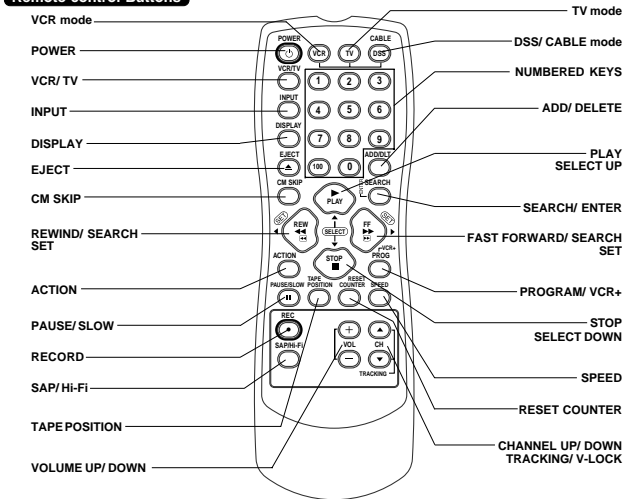


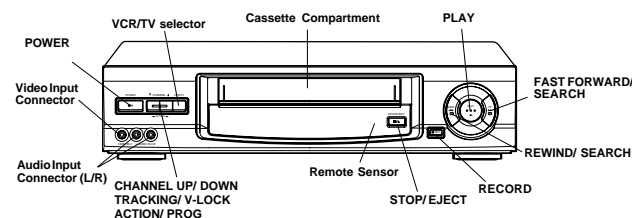
Location of Controls

Remote control Buttons

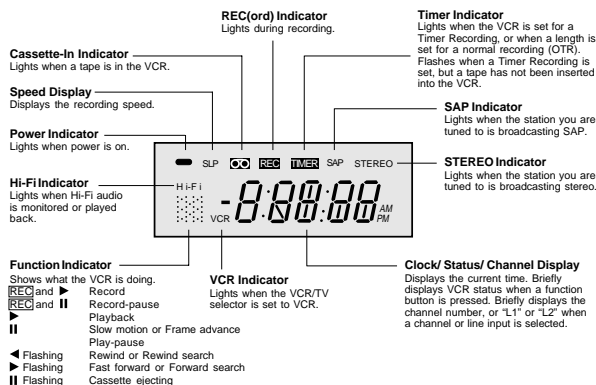


EJECT button: When EJECT is pressed, the tape is ejected from the Cassette Compartment.
If EJECT is pressed during recording, the VCR will not respond to the command.

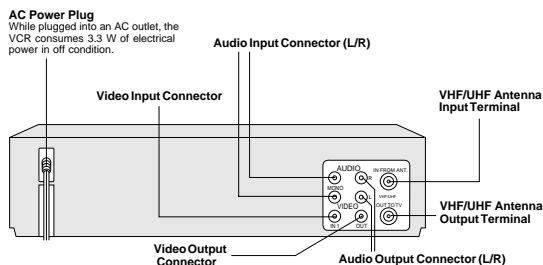
Front View of the VCR



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 **POWER**
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.

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

Select the language.

for English
for Spanish (ESPAÑOL)
for French (FRANÇAIS)

VCR/TV
for French (FRANÇAIS)

- 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.

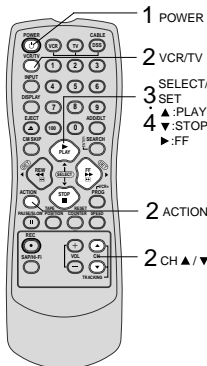
- 4 **Select cable box or DSS receiver output channel.**
1) Press ▲ to select.
2) Press ► to enter.

- 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.
- 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 PHS 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
SETTING : CH 02
AUTO CLOCK SET COMPLETED
END : PUSH CH UP KEY

Case 2 (Setup incomplete)
AUTO CLOCK SET IS INCOMPLETE
PUSH ACTION TO SET CLOCK

Press CH ▲ to exit.

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

SELECT/ SET
▲:PLAY
▲:STOP
►:REW

ACTION

CH ▲

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.

Start Channel Auto Set and Clock Auto Set.

Press CH ▲

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.

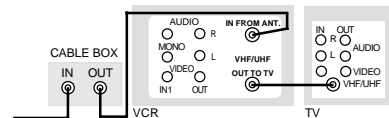
Timer Recording Using VCR Plus+ System

VCR Plus+ System is...

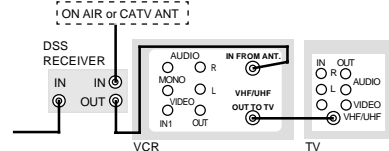
a feature that allows you to set most items of a timer recording by simply entering a special code number (PlusCode programming number) found in TV GUIDE and selected newspaper TV listings.

Find the type of connection you use from the following diagrams and proceed to the section indicated to begin set up.

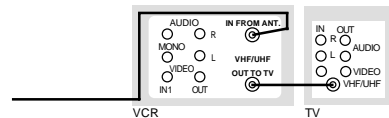
Cable box → VCR → TV connection



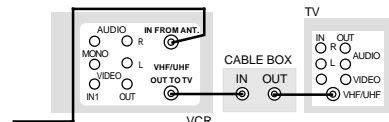
DSS box → VCR → TV connection



VCR → TV connection



VCR → Cable box → TV connection



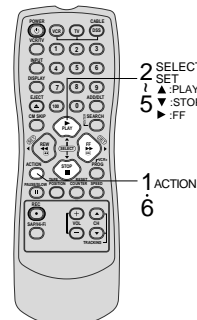
Process of Recording

Connection ⇒ Setup ⇒ Programming

Cable Box Setup

Connection ⇒ Setup ⇒ Programming

- ACTION**
Display MENU.
Press ACTION.*
- MENU**
SET UP VCR
SET UP FEATURE
SET CLOCK
SET UP CHANNEL
ID/OMA/LANGUE/ENGLISH
VCR'S OUTPUT CH: 3
SELECT: ▲▼ KEY
SET : ► KEY
END : ACTION KEY
Select SET UP CHANNEL.
1) Press ▲▼ to select.
2) Press ► to display.
- SET UP CHANNEL**
ANTENNA : CABLE
AUTO SET
CHANNEL CAPTION
WEAK SIGNAL DISPLAY : OFF
CABLE/DSS BOX SET UP
VCR Plus+ CH SET UP
SELECT: ▲▼ KEY
SET : ► KEY
END : ACTION KEY
Select CABLE/DSS BOX SET UP.
1) Press ▲▼ to select.
2) Press ► to display.
- SELECT HOOKUP**
CABLE/DSS BOX/VCR/TV
VCR-CABLE/DSS BOX/TV
VCR-TV
SELECT: ▲▼ KEY
SET : ► KEY
END : ACTION KEY
Select your hookup method.
1) Press ▲▼ to select.
2) Press ► to set.
* If CABLE/DSS BOX → VCR → TV, go to step 5.
If other, press ACTION three times and go to "VCR Plus+ System Channel Setup" section.
- SELECT HOOKUP**
CABLE/DSS BOX/VCR/TV
CABLE/DSS BOX/TV
CABLE/DSS BOX/TV
SELECT: ▲▼ KEY
SET : ► KEY
END : ACTION KEY
Select cable box or DSS receiver output channel.
1) Press ▲▼ to select.
2) Press ► to enter.
* If necessary, refer to your Cable Box/DSS manual.
* If you are using Audio/Video jack connections, select and set "VIDEO OUT" as output channel.
- ACTION**
End setup.
Press ACTION twice.



VCR Plus+ and PlusCode are registered trademarks of Gemstar Development Corporation. The VCR Plus+ system is manufactured under license from Gemstar Development Corporation.

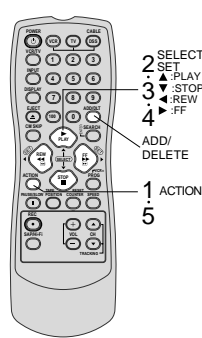
Timer Recording Using VCR Plus+ System (continued)

It is necessary to program the VCR with local channel information for proper VCR Plus+ System operation.

VCR Plus+ System Channel Setup

* At first, do Channel Setup Preparations below right.

- ACTION**
Display menu.
Press ACTION.*
- MENU**
SET UP VCR
SET UP FEATURE
SET CLOCK
SET UP CHANNEL
ID/OMA/LANGUE/ENGLISH
VCR'S OUTPUT CH: 3
SELECT: ▲▼ KEY
SET : ► KEY
END : ACTION KEY
Select SET UP CHANNEL.
1) Press ▲▼ to select.
2) Press ► to display.
- SET UP CHANNEL**
ANTENNA : CABLE
AUTO SET
CHANNEL CAPTION
WEAK SIGNAL DISPLAY : OFF
CABLE/DSS BOX SET UP
VCR Plus+ CH SET UP
SELECT: ▲▼ KEY
SET : ► KEY
END : ACTION KEY
Select VCR Plus+ CHANNEL SETUP.
1) Press ▲▼ to select.
2) Press ► to display.
- VCR Plus+ CH SET UP**
GUIDE CH CABLE CH
▶ 01 --
02 --
SELECT: ▲▼ KEY
SET : ► KEY
END : ACTION KEY
Select VCR Plus+ channels.
1) Press ► to move cursor to right column.
2) Press ▲▼ to change CABLE CH number.
3) Press ◀ to set.
4) Press ▲▼ to scroll up/down GUIDE CH column.
* Repeat step 4 until list is complete.



Channel Setup Preparations

In order to complete step 4 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 (PlusCode) 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 (PlusCode) number from TV Guide, etc.

3 In the right column, write the channel number your TV receives the station on.

EXAMPLE ONLY

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

- ACTION**
End setup.
Press ACTION three times.

Notes

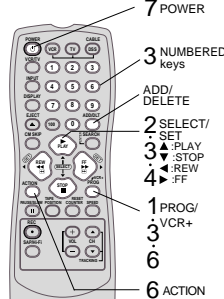
- * Make each entry within 5 minutes or the VCR will exit this mode.
- * Once local channels have been programmed, they will stay in memory, even in the case of a power failure.

Check list before you begin.

- ☐ The clock is set.
- ☐ VCR Plus+ System Setup is complete.

VCR Plus+ System Programming

- VCR+ PROG**
Display SET PROGRAM.
Press PROG/VCR+.*
- SET PROGRAM**
VCR Plus+ PROGRAMMING
TIMER PROGRAMMING
SELECT: ▲▼ KEY
SET : ► KEY
END : PROG KEY
Display VCR Plus+ screen.
1) Press ▲▼ to select.
2) Press ► to display.
- VCR Plus+ SYSTEM**
ENTER PLUSCODE NUMBER
1 2 3 4 5 6 7 8 9 0
USING 0-9 KEYS
Enter PlusCode programming number.
1) Press NUMBERED keys.
2) Press PROG/VCR+ to lock in the program.
To make corrections, press ◀ repeatedly to delete the PlusCode programming number.
VCR Plus+ SYSTEM
ONCE DAILY (MON-FRI) WEEKLY
SELECT: ▲▼ KEY
SET : ► KEY
END : PROG KEY
Enter record frequency.
1) Press ▲▼ to select program type.
2) Press ► set.
- DATE START STOP CH**
TODAY 8 SAT 10:00P 12:00P 02
CATEGORY N/A ABC SP
SELECT: ▲▼ KEY
SET : ► KEY
END : PROG/ACTION KEY
Select Category.**
1) Press ▲▼ to change.
2) Press ► set.
- Make notes.**
- END**
Change record speed.
Repeat 1) and 2).
End programming.
1) Press PROG/VCR+ (or ACTION).
To cancel press ADD/DLT.
2) Press PROG/VCR+ (or ACTION) again to exit.
- TIMER**
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.

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.
- * VCR PlusCode programming numbers can not be used to program the VCR to record DSS channels.
- * You can obtain unlisted PlusCode numbers by calling 1-800-454-7587. Call costs approximately \$.95 per minute.

Tape Operation

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.

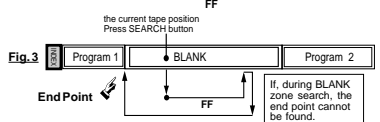
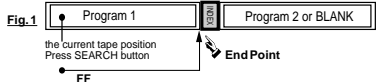
Program End Search

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

1 **Display SELECT SEARCH MODE in Stop or Play mode.**
Press SEARCH.*

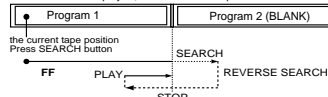
2 **Select PROGRAM END SEARCH.**
1) Press ▲▼ to select.
2) Press ► to start search.

Examples of **Program End Search** operation.



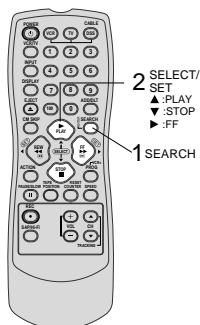
If **Program End Point** (E) is found.

The search continues slightly past the end point, the last few seconds of the program is rewound and played, then the VCR 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 recordings is started, all program index data is deleted.

1 **Display SELECT SEARCH MODE in Stop or Play mode.**
Press SEARCH.*

2 **Select PROGRAM INDEX SEARCH.**
1) Press ▲▼ to select.
2) Press ► to display.

3 **Select the desired recorded program.**
1) Press ▲▼ to select.
2) Press ► to start the forward or rewind search.
• When search is finished, playback begins.

Index Scan (For normal and /or timer recordings)

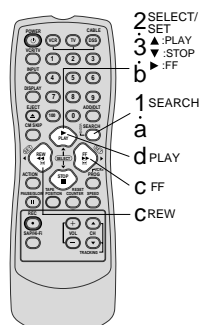
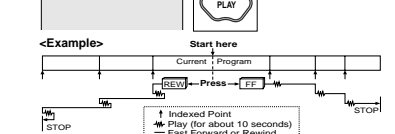
In Play mode, the first 10 seconds of each recording can be scanned (forward or reverse).

a **Display SELECT SEARCH MODE.**
Press SEARCH.*

b **Select INDEX SEARCH.**
1) Press ▲▼ to select.
2) Press ► to display.

c **Start scan.**
Press FF or REW.

d **Cancel scan, start playback.**
Press PLAY.
• To stop, press STOP.



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 (Auto)

■ Playback Auto Eject
(Repeat Play is "OFF")
Playback --> Tape end --> Rewinds --> Tape ejects (if no 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.*

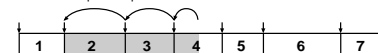
2 **Select INDEX SEARCH.**
1) Press ▲▼ to select.
2) Press ► to display.
• This screen appears only if there are timer recordings.

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

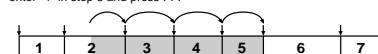
4 **Start search.**
Press FF or REW.
• When search is finished, playback begins.

To Calculate Index Number

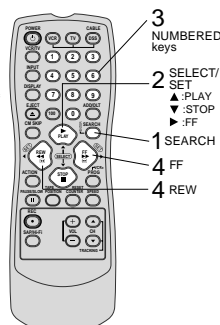
Example 1:
If you are watching recording 4 and you want to watch recording 2, enter "3" in step 3 and press REW.



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.



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.

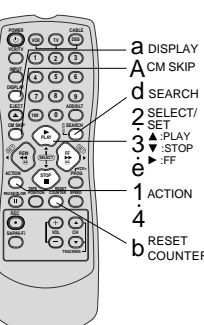
a **Display Counter.**
Press DISPLAY during playback.

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

c **Continue to record, playback etc.**

d **Display SELECT SEARCH MODE in Stop mode.**
Press SEARCH.*

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



Commercial Skip

VCR fast forwards (skips) over 1-3 minutes of recorded tape.

A Press CM SKIP in Play mode.

• The skip time can be changed by pressing CM SKIP button repeatedly as shown by the figure below.

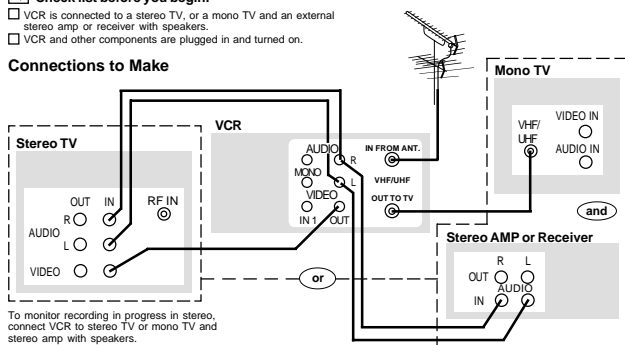


MTS Broadcast/VHS Hi-Fi Stereo System

Check list before you begin.

- ☐ VCR is connected to a stereo TV, or a mono TV and an external stereo amp or receiver with speakers.
- ☐ VCR and other components are plugged in and turned on.

Connections to Make



To monitor recording in progress in stereo, connect VCR to stereo TV or mono TV and stereo amp with speakers.

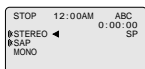
Receivable Broadcast Types

The following are possible audio broadcast types and on-screen displays. The signal being received is indicated with a "g" mark while the selected audio mode is indicated with an arrow.

DISPLAY Display the broadcast signal being received. Press DISPLAY.

MTS Stereo and SAP broadcast

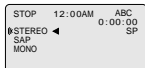
Multi-channel Television Sound Stereo (main language) and Secondary Audio Program (sub language) broadcasts are both being received simultaneously. Select STEREO or SAP audio mode.



MTS Stereo broadcast

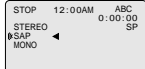
Multi-channel Television Sound Stereo broadcast. Select STEREO audio mode.

- If stereo broadcast is weak and display flickers, select MONO audio mode for possibly better results.



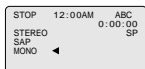
SAP broadcast

Secondary Audio Program (sub language) broadcast. Select SAP audio mode for the sub language.



MONO broadcast

Normal monaural sound broadcast.



Equipped with **dbx** TV Noise Reduction for true MTS reproduction. **dbx** TV Noise Reduction is required for good stereo separation and audio fidelity. **dbx** is a registered trademark, and is licensed by **dbx** Technology Licensing.

When set to proper audio mode VCR can:

- 1) record/playback MTS stereo broadcasts (main language) in Hi-Fi stereo.
- 2) record/playback mono (main language) or SAP (sub language) broadcasts.
- 3) playback non Hi-Fi tapes in monaural.

- The selected broadcast sound is always recorded on left and right Hi-Fi track as well as the normal monaural track. This means tapes can be played back on Hi-Fi and non Hi-Fi VCRs.

Audio Mode for Recording

1



Display audio mode.
Press SAP/ Hi-Fi.

2



Select desired mode.
Press SAP/ Hi-Fi repeatedly (each press within 5 seconds).

- Refer to "Receivable Broadcast Types".

- Arrow indicates selection.

3

Do a recording.

Audio Mode for Playback

a

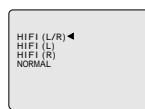
Start playback.

b



Display audio mode.
Press SAP/ Hi-Fi.

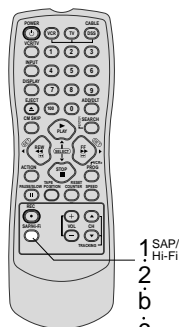
c



Select desired mode.
Press SAP/ Hi-Fi repeatedly (each press within 5 seconds).

- Select "HIFI(L/R)" or "HIFI(L)" or "HIFI(R)" to listen to stereo recordings in stereo sound. Select "NORMAL" for monaural sound.

- Arrow indicates selection.



Notes

- Only tapes recorded in Hi-Fi stereo will play back with true stereo sound. Standard stereo tapes will playback in monaural sound.
- To listen to Hi-Fi stereo playback, the VCR AUDIO (L/R) jacks must be connected to a stereo TV or an external stereo amp and speakers.
- If tracking is adjusted during playback, Hi-Fi audio may revert to normal audio.
- Hi-Fi and normal audio playback volume level may differ.

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



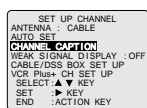
Display MENU.
Press ACTION.*

2



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

3



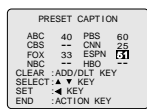
Display CHANNEL CAPTION.
1) Press **▲▼** to select.
2) Press **▶** to display.

4



Display PRESET CAPTION.
1) Press **▲▼** to select.
2) Press **▶** to display.

5



Assign preset captions.
1) Press **▲▼** to highlight caption.
2) Press **▶** to move cursor to the right.
3) Press **▲▼** to select CHNumber.
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



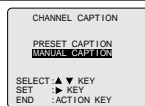
End setup.
Press ACTION four times.

Manual Caption

1

Do "Preset Caption" steps 1-3 on previous Section.

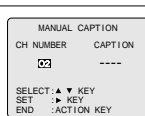
2



Display MANUAL CAPTION.

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

3

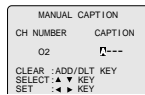


Select channel number.

- 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.

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z 0 1 2 3 4 5 6 7 8 9

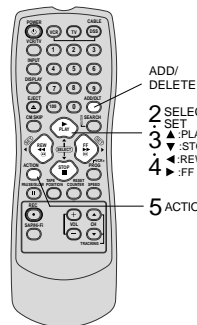
- Repeat steps 3 and 4 as desired.

To make corrections.
Press **◀▶** to move to the incorrect entry, then press **▲▼** to make correction. Or, press ADD/DLT to clear the caption.

5



End setup.
Press ACTION four times.



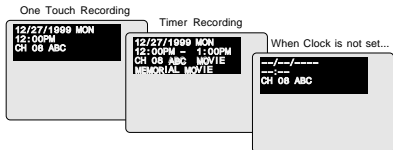
Special VCR Features (continued)

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."

- ACTION**
Press ACTION.*
- Display SET UP VCR.**
1) Press \blacktriangle to select.
2) Press \blacktriangleright to display.
- Set ON or OFF.**
1) Press \blacktriangle to select.
2) Press \blacktriangleright 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>

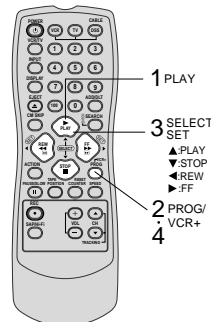


- ☒ Check list before you begin.
- ☐ Clock is set to correct time.
- ☐ Record tab in place.

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 \blacktriangle to select.
2) Press \blacktriangleright to enter and continue.
* Characters in NOTES will change in the following order.
 $\rightarrow A \leftrightarrow B \leftrightarrow C \leftrightarrow \dots \leftrightarrow Z \leftrightarrow \text{BLANK} \leftrightarrow \dots \leftrightarrow 8 \leftrightarrow$
3) Repeat 1) and 2) as needed.
To make corrections, Press \blacktriangle to move to the incorrect entry, then press \blacktriangle to make the correction.
- Write the new data.**
Press PROG/VCR+.
* When data is written, VCR returns to Stop mode.



Special VCR Features (continued)

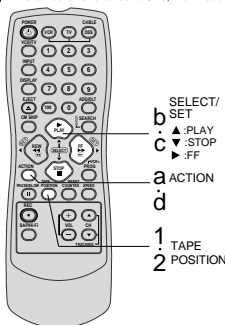
Tape Position Display Feature

To find out the present tape position.

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

- Detect Tape Position.**
Press TAPE POSITION.
• "DETECTING TAPE POSITION" only appears the first time a cassette is inserted.
• It takes several seconds for correct indication to appear.
• The present tape position indication is displayed.
- Return to normal screen.**
Press TAPE POSITION.

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



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.

- ACTION**
Press ACTION.
- Display SET UP VCR.**
1) Press \blacktriangle to select.
2) Press \blacktriangleright to display.
- Set ON or OFF.**
1) Press \blacktriangle to select.
2) Press \blacktriangleright to set.
* "OFF" -> remote warning will not appear even if invalid key is pressed.
- Return to normal screen.**
Press ACTION twice.

VCR Lock Feature

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

- REC**
Press REC in Stop mode.
VCR LOCK ACTIVATED
- To turn on:**
In Stop mode, hold down REC on the VCR without a cassette inserted for 7 seconds.
VCR LOCK OFF
- To turn off:**
Repeat above.

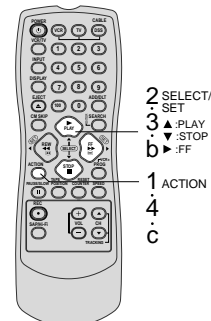
* VCR Lock is canceled automatically after 24 hours if clock is set.



Weak Signal Display ON/OFF Feature

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

- ACTION**
Press ACTION.*
- Display SET UP CHANNEL.**
1) Press \blacktriangle to select.
2) Press \blacktriangleright to display.
- Set ON or OFF.**
1) Press \blacktriangle to select.
2) Press \blacktriangleright 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 feature, 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.

- Repeat step "a" and "b" to display SET UP VCR.**
- Set ON or OFF.**
1) Press \blacktriangle to select.
2) Press \blacktriangleright to set.
- Return to normal screen.**
Press ACTION twice.