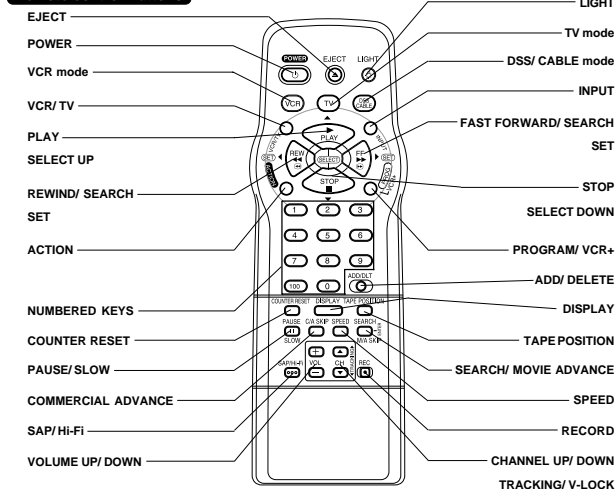


Location of Controls

Remote control Buttons

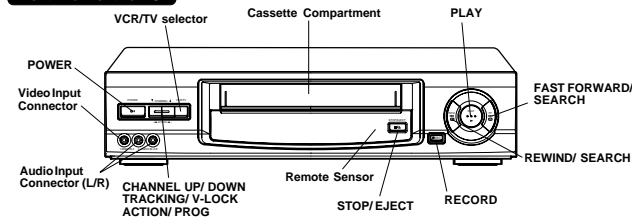


Light Tower Universal Remote Control

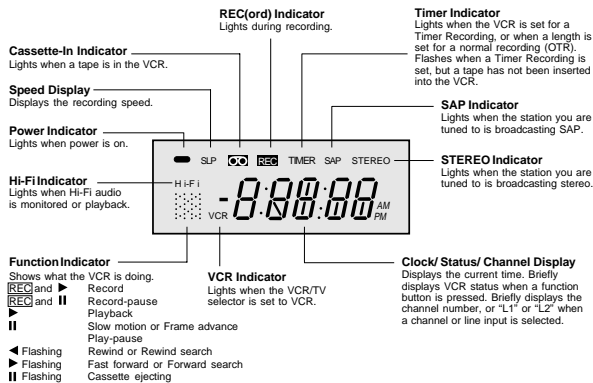
Light button: When the LIGHT button is pressed, the buttons which can be activated in the selected mode will light and the selected mode button (TV/VCR or CABLE DSS) will flash for 5 seconds. If no buttons are pressed within 5 seconds, the light will turn off in order to conserve battery power. Also while holding down the buttons, the selected mode button will flash so you will be able to see, in the dark, which mode has been selected.

EJECT button: When EJECT is pressed, the tape is ejected from Cassette Compartment. If EJECT is pressed during recording, the VCR will not respond to the command.

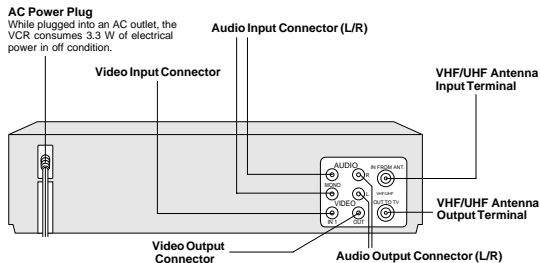
Front View of the VCR



Multi Function Display



Rear View of the VCR



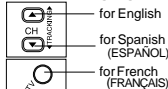
One Time VCR Setup

When VCR is turned on the first time, setup mode is entered automatically.

1 Turn the TV and VCR on. Press POWER.
Set TV Channel to CH 3.
If using AV Cable connection, set TV to Video instead of channel.

Display SELECT LANGUAGE.
This display appears for first time setup only.

Select the language.



When using connection b), tune TV to VCR's output channel.
If there is beat or noise on CH3, change VCR's output channel to CH4 by pressing ACTION twice.

• Always tune TV to this channel to monitor the VCR.
• If you used audio/video jack connection, tune the TV to its video input.
• If wrong language is set, do "Reset All VCR Memory Functions" steps.

3 Select hookup.
1) Press ▲ to select.
2) Press ▼ to set.

• If you selected "CABLE/ DSS BOX" VCR ► TV, continue with step 4 and only the cable box output channel will be placed in memory. If not, go to step 6.

4 Select cable box or DSS receiver output channel.
1) Press ▲ to select.
2) Press ► to enter.

• If necessary, refer to cable box manual.
• If you used Audio/ Video jack connection to cable box, set "VIDEO OUT".

5 Turn on cable box and set it to PBS channel in your time zone.
• If you use DSS receiver, it must be turned off.

Process of Setup

Language → Channel → Clock

6

CHANNEL/ CLOCK AUTO SET
CONNECT ANTENNA CABLE AND IF YOU USE A CABLE BOX, TUNE IT TO YOUR LOCAL PBS CH. THEN...
PLEASE PUSH CH UP KEY

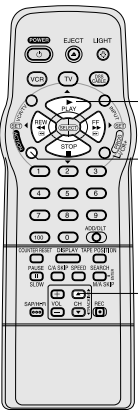
CH AUTO SET PROCEEDING

AUTO CLOCK SET PROCEEDING

Case 1 (Setup completed)

1/ 4/2000 TUE 12:00PM DST: ON
SETTING : CH 02
AUTO CLOCK SET COMPLETED
END : PUSH CH UP KEY

• If your area observes DST (daylight saving time), but the time is incorrect; do the "Time Zone Adjust" steps.



Start Channel Auto Set and Clock Auto Set.
Press CH ▲



CH AUTO SET PROCEEDING

AUTO CLOCK SET PROCEEDING

Case 2 (Setup incomplete)

1/ 4/2000 TUE 12:00PM DST: ON
SETTING : CH 02
AUTO CLOCK SET COMPLETED
END : PUSH CH UP KEY

• If your area observes DST (daylight saving time), but the time is incorrect; do the "Time Zone Adjust" steps.



IMPORTANT NOTE FOR AUTO CLOCK SET

• Auto clock set is performed the first time the VCR is turned off each day. If used, a cable box must be left on and tuned to the PBS channel at the time VCR power is turned off if you want auto clock set to be done.
• If used, a DSS receiver must be turned off for auto clock set.
• If Cable Box or DSS receiver is connected to VCR via Audio/Video jacks, an RF coaxial cable must also be connected for auto clock set and channel auto set features to work.

Clock Setup incomplete. Set the clock manually.

- 1) Press ACTION.
- 2) Press ▲▼ to select month.
- 3) Press ► to set.

• Likewise, set date, year, time, DST (Daylight Saving Time).

To Make Corrections, repeatedly press ▲► to move to error, then correct.

4) Press ACTION. (Clock starts.)

• To exit this mode, press ACTION again.

Notes

- VCR calendar is accurately maintained to Dec. 31, 2096 11:59PM.
- Channel auto set selects normal TV or Cable channels depending on your VCR hookup.
- To reset Language, Channels, Clock or VCR's Output Channel.

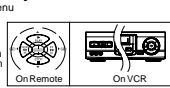
Using ▲▼◀▶ keys

You can also operate the menu screen using VCR buttons.

When menu screens are displayed, the PLAY, STOP, REWIND, and FF buttons on the VCR and remote function as ▲▼◀▶ only with no tape inserted.

To display menu using VCR buttons, press CH ▲ and CH ▼ together.

To exit the menu, repeat above.



▲: PLAY ▼: REW
▶: STOP ◀: FF

If Auto Setup fails, do "Manual VCR Plus+ System Channel Setup" section.

Timer Recording using VCR Plus+ System (continued)

Manual VCR Plus+ System Channel Setup

- Before you begin, complete "Channel Setup Preparations" below right.
- Important Note**
- If your VCR connection type changes from type A to B, repeat steps 1-4 select VCR ► CABLE/DSS ► TV before proceeding with these steps.

1 Do "Auto VCR Plus+ System Channel Setup (Part 1)," steps 1-3.

2

VCR Plus+ CH SET UP
AUTO SET
MANUAL SET
SELECT: ▲▼ KEY
SET: ► KEY
END: -ACTION KEY

Select MANUAL SET.
1) Press ▲ to select.
2) Press ► to set.

IMPORTANT NOTE:
For step 3, use the list you prepared. You may leave lines blank if you don't receive that station, or if the GUIDE CH number and the RECEIVE CH numbers are the same.

3

VCR Plus+ CH SET UP
GUIDE CH RECEIVE CH
02 --
SELECT: ▲▼ KEY
SET: ► KEY
END: -ACTION KEY

Select VCR Plus+ channels.
1) Press ► to move cursor to right column.
2) Press ▲▼ to change RECEIVE CH number.
3) Press ► to set.
4) Press ▲▼ to scroll up/down GUIDE CH column.
• Repeat step 3 until list is complete.

VCR Plus+ CH SET UP
GUIDE CH RECEIVE CH
01 02
SELECT: ▲▼ KEY
SET: ► KEY
END: -ACTION KEY

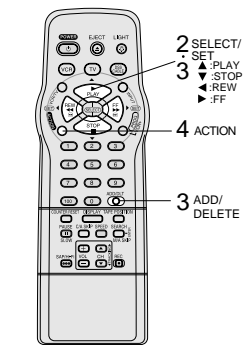
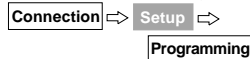
To make corrections, Press ▲▼ and ► to move to error, then ▲▼ to change, or ADD/DLT to erase number.

4

End setup.
Press ACTION three times.

- Notes**
- Make each entry within 5 minutes or the VCR will exit this mode.
 - Once local channels have been programmed, they will stay in memory, even in the case of a power failure.

Process of Recording



Channel Setup Preparations

- In order to complete step 3 left, make a local channel list (see example below).
You will need the following:
- A line up of normal TV and/or Cable stations and the channel number you receive them on.
 - A list of Guide (VCR Plus+) channel numbers for the stations you receive found in TV Guide and selected newspapers.
- 1 Make a 3-column chart. In the left column, write the name of all the stations you receive.
2 In the middle column, write each station's Guide (VCR Plus+) number from TV Guide.
3 In the right column, write the channel number your TV receives the station on.

Broadcast or Cable Station Name	Assigned Guide (VCR Plus+) channel no.	Channel no. your TV receives the station on
HBO	33	15
Nickelodeon	38	20
CBS	04	04
FOX	11	

- ✓ Check list before you begin.
□ The clock is set.
□ VCR Plus+ System Setup is complete.

Process of Recording



VCR Plus+ System Programming

1

Display SET PROGRAM.
Press PROG/VCR+.

2

Display VCR Plus+ screen.

1) Press ▲▼ to select.
2) Press ► to display.

3

Enter PlusCode programming number.

1) Press Numbered keys.
2) Press PROG/VCR+ to lock in the program.

Enter record frequency.

1) Press ▲▼ to select program type.
2) Press ► to set.

4

Select Category.**

1) Press ▲▼ to change.
2) Press ► to set.

Change record speed.
Repeat 1) and 2).

5

Make notes.

• If not wanted, go to step 6.

6

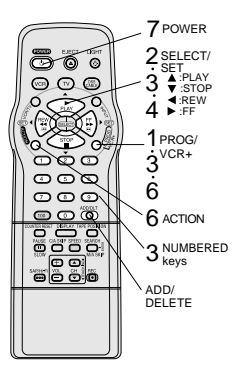
End programming.

1) Press PROG/VCR+ (or ACTION).
To cancel press ADD/DLT.
2) Press PROG/VCR+ (or ACTION) again to exit.

7

Set timer.

Press POWER off.



** Category Items
N/A(not applicable), SPORTS, MOVIE, COMEDY, MUSIC, DRAMA

- Use normal Timer Recording steps if:**
- the PlusCode programming number for a program is not listed.
 - you anticipate the program, such as a sporting event, to run over the scheduled stop time.
 - cancel a timer recording in progress.
 - replace program contents.
 - review or clear program contents once set.

- Important notes for DSS/Cable Box users**
- When recording via DSS, the receiver, must be left on.
 - When recording via cable or antenna, DSS receiver must be off.

- Notes**
- Avoid overlapping program times.
 - You can obtain unlisted PlusCode numbers by calling 1-900-454-7587. Call costs approximately \$.95 per minute.

Tape Operation

COMMERCIAL ►► ADVANCE®
COMMERCIAL ►► ADVANCE® detects and marks the beginning and end points of commercials on your tape for recordings over 15 minutes in length. When COMMERCIAL ►► ADVANCE® marked tape is played back, the VCR automatically advances through the commercial segments at high speed. You can also set this feature to Manual so as to have more control over the advance process. The effectiveness of this system can vary due to differences in the way television stations broadcast.

COMMERCIAL ►► ADVANCE® Marking

When C/A RECORD: ON, VCR automatically rewinds the tape after a recording has been made and marks the beginning and end of any detected commercial blocks. After marking is done, the tape is returned to the end of recording. Commercials are not erased from the tape.

1

Display MENU.
Press ACTION.*

2

Display SET UP FEATURE.

1) Press ▲▼ to select.
2) Press ► to display.

3

Display SET UP COMMERCIAL ADV.

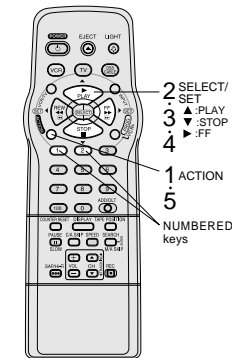
1) Press ▲▼ to select.
2) Press ► to display.

4

Set ON or OFF.

1) Press ▲▼ to select.
2) Press ► to set.

- ✓ Check list before you begin.
- All connections are made.
 - One time Setup completed.
 - VCR is plugged in.
 - TV is turned on and set to CH3, 4 or Video on TV.



- Note**
- When using the timer to record two adjacent shows on the same channel, better accuracy can be obtained by programming each show separately.

ON Timer, VCR Plus+ System, and One Touch recordings are marked automatically.

THE VCR IS WAITING TO MARK COMMERCIALS IN THE PROGRAM YOU RECORDED.

MARKING NOW: PUSH 1 KEY
LATER: PUSH 2 KEY
CANCEL: PUSH ACTION KEY

- When STOP is pressed during normal recording, Select One of a) or b) or c).
- Press 1 key to mark the recording now.
"NOW MARKING COMMERCIALS" appears.
 - Press 2 key to mark the recording later (after the power has been turned off).
If the tape is rewound and another recording started before the power is turned off, commercials may not be marked correctly.
 - Press ACTION to cancel the marking of this recording.

OFF The VCR will not mark commercials.
When you are editing or dubbing a tape, or when you do not wish to use this feature, off should be selected.

5

Return to normal screen.
Press ACTION three times.

COMMERCIAL ►► ADVANCE® Playback

When playing back recording which have been marked using COMMERCIAL ►► ADVANCE® features, you can either set VCR to automatically advance through marked commercial blocks, or set it so that commercials are only skipped on your command.

1

Display MENU.
Press ACTION.*

2

Display SET UP FEATURE.

1) Press ▲▼ to select.
2) Press ► to set.

3

Display SET UP COMMERCIAL ADV.

1) Press ▲▼ to select.
2) Press ► to set.

4

Set AUTO or MANUAL.

1) Press ▲▼ to select.
2) Press ► to set.

AUTO

VCR will automatically advance through commercial blocks recorded on the tape and then resume playback.

MANUAL

VCR will advance through commercials only when C/A SKIP is pressed. Playback will resume when the end mark of a commercial block is found, or a new recording or blank portion is detected, or after 8 minutes.



COMMERCIAL ►► ADVANCE® is a registered trademark of SRT, Inc.
A Jetty Igbudin invention licensed in association with Arthur D. Little Enterprises, Inc.
U.S. Pat. No. 5,333,091;
5,682,003; 5,696,866
other patents pending

- Notes**
- The selection mode in step 4 remains set unless there is a power outage in which case the original factory setting will be restored.
 - If playback is started in the middle of a commercial, only a single commercial is shown, or an individual commercial is longer than 1 minute, a commercial may not be skipped.
Press FF to quickly advance through the commercial.
 - Part of a recorded program may be skipped over if the program portion between commercials is less than one minute or there are frequent dark and quiet scenes during the program. To view the portion of tape being incorrectly skipped, press PLAY while the VCR is skipping, reverse the tape to a point just prior to where the skipping began and press PLAY again. This time the group will not be automatically skipped. Automatic skipping will be re-enabled when the end of the marked group is detected.

Tape Operation (continued)

The most commonly asked questions about COMMERCIAL**ADVANCE** are answered below.

Question	Answer
How fast does the VCR advance through commercials?	The VCR advances through a 3-minute commercial block in about 8 to 12 seconds if the tape speed is SLP. In SP, it takes about 25 to 35 seconds.
Are commercials advanced through only when I playback a recording?	Yes. The commercials are not marked until after the recording is finished.
Are commercials still recorded on the tape in case I choose to view them sometime?	Yes. By setting the C/A PLAYBACK to MANUAL, you can view or advance through commercials as desired.
Does COMMERCIAL**ADVANCE** work in all recording speeds?	Yes, COMMERCIAL**ADVANCE** works in SP, LP, and SLP.
Does the VCR advance through commercials each time I playback tapes which were recorded using COMMERCIAL**ADVANCE**?	Yes. As long as C/A PLAYBACK is set to AUTO, the VCR should advance through commercials each time the tape is played back.
After marking commercials, does the VCR stop at the end of the tape, or rewind to the beginning?	The tape stops at the end of the recording so that any additional timer recordings can be performed.
Can I play my COMMERCIAL**ADVANCE** recordings in non-COMMERCIAL**ADVANCE** VCRs?	Yes, COMMERCIAL**ADVANCE** marked recordings will play in non-COMMERCIAL**ADVANCE** VCRs, but commercials will not be advanced through.
Does the marking process interfere with other programmed recordings?	No. If the interval between 2 or more timer programs is not sufficient to mark the recording, marking will be done after all recordings are complete and the power goes off.
What happens if I cancel the marking in progress so I can use the VCR?	Marking will be resumed when the VCR's power is turned off as long as the tape has not been ejected.
What if part of my program is advanced through along with the commercials?	Please see the 3rd note on previous section.
Additional Notes: <ul style="list-style-type: none"> Because of the various ways in which commercials are broadcast, the VCR may not be able to recognize all commercials. If a timer recording is scheduled for the middle of the night, please be aware that the VCR will make some noise as it rewinds and fast forwards the tape while marking commercials. 	

COMMERCIAL**ADVANCE** is a registered trademark of SRT, Inc.
A Jerry Iggulden invention licensed in association with Arthur D. Little Enterprises, Inc.

U.S. Pat. No. 5,333,091;
5,962,093; 5,696,866
other patents pending

MOVIE**ADVANCE**

MOVIE**ADVANCE** helps you locate certain parts of prerecorded movies (rented or purchased). The feature works in two ways.
• You can go to the beginning of the movie.
• You can skip from one preview to the next.

MOVIE**ADVANCE** works only on cassette recorded in SP speed with the record tab removed.

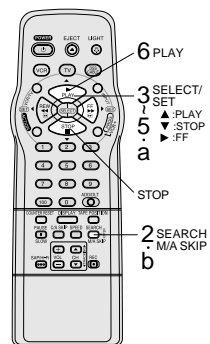
- Insert a cassette without record tab.**
- Display "SELECT SEARCH MODE."**
1) Press SEARCH/ M/A SKIP.
- Display MOVIE ADVANCE.**
1) Press \blacktriangle to select.
2) Press \blacktriangleright to set.
- Select GO TO START OF MOVIE or GO TO PREVIEW.**
Press \blacktriangle to select.
Select "GO TO START OF MOVIE," if you want to advance directly to beginning of the movie.
--> continue with step 5.
Select "GO TO PREVIEW," if you want to view the first (next) preview.
--> go to "To Search for Preview" at right.
- Start searching.**
Press \blacktriangle to cancel, press STOP.

When the movie is found...

- Start playback.**
Press PLAY.
• To cancel, press STOP.
• The display will time out after 3 minutes and the VCR will enter the Stop mode.

Check list before you begin.

- ☐ All connections are made.
- ☐ One time Setup completed.
- ☐ MOVIE is plugged in.
- ☐ TV is turned on and set to CH3, 4 or Video on TV.



To Search for Preview.

You can override the operation of MOVIE**ADVANCE** SEARCH FOR PREVIEWS mode by pressing SEARCH/M/A SKIP during tape searching. MOVIE**ADVANCE** works by searching the tape past each preview and then reversing back to the start of the detected preview. While the tape is reversing back, if SEARCH/M/A SKIP is pressed, MOVIE**ADVANCE** will begin searching for the next preview. While searching for the next preview, if you see the start of a preview which you wish to watch, press SEARCH/M/A SKIP and MOVIE**ADVANCE** will immediately reverse back to the start of that preview, instead of searching further past the preview start point. Once the VCR is playing a preview, press SEARCH/M/A SKIP to advance to the next preview, long commercial or the start of the movie (whichever is next).

- Start preview searching.**
1) In step 4 at left, select GO TO PREVIEW.
2) Press \blacktriangle .
- Start next preview searching.**
Press SEARCH/ M/A SKIP.
• To cancel, press STOP.

• If you want to playback, press PLAY.

Tape Operation (continued)

Search System

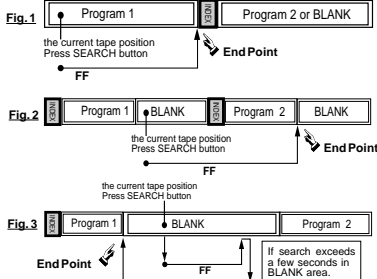
Each time a recording is made, an invisible index mark is placed on the tape. When timer recordings are made, program index and information are also included. These index marks can be used to access or scan recordings.

Program End Search

It is easy to locate the end of a recorded program allowing you to continue recording where you left off.

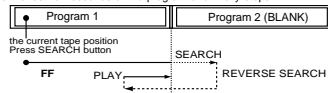
- Display SELECT SEARCH MODE in Stop or Play mode.**
Press SEARCH/ M/A SKIP.*
- Select PROGRAM END SEARCH.**
1) Press \blacktriangle to select.
2) Press \blacktriangleright to start search.

Examples of Program End Search operation.



If Program End Point (E) is found.

The search continues slightly beyond the end point, then search and reverse search and plays the last few seconds of the program and finally stops.



Notes

- If Program End Search is started very close to an index mark, one program may be skipped over.
- To cancel Program End Search, press PLAY or STOP.

Program Index Search (For timer recordings only)

Choose a timer recorded program from a Program Index List. When the tape is ejected or normal recording is started, all program index data is deleted.

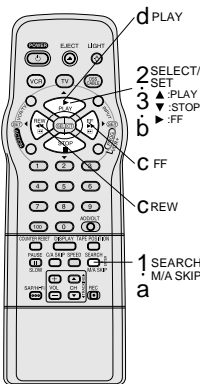
- Display SELECT SEARCH MODE in Stop or Play mode.**
Press SEARCH/ M/A SKIP.*
- Display PROGRAM INDEX.**
1) Press \blacktriangle to select.
2) Press \blacktriangleright to display.
- Select the desired recorded program.**
1) Press \blacktriangle to select.
2) Press \blacktriangleright to start the forward or rewind search.
• When search is finished, playback begins.

Index Search (For normal and/or timer recordings)

In Play mode, the first 10 seconds of each recording can be scanned (forward or reverse).

- Display SELECT SEARCH MODE in Stop or Play mode.**
Press SEARCH/ M/A SKIP.*
- Select INDEX SEARCH.**
1) Press \blacktriangle to select.
2) Press \blacktriangleright to display.
• This screen appears only if there are timer recordings.
- Start scan.**
Press FF or REW.
- Cancel scan, start playback.**
Press PLAY.
• To stop, press STOP.

<Example>



Auto Operation Functions

Auto Playback

Insert tape --> Power turns on --> Starts playback if record tab is removed.

Auto Rewind

Playback Manual Record --> Tape end --> Fast Forward --> Rewinds (Auto)

Playback Auto Eject (Repeat Play is "OFF")

Playback --> Tape end --> Rewinds --> Tape ejects (if without record tab)

Memory Rewind Off

Rewind --> Press POWER --> Turns off after completed

Tape Operation (continued)

Direct Access (For normal and/or timer recordings)

Go directly to desired recording.

1

Display SELECT SEARCH MODE in Stop or Play mode.
Press SEARCH/ M/A SKIP.*

2

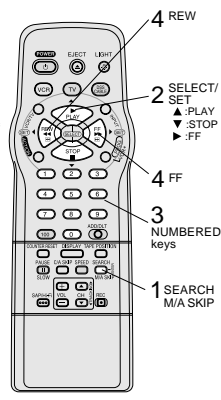
Select INDEX SEARCH.
1) Press ▲▼ to select.
2) Press ► to display.
* This screen appears only if there are timer recordings.

3

Select the recording number.
Press NUMBERED keys.
• To calculate number, see below.

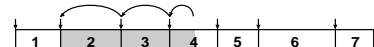
4

Start search.
Press FF or REW.
• When search is finished, playback begins.

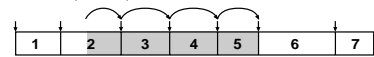


To Calculate Index Number

Example 1:
If you are watching recording 4 and you want to watch recording 2, enter 3 in step "3" and press REW.



Example 2:
If you are watching recording 2 and you want to watch recording 6, enter 4 in step "3" and press FF.



NOTE: † indicates start points of each recording.

- Notes**
- Make each entry within 10 seconds, or the Index Search mode will be canceled.
 - If Direct Access or Index Scan is started very close to an index mark, that index mark may not be counted in the search.

Repeat Play

Set to see a recording over and over.

1

Display MENU.
Press ACTION.*

2

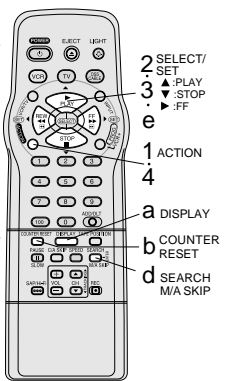
Display SET UP VCR.
1) Press ▲▼ to select.
2) Press ► to display.

3

Set ON or OFF.
1) Press ▲▼ to select "REPEAT PLAY."
2) Press ► to set.
* Playback repeats when tape end is reached or unrecorded portion over 30 seconds is detected.

4

Return to normal screen.
Press ACTION twice.



Zero Search

To quickly return to specific tape counter location.

a

Display Counter.
Press DISPLAY during playback.

b

Reset to "0:00:00."
Press COUNTER RESET at the desired position.

c

Continue Recording, playback etc.

d

Display SELECT SEARCH MODE in Stop mode.
Press SEARCH/ M/A SKIP.*

e

Start ZERO SEARCH.
1) Press ▲▼ to select.
2) Press ► to display.
* Unit will go into FF or REW mode and stop at the last point the Counter was set to 0:00:00.

Special VCR Features

Channel Caption

When set, station name, e.g. ABC, CBS, and channel number appear on-screen. Set up to 24 preset captions, and/or 10 manually created captions.

□ You need a list of stations and the channel numbers you receive them on.

Preset Caption

1

Display MENU.
Press ACTION.*

2

Display SET UP CHANNEL.
1) Press ▲▼ to select.
2) Press ► to display.

3

Display CHANNEL CAPTION.
1) Press ▲▼ to select.
2) Press ► to display.

4

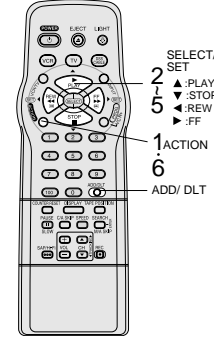
Display PRESET CAPTION.
1) Press ▲▼ to select.
2) Press ► to display.
• To create your own captions, go to "Manual Caption".

5

Assign preset captions.
1) Press ▲▼ to highlight caption.
2) Press ► to move cursor to the right.
3) Press ▲▼ to select CH number.
4) Press ◀ to set.
• Repeat step 5 until the list is complete.
To make corrections.
Press ▲▼ and ► to select the channel number, then press ▲▼ to change, or ADD/DLT to delete the number.

6

End setup.
Press ACTION four times.



Manual Caption

1 Do "Preset Caption" steps 1-3.

2

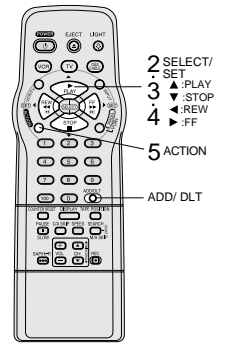
Display MANUAL CAPTION.
1) Press ▲▼ to select.
2) Press ► to display.

3

Select channel number.
1) Press ▲▼ to select CH NUMBER.
2) Press ► to move cursor to the right.
• Channels already set and channels deleted from Channel Memory are not displayed.
• You can set a total of ten channel captions.

4

Enter CAPTION.
1) Press ▲▼ to select.
2) Press ► to enter.
• Characters change in following order.
3) Press ◀ to set.
• Repeat steps 3 and 4 as desired.
To make corrections.
Press ◀ to move to the incorrect entry, then press ▲▼ to make correction. Or, press ADD/DLT to clear the caption.



End input.
Press ACTION four times.

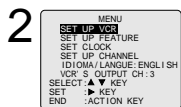
Special VCR Features (continued)

Time Stamp Feature

The VCR writes program data (see example below) about the first 10 seconds of every recording. The information is then displayed the first 10 seconds of playback. To change the data, see "Changing Time Stamp Data".



Display MENU.
Press ACTION.*



Display SET UP VCR.

- 1) Press **▲** to select.
- 2) Press **▶** to display.



Set ON or OFF.

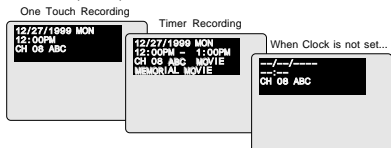
- 1) Press **▲** to select.
- 2) Press **▶** to set.

* When "OFF" is selected, the program data is written on the tape, but will not be displayed.

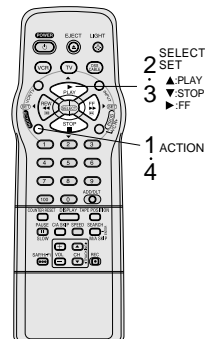


Return to normal screen.
Press ACTION twice.

<Time Stamp Example>



- ☒ Check list before you begin.
- ☐ Clock is set to correct time.
 - ☐ Record tab in place.

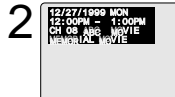


Changing Time Stamp Data

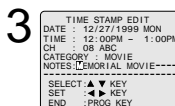
You may change the Date, Time, Channel, Category, and Notes.



Display Time Stamp Data.
1) Insert cassette with record tab.
2) Press PLAY.



Display TIME STAMP EDIT.
Press PROG/VCR+ while the data is displayed in Playback mode.



Change Time Stamp Data.

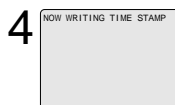
- 1) Press **▲** to select.
- 2) Press **▶** to enter and continue.

* Characters in the NOTES will change in the following order.

→A→B→C→...→Z→BLANK→...→<→>

3) Repeat 1) and 2) as needed.

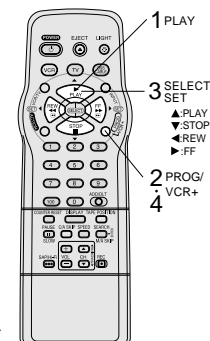
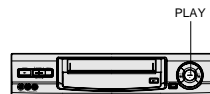
To make corrections, Press **◀▶** to move to the incorrect entry, then press **▲** to make the correction.



Write the new data.

Press PROG/VCR+.

* When data is written, VCR returns to Stop mode.



Special VCR Features (continued)

Tape Position Display Feature

To find out the present tape position.

Tape position cannot be found for C-Cassette type and tape of less than 60 minutes.



Detect Tape Position.
Press TAPE POSITION.



* "DETECTING TAPE POSITION" only appears the first time a cassette is inserted.

* The present tape position indication is displayed.



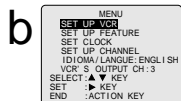
Return to normal screen.
Press TAPE POSITION.

Remote Warning ON/OFF Feature

If Multi-brand feature is used, and this feature is set to on, a warning appears whenever an invalid key is pressed in TV, DSS, or Cable mode.



Display MENU.
Press ACTION.



Display SET UP VCR.

- 1) Press **▲** to select.
- 2) Press **▶** to display.



Set ON or OFF.

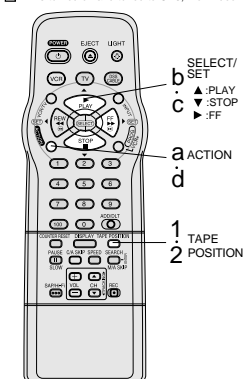
- 1) Press **▲** to select.
- 2) Press **▶** to set.

* "OFF" -> remote warning will not appear even if invalid key is pressed.



Return to normal screen.
Press ACTION twice.

- ☒ Check list before you begin.
- ☐ All connections are made.
 - ☐ VCR is plugged in.
 - ☐ TV is turned on and tuned to CH3, 4 or Video.



VCR Lock Feature

All operations are prohibited except timer recording and tape eject. Useful for families with small children.



Press REC in Stop mode.



To turn on:
In Stop mode, hold down REC on the VCR without a cassette inserted for 7 seconds.



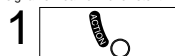
To turn off:
Repeat above.

* VCR Lock is canceled automatically after 24 hours if clock is set.

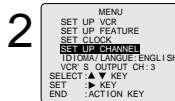


Weak Signal Display ON/OFF Feature

When "ON" is selected, picture is displayed even when broadcast signal is weak or nonexistent.



Display MENU.
Press ACTION.*



Display SET UP CHANNEL.

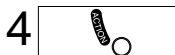
- 1) Press **▲** to select.
- 2) Press **▶** to display.



Set ON or OFF.

- 1) Press **▲** to select.
- 2) Press **▶** to set.

* ON -> Picture is displayed regardless of signal condition, and may not always be clearly visible.
OFF -> Screen turns solid blue when signal is absent or weak.
If VCR is connected to equipment which has blue back effect, selecting ON will have no effect on the other equipment.



Return to normal screen.
Press ACTION twice.

Auto Shut-Off Feature

When "ON" is selected, VCR shuts itself off when playback of a blank portion of tape continues or no signal (except when LINE is selected) is detected for over 5 minutes.

a Repeat step "a" and "b" on previous section to display SET UP VCR.



Set ON or OFF.

- 1) Press **▲** to select.
- 2) Press **▶** to set.



Return to normal screen.
Press ACTION twice.

