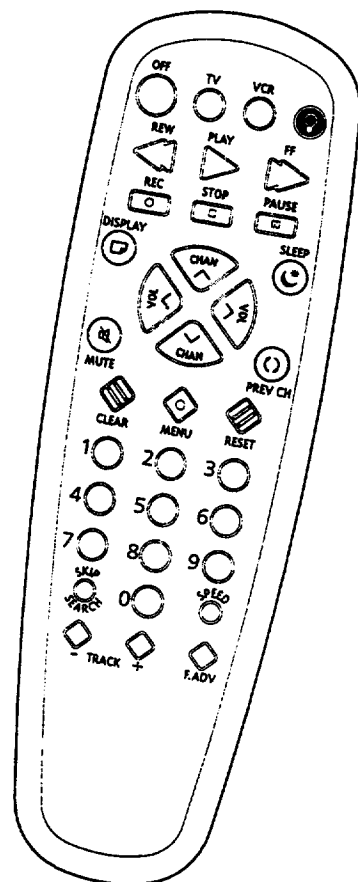
# Operating Instructions

## To Play a Tape



Safety Tab

1. Insert a tape in the TV/VCR.  
The TV/VCR automatically turns on. The tape automatically begins playback if the safety tab on the cassette has been removed and the Auto play feature is turned on.
2. Press PLAY, if necessary.  
PLAY, the time counter, and the tape speed will appear on the screen.
3. If necessary, press TRACK + or - on the remote or CH ^ or v on the TV/VCR while the tape is playing to remove any streaks from the picture. *Details are on page 14.*
4. Press STOP on the remote or STOP/EJECT on the TV/VCR to stop playback.
5. Press REW to rewind the tape. If the VCR is playing a tape when the REW button is pressed, the TV/VCR will search backwards through the tape. If the REW button is pressed while the TV/VCR is not playing a tape, the tape will rewind back to its start.
  - After the tape reaches its end, it will automatically rewind back to the beginning.
  - Pressing the remote's OFF button while the tape is rewinding will not stop the tape. The TV/VCR will turn off, but the tape will continue to rewind until it reaches its beginning.
6. While the tape is playing, press FF to search forward. While the tape is stopped, press FF to fast forward to another area of the tape.
7. Press STOP/EJECT on the front of the TV/VCR to eject the tape once it is completely rewound.  
A cassette may be ejected with the power turned off.



## Using the Playback Features

Pause, frame advance, picture search, and slow motion work best when you playback tapes that were recorded using the SLP recording speed.

### Pause

This feature pauses the tape in action and allows you to examine the details of the scene.

1. Press PAUSE on the remote during playback to pause the action.

The TV/VCR will automatically switch from pause to stop after a few minutes to prevent tape wear.

2. Press PAUSE or PLAY to return to playback.

### Frame Advance

Frame advance lets you view one frame at a time while in the PAUSE mode.

1. Press PAUSE during playback to pause the action.
2. Press F. ADV each time you want to move to the next frame of the scene.

Press and hold F. ADV to slowly advance frame-by-frame.

3. Press PAUSE or PLAY to return to playback.

### Picture Search

You can visually search a picture during playback. Sound is turned off during picture search.

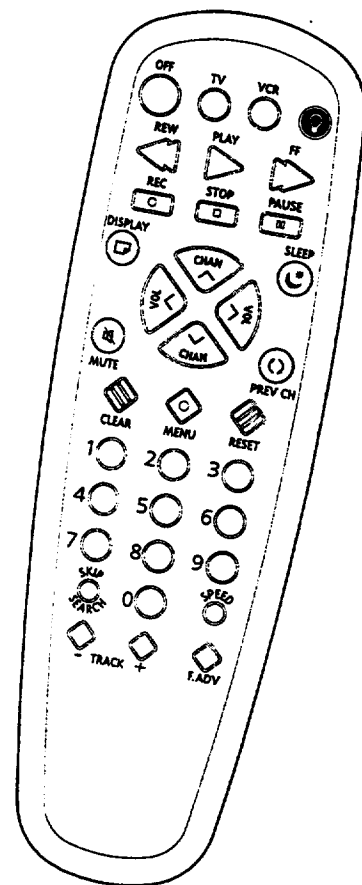
1. During playback, press FF to search forward or REW to search in reverse.
2. Press PLAY to return to normal playback.

### Slow Motion

You can view the picture in slow motion during play. Sound is turned off during slow-motion playback.

1. Press F. ADV during playback to begin slow motion.
2. Use TRACK + or - to remove any streaks from the picture.
3. Press F. ADV or PLAY to return to playback.

The TV/VCR will automatically switch from slow-motion playback to stop after a few minutes to prevent tape wear.



# Using the Playback Features

## Automatic Tracking

The TV/VCR has automatic tracking which adjusts the picture when playing a tape that was recorded on another VCR. Automatic tracking is turned on whenever a tape is inserted or the TV/VCR's power is turned on.

## Manual Tracking

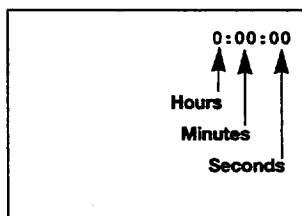
Occasionally, you may need to manually adjust tracking on a tape recorded on a different VCR or camcorder. Tracking is used when playing a tape. It has no effect during recording.

- When streaks or snow appear in the picture during normal playback or slow motion, press TRACK + or - on the remote or CH ^ or v on the TV/VCR for the best possible picture.
- To turn automatic tracking back on, simultaneously press and hold both of the CH buttons on the front of the TV/VCR for 2 seconds.

## Time Counter

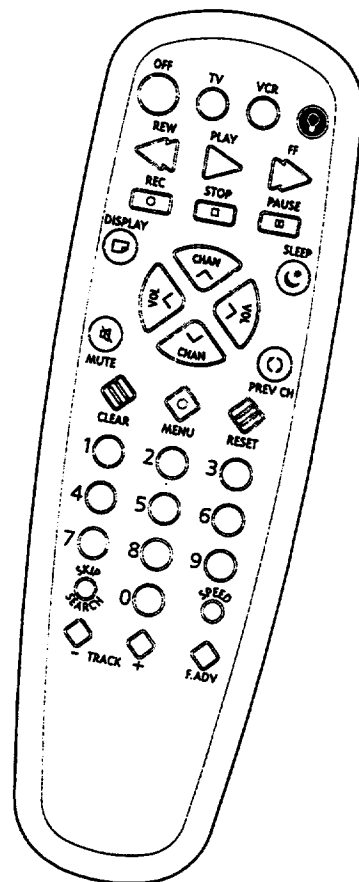
The time counter helps locate the beginning or end of programs you taped. The time counter automatically resets to 0:00:00 whenever a tape is inserted, or you can press CLEAR when the time counter is displayed. For example, if a 30-minute program was recorded at the beginning of the tape and you want to record another program after it, you should:

1. Insert the pre-recorded tape.
2. Press DISPLAY twice to display the time counter.



3. Press FF to fast forward the tape until the time counter reads 0:30:00.

This is the approximate end of the program and you can begin recording at this spot. (You still might want to verify this by playing the tape.)





# Using the Playback Features

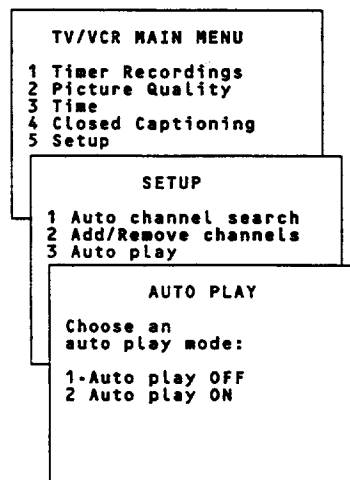
## Auto Play Feature

This feature lets you tell the TV/VCR whether you want it to automatically start playing a tape that is inserted with the safety tab removed.

1. Press MENU to display the TV/VCR MAIN MENU.
2. Press 5 to display the SETUP menu.
3. Press 3 to display the Auto play menu.
4. Press 1 or 2 to select Auto play OFF or ON. The bullet (•) indicates the one selected.

Select OFF if you do not want the tape with its safety tab removed to start playing automatically.

Select ON to have a tape with its safety tab removed start playing automatically. (Most pre-recorded tapes have the safety tab removed.)



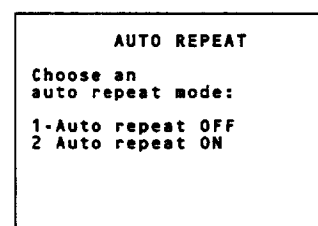
## Auto Repeat Feature

This feature tells the TV/VCR to play a tape over and over. When Auto repeat ON is selected, the TV/VCR will play the tape to the end, automatically rewind the tape, and play the tape again.

1. Press MENU to display the TV/VCR MAIN MENU.
2. Press 5 to display the SETUP menu.
3. Press 4 to display the Auto repeat menu.
4. Press 1 or 2 to select Auto repeat OFF or ON. The bullet (•) indicates the one selected.

Select OFF if you do not want the tape to repeat.

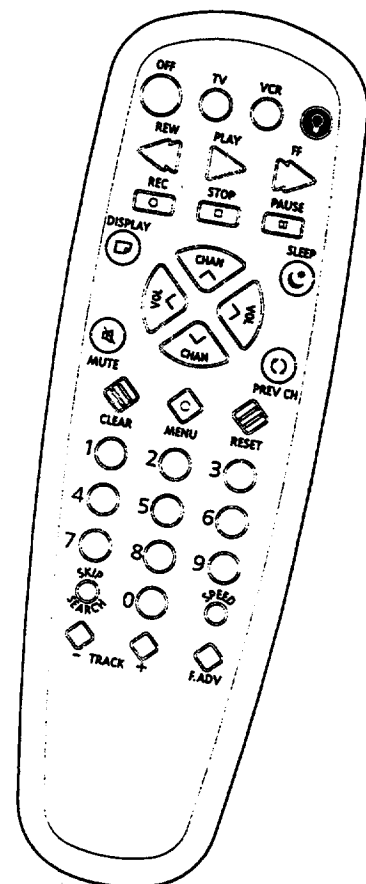
Select ON to repeat the tape. The REPEAT indicator lights in the TV/VCR's front panel during repeat play.



## Commercial Scan

This is useful for skipping commercials or short program segments.

1. Press SKIP/SEARCH during playback to advance the tape approximately 30 seconds.



## Using the Playback Features

### Index Search

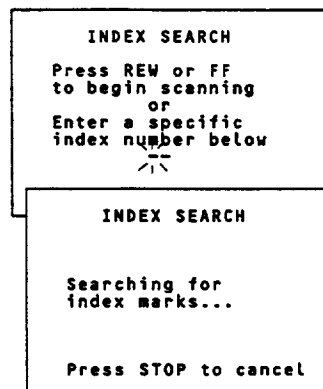
The TV/VCR automatically records index marks on the tape each time you begin recording. During playback you can locate the program you want to play by the number of index marks. Your TV/VCR has two index playback features. You can select a specific index number or search by scan and play.

#### To Select Scan and Play Index Playback

1. Insert the pre-recorded tape and press STOP.
2. Press SKIP/SEARCH to display the INDEX SEARCH screen.
3. Press FF to scan forward or REW to scan in reverse.  
When the TV/VCR locates an index mark, it will stop and play a few seconds of the program following the mark.

4. At any time during the search, press PLAY to stop searching and begin playback, or press STOP to stop the search.

If the beginning or end of the tape is reached during the search, the message **Scan completed-end of tape** will appear.



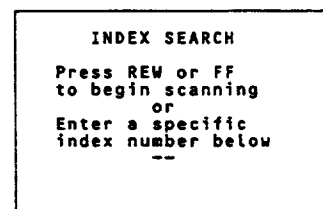
#### To Select a Specific Index Number for Index Playback

1. Insert the pre-recorded tape and press STOP.
2. Press SKIP/SEARCH to display the INDEX SEARCH screen.
3. Use the number buttons to enter the number of index marks for which you want the TV/VCR to search.
4. Press FF to search forward or REW to search in reverse.  
When the TV/VCR locates the index mark, it will begin playback.

If the specified index mark is not found during the search, the message **Index -- was not found** appears.

When using index playback, the following index marks may be skipped by the TV/VCR.

- The mark closest to the current location on the tape.
- The mark at the beginning of a recorded segment of five minutes or less.
- The mark at the beginning of the tape.



## Using the Playback Features

### Zero Search

This feature allows you to quickly return to a time counter reading of 0:00:00. This is especially convenient when you want to watch a segment of the tape several times.

1. Insert the pre-recorded tape. Press STOP.
2. Press DISPLAY twice to display only the time counter.
3. Use PLAY, FF, or REW to locate the start of the segment you want to repeat.
4. Press CLEAR to reset the time counter to 0:00:00.
5. Continue playing the tape and press STOP when you reach the end of the segment you want to repeat.
6. Press SKIP/SEARCH twice to display the ZERO SEARCH screen. The current time counter is displayed.
7. Press REW to return to 0:00:00. The time counter is displayed in the upper right corner of the screen during the search. If the current time counter has a minus in front of it, press FF.

```
ZERO SEARCH
Current tape counter is
0:12:34
Press REW to go to
0:00:00
Press SEARCH to exit
```

```
ZERO SEARCH
Current tape counter is
-0:12:34
Press FF to go to
0:00:00
Press SEARCH to exit
```

### Blank Search

The TV/VCR will search for blank portions of the tape that are more than six seconds in length.

1. Insert the pre-recorded tape and press STOP.
2. Press SKIP/SEARCH three times to display the BLANK SEARCH screen.
3. Press FF to begin searching for a segment of at least six seconds of blank tape.  
If a blank area is not found, the message **Search completed-end of tape** appears.
4. Press STOP to stop BLANK SEARCH.

```
BLANK SEARCH
Press FF to begin
searching for blank
section of tape.

Press SEARCH to exit
```

# Recording Features

## Recording Speeds

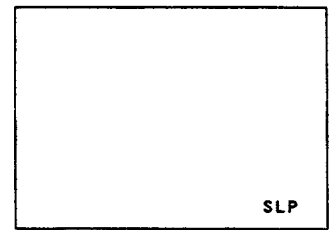
Press SPEED to select a recording speed.

Cassette	Recording Time	
	SP	SLP
T-120	2Hr	6Hr
T-160	2Hr 40Min	8Hr

- SP (Standard Play) gives the best quality recording. That is why most pre-recorded, rental tapes are recorded in SP. Fewer programs, however, can be recorded on the tape.
- SLP (Super Long Play) gives three times the recording time of tapes recorded in SP.

### Special Effects During Playback

- Pause, frame advance, picture search, and slow motion work best for tapes recorded in SLP speed.



SLP



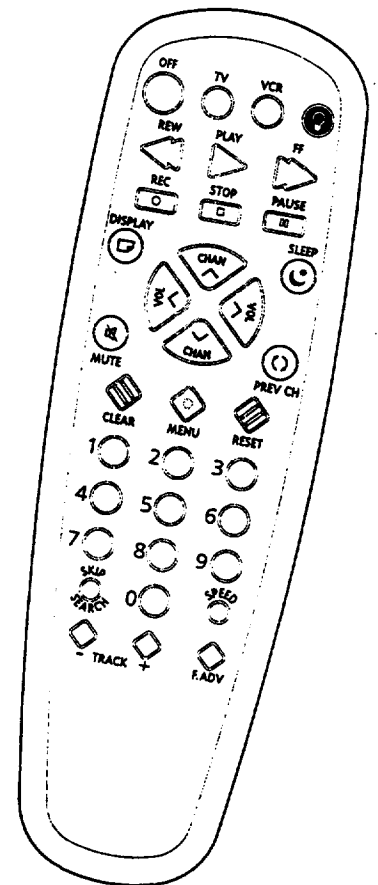
Tape Speed Indicator

## Recording Pause

This feature allows you to prevent recording short passages of unwanted material.

- Press PAUSE during recording to stop and start recording.

The TV/VCR will automatically switch from pause to stop after a few minutes to prevent tape wear.



## Types of Recordings

Your TV/VCR provides different types of recording. These types are explained in the following sections:

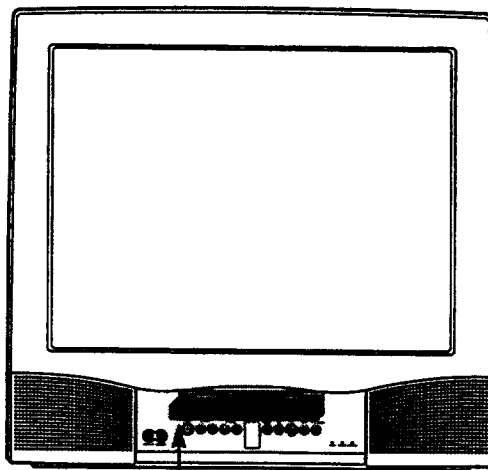
- Basic Recording – Operating Instructions
- Express Recording
- Recording While You're Away
- Timer Recording
- Copying and Editing Tapes

## Basic Recording – Operating Instructions

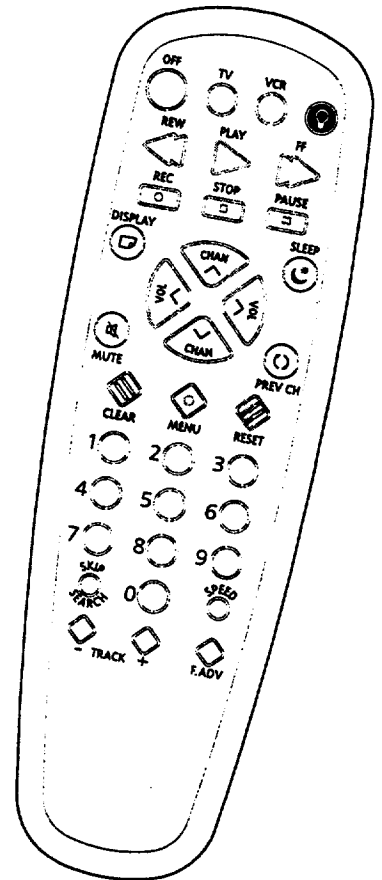
### To Make a Recording

1. Insert a tape with safety tab in place.
2. Press SPEED to select a recording speed.  
The tape speed indicator appears.
3. Select the channel to be recorded. If recording from the AUDIO/VIDEO IN jacks, press 00 to select the line input (VIDEO).  
The channel number or VIDEO appears.
4. Press REC to begin recording.  
The indicator in the REC button on the front of the TV/VCR turns on during recording and RECORD appears on the screen.
5. Press STOP/EJECT on the TV/VCR or STOP on the remote to stop recording.

**Note:** If a tape with the safety tab removed is loaded into the TV/VCR and the RECORD button on the front of the TV/VCR or the remote's REC button is pressed, the tape will automatically eject from the TV/VCR. Tapes with the safety tab removed cannot be recorded on. (See below illustration for safety tab location.)



Safety Tab



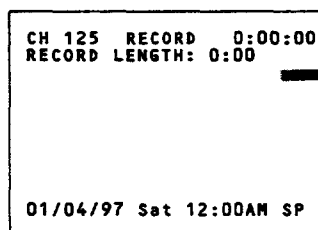
# Express Recording

Express recording lets you record up to four hours or to the end of the tape without programming the timer. You can begin recording immediately. The TV/VCR will stop automatically at the end of the recording.

## Operating Instructions

1. Insert a tape with safety tab in place. The TV/VCR will turn on.
2. Select the channel to be recorded.  
If recording from the AUDIO/VIDEO IN jacks, press 00 to select the line input (VIDEO).
3. Press SPEED to select a recording speed. You can also change the speed of an express recording in progress.
4. Press REC repeatedly until the desired amount of recording time is displayed. Each press of REC increases the time. See chart below for time increments.

Press REC	Recording Time
0:30	(30 Min)
1:00	(1 Hr)
1:30	(1 Hr, 30 Min)
2:00	(2 Hrs)
3:00	(3 Hrs)
4:00	(4 Hrs)
Tape end	(Tape end)
0:00	(Turns Off)



Display

The TIMER indicator on the TV/VCR's front panel will light during express recording.

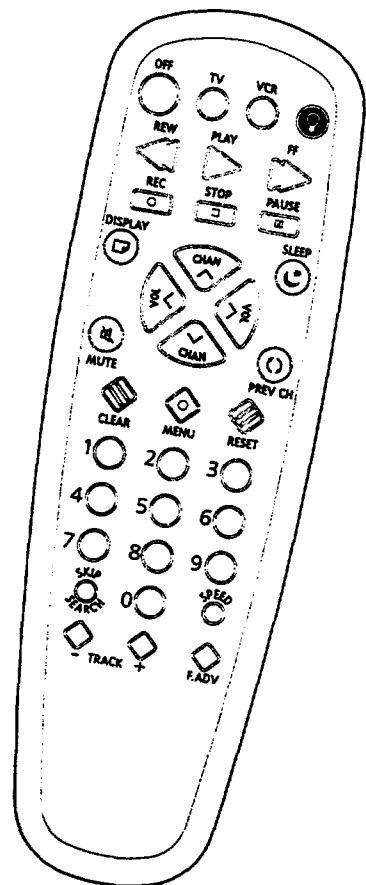
During express recording, press REC to display the time remaining on the screen. Press REC again to increase the recording time.

## Stopping an Express Recording in Progress

Press STOP/EJECT on the TV/VCR or STOP on the remote to stop the express recording.

— OR —

Repeatedly press REC until RECORD LENGTH: 0:00 appears.



## Recording While You're Away (Timer Recording)

Timer recording lets you program the TV/VCR to record up to eight different programs within a one year period. This is useful if you plan on being away from home for a long period of time. Before setting the timer, make sure that the clock is set correctly.

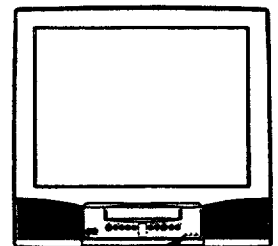
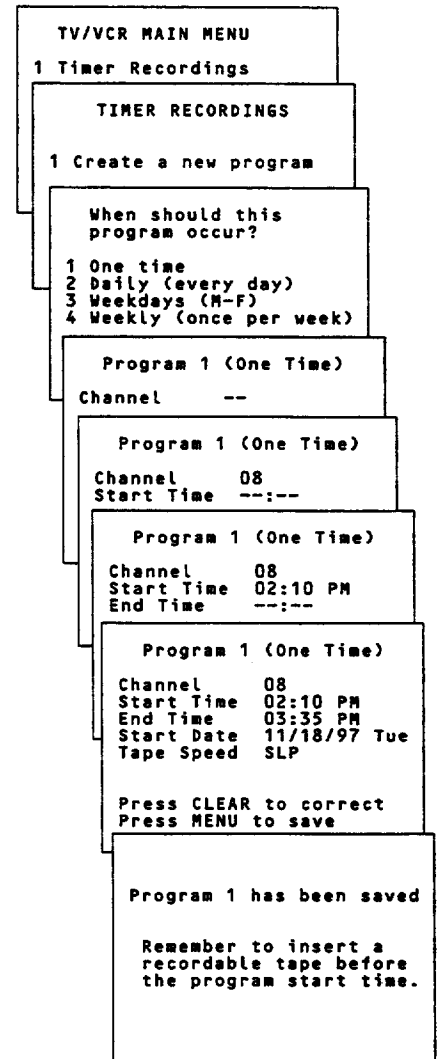
### Setting a Timer Recording

1. Press MENU to display the TV/VCR MAIN MENU.
2. Press 1 to display the TIMER RECORDINGS menu.
3. Press 1 to Create a new program.
4. Press 1, 2, 3, or 4 to select the type of program.
  - 1 One time — single program recorded once.
  - 2 Daily — program recorded at same time every day.
  - 3 Weekdays — program recorded at same time Monday through Friday.
  - 4 Weekly — program recorded at same time every week.
5. Press number buttons to enter the channel number, start time including AM or PM, end time, and start date of the recording. Just follow the on-screen prompts.
  - If recording from the AUDIO/VIDEO IN jacks, press 00 to select the line input (VIDEO) instead of a channel.

Press CLEAR to correct an entry.
6. Press SPEED, 1(SP), or 2(SLP) on the remote to select the recording speed.
7. Press MENU to save your program.
  - If you have entered two programs whose times overlap, the message **PROGRAMS OVERLAP** appears on the screen.
8. Repeat steps 3 – 7 for additional programs.
9. Insert a tape with safety tab intact before the recording is to begin.
 

The **TIMER** indicator lights in the TV/VCR's front panel.

If you turn the TV/VCR off, the **TIMER** indicator will flash if there is no cassette in the TV/VCR or the safety tab is missing from the cassette.
10. If using a cable box or satellite receiver, turn it on and tune it to the channel you want to record before time for the recording to begin.

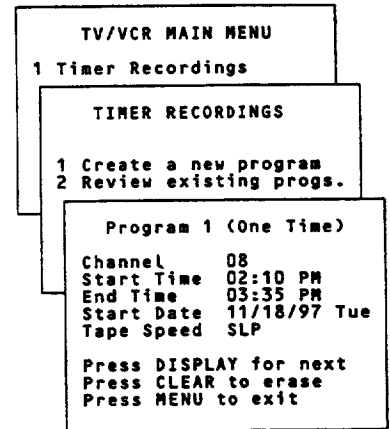


TIMER Indicator

# Recording While You're Away (Timer Recording)

## Checking or Clearing Timer Recordings

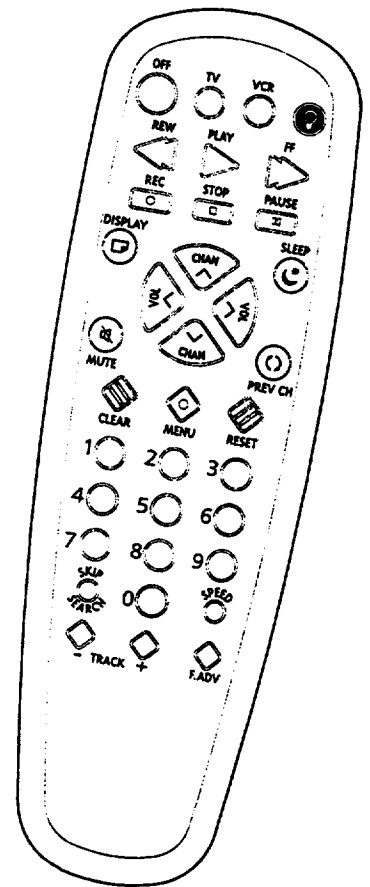
1. Press MENU on the remote to display the TV/VCR MAIN MENU.
2. Press 1 to display the TIMER RECORDINGS menu.
3. Press 2 to Review existing progs. (programs).
4. Press DISPLAY to review the next program in sequence.
5. Press CLEAR to erase a program.



## Stopping A Timer Recording

1. Press STOP/EJECT on the TV/VCR or STOP on the remote.

A timer program in progress will be stopped. Only today's recording of a daily, weekdays, or weekly program is canceled. The daily, weekdays, or weekly program remains in the timer unless the program is erased as mentioned in step 5 above.





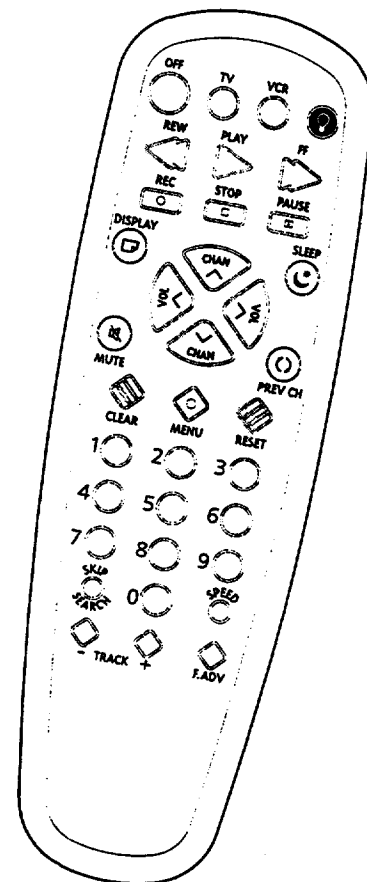
# Copying and Editing Tapes

## Operating Instructions (Refer to hookup on page 28.)

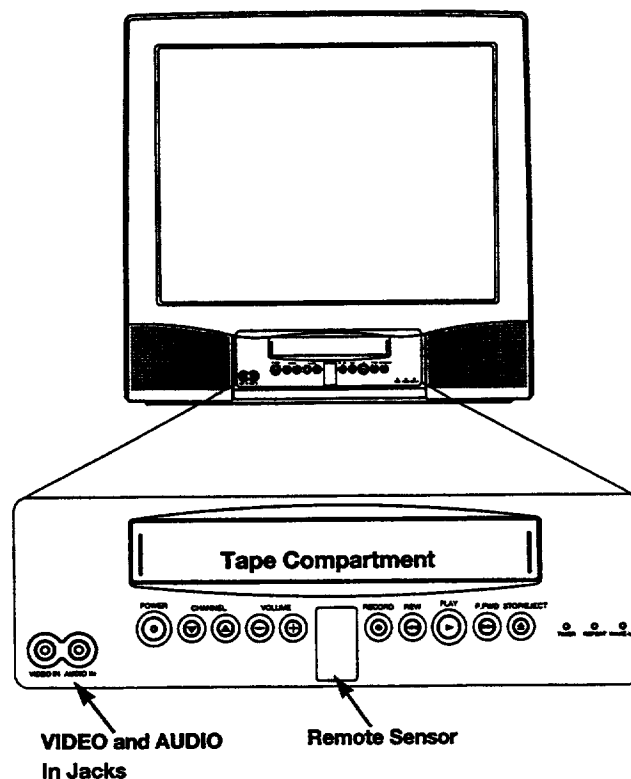
**Caution:** The unauthorized recording of television programs and other materials may infringe upon the rights of others.

- Use another VCR or camcorder as the playback VCR and the TV/VCR as the recording VCR.
1. Turn on the VCR or camcorder and the TV/VCR.
  2. Press 00 on TV/VCR's remote to select the line input (VIDEO).
  3. Insert the tape you want to copy into the playback VCR or camcorder. Insert a blank tape with safety tab intact into the TV/VCR.
  4. Start the playback VCR or camcorder playing. If the tape was not recorded on the playback VCR, streaks may appear and you may need to adjust the tracking. When you reach the place you want to begin copying, place the playback VCR or camcorder in PAUSE.
  5. Press REC, then PAUSE, on the TV/VCR's remote.
  6. Press PAUSE on both the VCR or camcorder and the TV/VCR's remote at the same time to begin copying the tape.
  7. Edit out segments that you do not want to copy by pressing PAUSE on the TV/VCR's remote to stop copying the tape. Then, locate the next segment you want to copy on the playback VCR or camcorder by using FF, REW, and PLAY. Press PAUSE on the playback VCR or camcorder. Press PAUSE at the same time on both the VCR or camcorder and the TV/VCR's remote to resume copying.
  8. Press STOP on both the VCR or camcorder and the TV/VCR's remote when you are finished.

VIDEO



## Location of Controls — Front Panel



### VIDEO and AUDIO In Jacks

Receives signals from another component, such as a VCR or camcorder, when it is connected to these jacks.  
To select these jacks, press 00 to display VIDEO.

### POWER

Turns the TV/VCR on or off. The indicator in the button is lit when the power is on.

### CHANNEL ▲ and ▼

Selects next higher or lower channel in the TV/VCR's channel memory.  
Used for tracking when a tape is playing.

### VOLUME – and +

Press to lower or raise the sound.

### RECORD

Press to start TV/VCR recording. The indicator in the button is lit during recording.

### REW (Rewind)

Rewinds the tape when the TV/VCR is stopped. Searches the picture in reverse during playback.

### PLAY

Plays a tape.

### F. FWD (Fast-Forward)

Fast forwards the tape when the VCR is stopped. Searches the picture forward during playback.

### STOP/EJECT

Stops normal functions — such as record, playback, rewind, fast-forward, or pause.  
Press when a tape is stopped to eject the cassette.

### TIMER Indicator

Indicator is lit when a timer program has been set and a cassette with safety tab in place is in the TV/VCR.

This indicator flashes when the TV/VCR is turned off and a timer program has been set and no cassette has been inserted. Flashing also occurs when the TV/VCR is turned off and a timer program has been set and a cassette with no safety tab is inserted.

The indicator will not flash when the TV/VCR is turned on and no tape is inserted or the safety tab has been removed from a tape that is inserted.

This indicator also flashes when there has been a power interruption or if the clock has not been set.

### REPEAT Indicator

Lights if a tape is playing and the Auto Repeat feature is turned on.

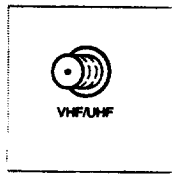
### WAKE-UP Indicator

Indicator is lit when the wake-up timer has turned on the TV/VCR.

### Remote Sensor

Receives signals from the remote. Aim remote at this sensor with no objects between them.

## Location of Controls — Back Panel



### VHF/UHF (Antenna) Connector

Receives the signal from an antenna or cable system.

## Choosing a Hookup

Answer the questions to choose the hookup for your TV/VCR.

### 1. How do you receive your TV signals?

Choose one answer from below.

- A. Antenna – Turn to page 26.
- B. Cable System – Go to question 2.

### 2. What type of Cable-TV system\* do you have?

Choose one answer from below.

- A. Cable without a box – Turn to page 26.
- B. Cable box to unscramble all channels – Turn to page 27.
- C. Cable box to unscramble only premium channels, such as HBO, Showtime, Cinemax, etc. – Turn to page 27.

\*You may need to contact your local cable company for assistance.

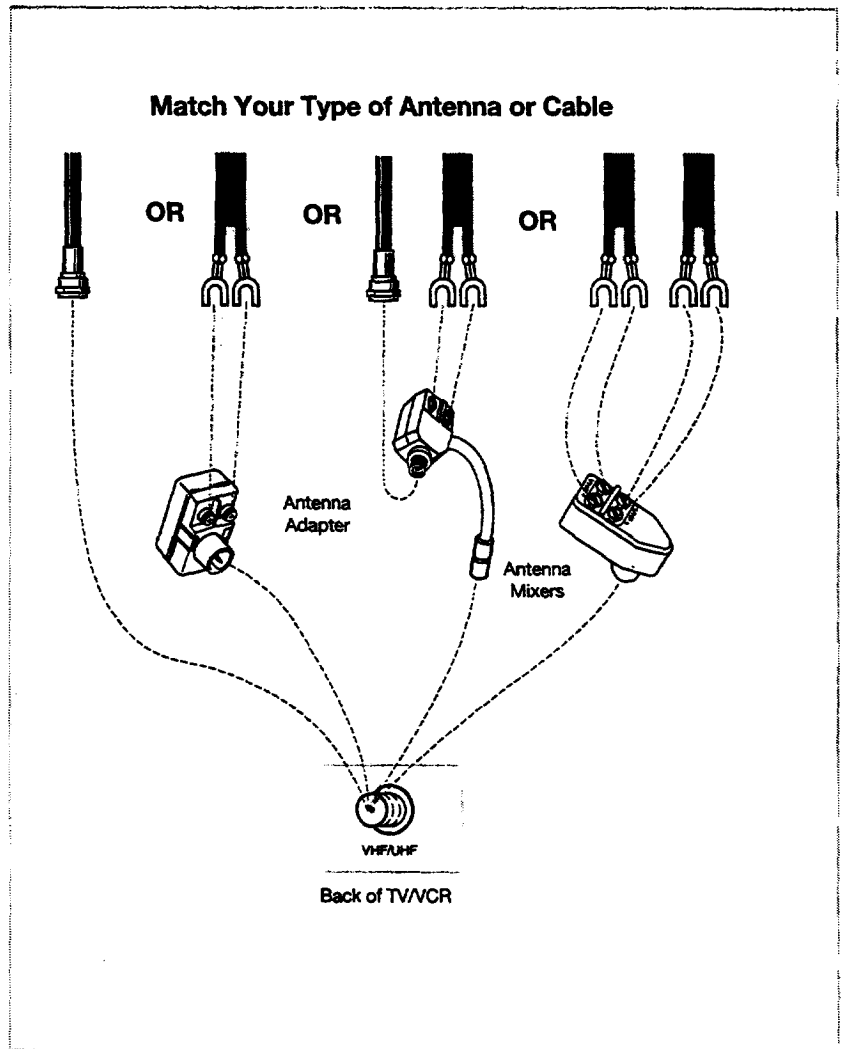
## Optional Hookup

**To hook up a VCR or camcorder for copying tapes — turn to page 28.**

# Connect Antenna or Cable System Without a Cable Box

## Antenna or Cable System Without a Cable Box

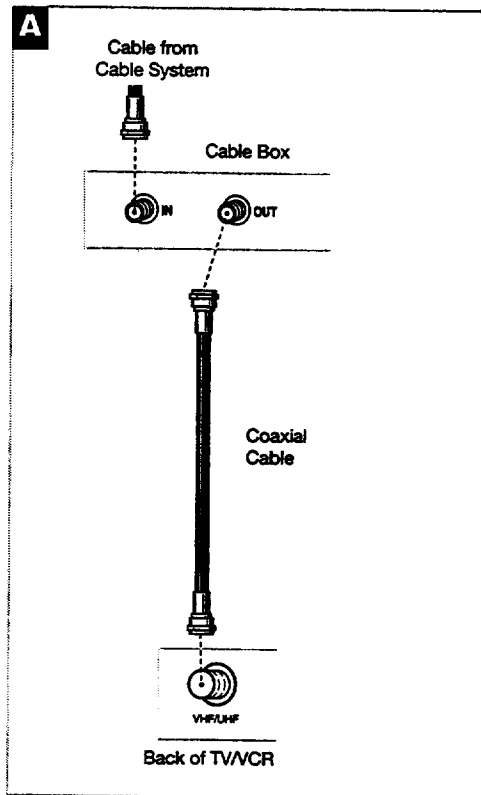
1. Connect as shown.  
This connection may require additional accessories not provided.
2. Plug in TV/VCR's power cord.
3. Turn to page 2 for "Setting Up the TV/VCR."



# Connect a Cable System With a Cable Box

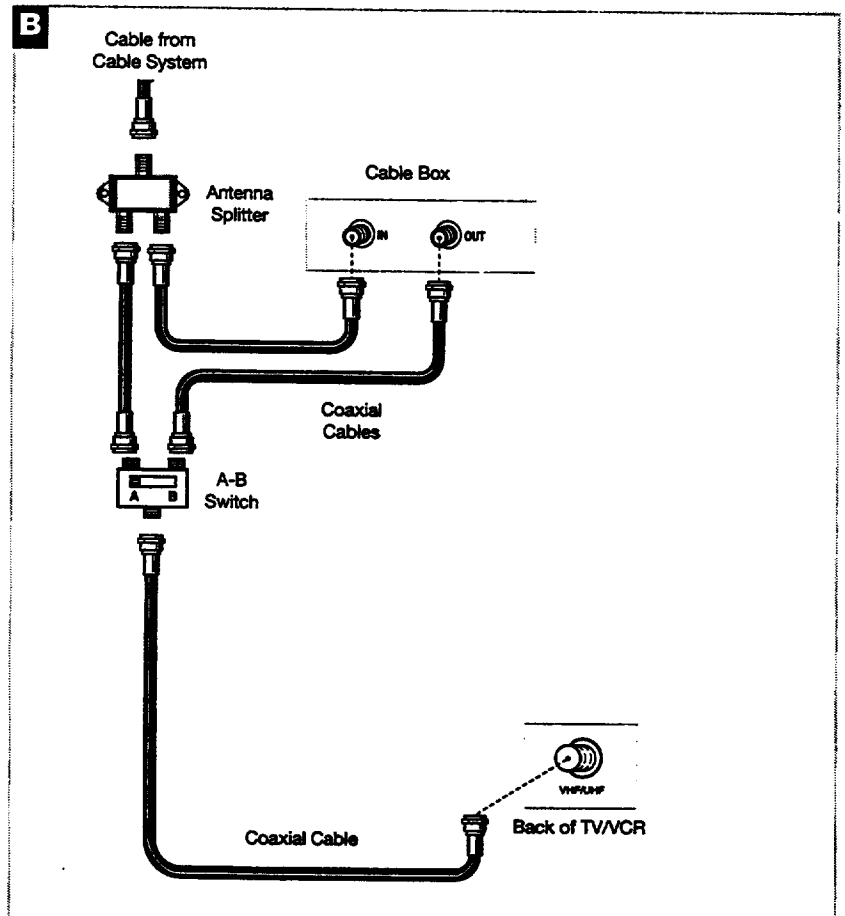
## A. Cable Box Required to Unscramble All Channels

1. Connect as shown.  
This connection may require additional accessories not provided.
2. Plug in power cords of TV/VCR and cable box.
3. Turn to page 2 for "Setting Up the TV/VCR."



## B. Cable Box Required to Unscramble Only Premium Channels

1. Connect as shown.  
This connection requires additional accessories not provided.
2. Plug in power cords of TV/VCR and cable box.
3. Operation  
Place the A-B switch in the B position to watch premium channels. Place the A-B switch in the A position to watch other channels when cable box is not needed.
4. Turn to page 2 for "Setting Up the TV/VCR."



# Connect a VCR or Camcorder for Copying Tapes

## A. VCR for Copying Tapes

**1. Connect as shown.**

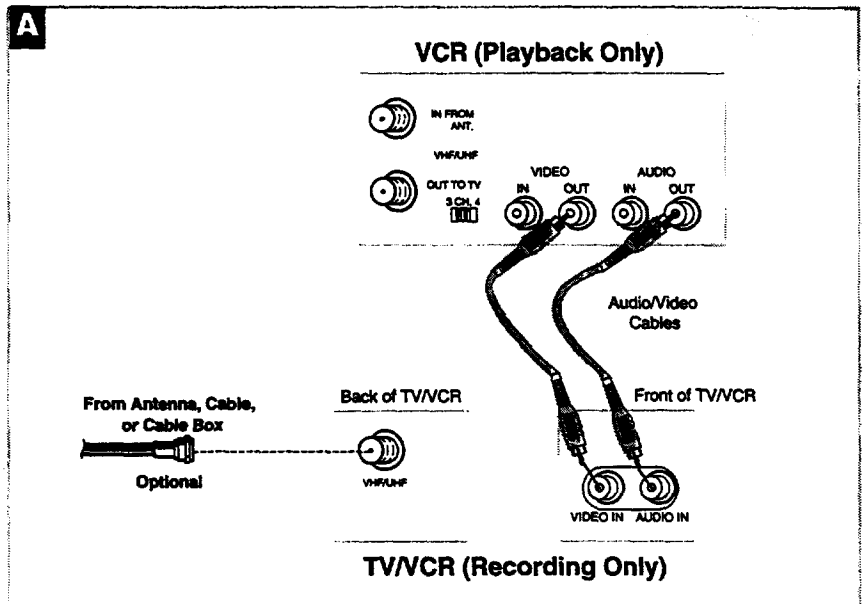
This connection requires additional accessories not provided.

**2. Plug in power cords of VCR and TV/VCR.**

**3. Turn to page 23 for "Copying and Editing Tapes."**

Press 00 on the remote to select the line (audio/video) input on the TV/VCR to receive the signal from the VCR.

If your VCR has stereo AUDIO OUT jacks, connect the audio cable to the jack labeled MONO. If neither jack is labeled MONO, you may need a Y- adapter to hear both channels.



## B. Camcorder for Copying Tapes

**1. Connect as shown.**

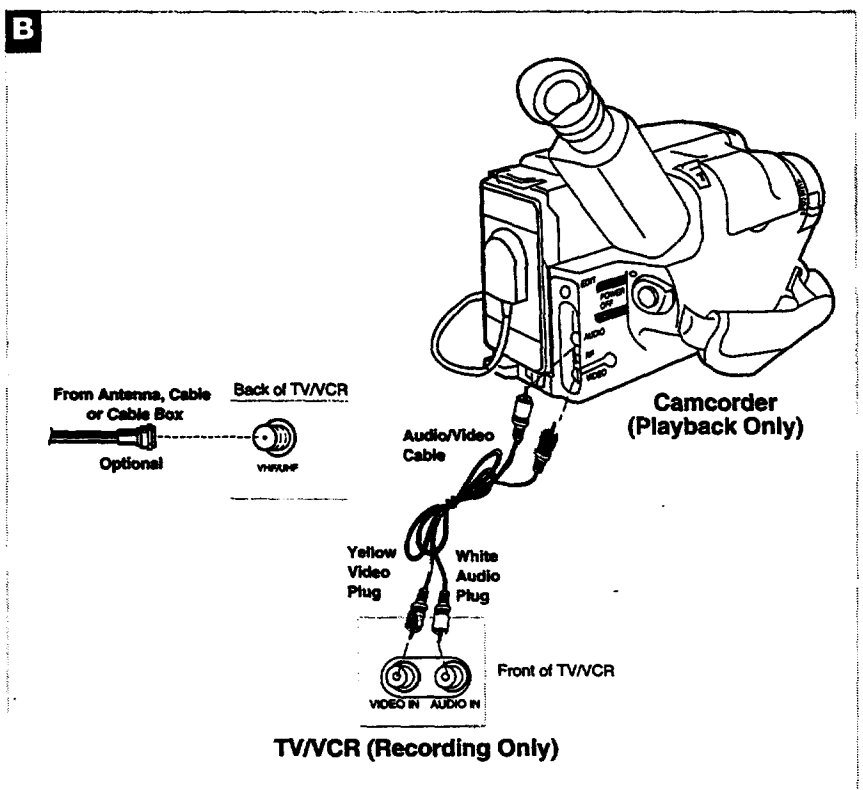
This connection requires additional accessories not provided.

**2. Plug in TV/VCR's power cord.**

**3. Turn to page 23 for "Copying and Editing Tapes."**

Press 00 on the remote to select the line (audio/video) input on the TV/VCR to receive the signal from the camcorder.

If your camcorder has stereo AUDIO OUT jacks, you may need a Y- adapter to hear both channels.



**Caution:** The unauthorized recording of television programs and other materials may infringe upon the rights of others.

## **Cleaning the TV/VCR**

You can clean the TV/VCR as required, using a soft cloth or the dusting attachment for your vacuum cleaner. Be sure to occasionally vacuum the ventilation slots in the cabinet to help assure adequate ventilation.

To clean the TV/VCR screen, use a soft cloth dampened with a diluted soap and water mixture. Do not use furniture polish on the TV/VCR cabinet or screen.

While cleaning, do not spray liquid directly on the screen, or allow liquid to run down the screen and inside the TV/VCR. Also, avoid placing drinks or vases with water on top of the TV/VCR. This could increase the risk of fire or shock hazard or damage to the TV/VCR.

## Trouble Checks

Sometimes problems can be easily solved by checking a few basic things. Check below before you call for help or take your TV/VCR to an Authorized VCR Servicenter.

Trouble	Here's what to try:
No power	<ul style="list-style-type: none"> <li>• Plug TV/VCR into an operating outlet.</li> <li>• Check connections.</li> </ul>
TV/VCR does not respond to remote	<ul style="list-style-type: none"> <li>• Aim remote at TV/VCR's remote sensor with no objects between them.</li> <li>• Change batteries.</li> <li>• Make sure that program guard is turned off. (See page 10.)</li> </ul>
Poor or no picture for normal TV viewing	<ul style="list-style-type: none"> <li>• Switch to an active channel.</li> <li>• Check antenna connections.</li> <li>• Check video adjustments. <i>See pages 8 and 9.</i></li> <li>• Make sure the line input is not selected.</li> </ul>
No sound	<ul style="list-style-type: none"> <li>• Turn up the volume to increase sound.</li> <li>• Sound has been muted. Press MUTE on remote or VOL up.</li> </ul>
Snow or streaks in picture or no picture during tape playback	<ul style="list-style-type: none"> <li>• Check tape — it may be worn out or of poor quality. Try another tape.</li> <li>• Some snow/streaks are normal during search, pause, frame advance, and slow-motion playback.</li> <li>• Press one of the TRACKING buttons on the remote or CH up or down on the TV/VCR to move the streaks up or down and out of the picture.</li> </ul>
Will not record or play	<ul style="list-style-type: none"> <li>• No cassette in TV/VCR.</li> <li>• Eject and re-insert cassette.</li> <li>• Broken tape — try another cassette.</li> <li>• Safety tab removed from cassette — TV/VCR will not record.</li> <li>• Make sure that program guard is turned off. (See page 10.)</li> </ul>
Cannot insert or eject tape	<ul style="list-style-type: none"> <li>• Insert cassette with window facing up and safety tab facing out.</li> <li>• To remove cassette, TV/VCR must be connected to working outlet.</li> <li>• Turn POWER off and then on before trying to insert or remove cassette.</li> </ul>
Time counter not working	<ul style="list-style-type: none"> <li>• Press DISPLAY on remote to display time counter on screen. <i>See page 14.</i></li> <li>• The time counter does not advance during unrecorded portions of tape. When an unrecorded segment of tape is encountered, the time counter will hold its count until recorded material is detected again.</li> <li>• A minus (-) will appear in front of the time if you rewind the tape farther back than a counter reading of 0:00:00.</li> </ul>
Rewind does not operate	<ul style="list-style-type: none"> <li>• Tape already rewind.</li> <li>• Make sure that program guard is turned off. (See page 10.)</li> </ul>
Timer recording not made or wrong program recorded	<ul style="list-style-type: none"> <li>• Program entered incorrectly (wrong channel or times).</li> <li>• Cable box was not turned on at time recording was to begin.</li> <li>• Power interruption. TIMER indicator flashes on front of TV/VCR.</li> <li>• Check to see if time and date are correct — including AM/PM.</li> <li>• Program exceeded tape's length or tape was not rewound beforehand.</li> <li>• No tape in TV/VCR, or cassette ejected if safety tab broken off.</li> <li>• Make sure that program guard is turned off. (See page 10.)</li> </ul>



## Trouble Checks

Trouble	Here's what to try:
Clock shows incorrect time or date	<ul style="list-style-type: none"> <li>• Power interruption. TIMER indicator flashes on front of TV/VCR.</li> <li>• Clock was not set accurately (check AM/PM and date).</li> <li>• Time zone or daylight savings time information incorrect. <i>See page 4.</i></li> </ul>
TV/VCR makes noise when stopped	<ul style="list-style-type: none"> <li>• TV/VCR is removing tape from heads. This is normal. The head cylinder inside the TV/VCR will continue to rotate for a few minutes after you put the VCR in the stop mode.</li> </ul>
Will not auto channel search active channels correctly	<ul style="list-style-type: none"> <li>• Check antenna or cable connections.</li> </ul>
Tape plays back in slow motion	<ul style="list-style-type: none"> <li>• Press PLAY to return to normal playback.</li> </ul>
Cannot see closed captions on screen	<ul style="list-style-type: none"> <li>• Closed caption function must be set to on. <i>See page 10.</i></li> <li>• Station may not be broadcasting closed captions.</li> </ul>
Box or closed captions appear on screen	<ul style="list-style-type: none"> <li>• A text or closed caption feature has been selected. <i>See page 10.</i></li> <li>• MUTE button has been pressed and automatic caption feature has been turned on. <i>See page 10.</i></li> </ul>
TIMER indicator flashing on front of TV/VCR	<ul style="list-style-type: none"> <li>• Power interruption. Check clock. <i>See page 4.</i></li> <li>• Timer program set and TV/VCR turned off with no cassette or cassette with no safety tab inserted. <i>See page 21.</i></li> </ul>
Tape plays over and over	<ul style="list-style-type: none"> <li>• Auto repeat play turned on. <i>See page 15.</i></li> </ul>
Tape starts playing automatically	<ul style="list-style-type: none"> <li>• Auto play feature turned on. <i>See page 15.</i></li> </ul>
TV/VCR turns off automatically	<ul style="list-style-type: none"> <li>• Sleep timer turned on. Press POWER to turn TV/VCR back on.</li> </ul>
TV/VCR turns on automatically	<ul style="list-style-type: none"> <li>• Wake-up timer (alarm) turned on. <i>See page 11.</i></li> </ul>
Cannot record one program while watching a different program	<ul style="list-style-type: none"> <li>• TV/VCR only has one tuner. Only one program can be watched and/or recorded at any time.</li> </ul>

## Limited Warranty

### What your warranty covers:

- Any defect in material or workmanship.

### For how long after your purchase:

- Ninety days for labor charges.
- Two years for picture tube.
- One year for parts.

(The warranty period for rental units begins with the first rental or 45 days from date of shipment to the rental firm, whichever comes first.)

### What we will do:

- Pay any Authorized RCA VCR Servicenter the labor charges to repair your TV/VCR.
- Pay any Authorized RCA VCR Servicenter for the new or, at our option, refurbished replacement parts and picture required to repair your TV/VCR.

### How you get service:

- For screen sizes of 20" and smaller:  
Take your RCA TV/VCR to any Authorized RCA VCR Servicenter and pickup when repairs are complete.
- For screen sizes larger than 20":  
Request home service from any Authorized RCA VCR Servicenter.
- To identify your nearest Authorized RCA VCR Servicenter, ask your dealer, look in the Yellow Pages, or call 1-800-336-1900.
- Show the Authorized Servicenter Representative your sales receipt or other evidence of purchase date.

### What your warranty does not cover:

- Customer instruction. (Your owner's manual clearly describes how to install, adjust, and operate your TV/VCR. Any additional information should be obtained from your dealer.)
- Installation and related adjustments.
- Signal reception problems not caused by your TV/VCR.
- Damage from misuse or neglect.
- Cleaning of video/audio heads.
- Customer Replacable fuses.
- Images burnt onto the screen.
- Batteries.
- A TV/VCR that has been modified or incorporated into other products or is used for institutional or other commercial purposes.
- A TV/VCR purchased or serviced outside the USA.
- Acts of God, such as but not limited to lightning charge.

### Product Registration:

- Please complete and mail the Product Registration Card packed with your TV/VCR. It will make it easier to contact you should it ever be necessary. The return of the card is not required for warranty coverage.

### How state law relates to this warranty:

- This warranty gives you specific legal rights, and you also may have other rights that vary from state to state.

### If you purchased your TV/VCR outside the United States:

- This warranty does not apply. Contact your dealer for warranty information.


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For your nearest Authorized Servicenter  
call toll-free in the U.S.A.

1-800-336-1900

If your TV/VCR needs service, please contact your dealer or  
the nearest servicenter from the yellow pages. Please do not  
send any products to the Indianapolis address listed in this  
manual or on the carton. This will only add delays in service  
for your product.

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