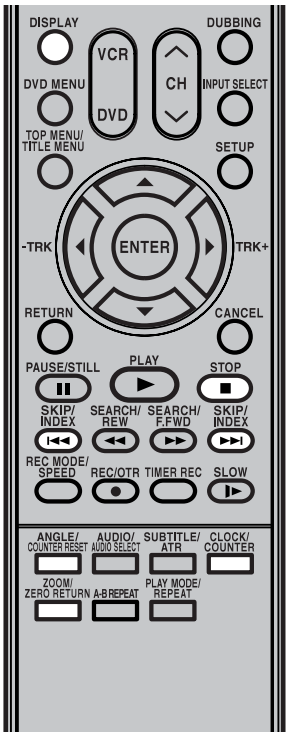
ZERO RETURN function / Video index search system

VCR

ZERO RETURN function

This function makes tape rewinding stop at the counter "00:00:00" position automatically.



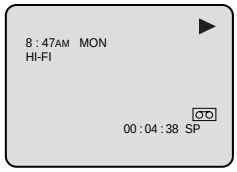
NOTES for Counter Display:

- If you rewind the tape beyond "00:00:00", a minus sign ("–") will be displayed in front of the time.
- When you load a tape, the counter will reset to "00:00:00".
- The counter does not function on nonrecorded (blank) sections of the tape. When you rewind, fast forward or play tapes through blank sections, the counter stops.

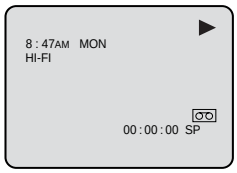
NOTES for Video index search system:

- When you record an INDEX mark at the very beginning of the tape, the mark may not be found.
- During INDEX search, the tape may stop and begin to play at a slightly different location.
- INDEX may not function properly with old or worn out video tapes.
- INDEX marks may not be found if it is extremely close to the point where the search began.
- In recording, if you stop recording temporarily, the INDEX mark is not recorded on the tape.

1 Press **DISPLAY**.
The counter display shows the tape running time during playback or recording.



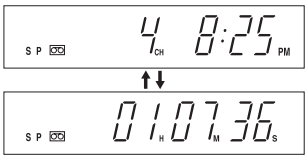
2 Press **COUNTER RESET** at the desired tape position. The counter display will be reset to the "00:00:00" position (e.g. the beginning of recording).



3 Press **STOP** when playback or recording is finished.
Press **ZERO RETURN**.
The tape will be rewound or fast forwarded and automatically stop at the "00:00:00" position.

Switching the display between clock and counter

Press **CLOCK/COUNTER**. The clock and tape counter alternate with each other in the display.

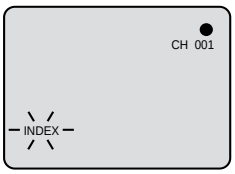


Video index search system

This function enables you to locate the beginning of any recording made on the VCR.

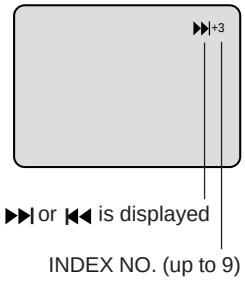
Recording an INDEX MARK

The Index search function automatically records an INDEX mark on the tape whenever a recording is initiated.



Index search

Press **INDEX** ⏭ or ⏮ during stop or play mode.
For Succeeding programs: Press **INDEX** ⏭.
For Preceding programs: Press **INDEX** ⏮ .
(Additional press increases the INDEX NO. up to 9.)
When the **INDEX** ⏭ or ⏮ is pressed, the unit starts searching the INDEX NO. selected and finds the portion, then playback starts automatically.
To stop the Index Search, press **STOP**.



Read this before recording on disc

This section explains things you must know to record onto a disc. Read it before attempting to record.

NOTE:
Should a power failure occur or should the AC cord plug be disconnected while recording, editing, initializing, finalizing or any other function, the program being recorded will be lost or the disc may not be playable. Manufacturer can not guarantee against loss of program or disc should this occur. To start recording again, re-format the disc or use a new disc and follow the instruction on recording.

NOTES:
Recording time can change for the following reasons.
- When image quality is poor as during poor TV reception.
- When recording on a disc that has been edited before.
- When the video is followed with recordings of still images or just audio.

NOTE:
Because of characteristics peculiar to digital video compression technology, scenes with fast motion may appear as a matrix of larger blocks.

Types of disc

You can use DVD-RAM, DVD-RW and DVD-R discs to record video.

DVD-RAM/-RW (VR mode)

- This mode involves mutiple editing functions.
- Various editing options using a created Playlist.

DVD-RW (Video mode)/-R

- Simple editing (renaming titles).

For more information on recording format, see “Recording format” (page 10).

Recording modes

There are 4 modes for recording on disc. Recording time and quality vary according to mode.

Recording mode	Recording time	Quality
XP	Approx. 60 min	Can record high quality images.
SP	Approx. 120 min	Can record normal quality images.
LP	Approx. 240 min	Quality deteriorates slightly, but recording time is longer.
SLP	Approx. 360 min	Recording time is prioritized over quality.

- Recording time above is based on a 4.7GB disc.

Since DVD recording is performed using VBR (Variable Bit Rate), recording time varies according to the recorded content.
To know the correct recording time, stop recording and check the media information. (See page 35.)

Disc remaining time

VR mode

- Recording is possible as long as there is available space on the disc. (Finalized discs can be recorded by cancelling the finalization, see “UNDO FINALIZE” on page 28.)
- Erasing unnecessary title frees up available space on the disc. (Titles can be erased from finalized discs by first undoing the finalization. See “UNDO FINALIZE” on page 28.)

Video mode

- Up until the disc is finalized, recording is possible as long as there is available space on the disc. (Once the disc has been finalized, additional recording and erasing are not possible.)
- The remaining time cannot be increased, nor can recorded title be overwritten.
- Titles cannot be erased nor can recorded titles be overwritten.

2G10101A P47-P54 52 2/10/05, 9:22 AM

Read this before recording on disc

Images that cannot be recorded

Some DVD-Video and broadcasts contain copy-restriction signals to protect copyrights. There are 3 types of copy-restriction signals: “Copy Free”, “Copy Never” and “Copy Once”.

“Copy Free” (unrestricted recording)

Land-based TV broadcasts and images you record yourself with a video camera allow unrestricted recording. There are no restrictions on recording.

“Copy Never” (recording prohibited)

- Images that contain the recording prohibited signal cannot be recorded.
- If the recording prohibited signal appears halfway through an image you are recording, recording is paused at that instant. When the recording prohibited signal ends, recording resumes.
- This unit incorporates a built-in copy guard. It cannot record software or broadcasted programs that contain copy restriction signals designed to protect copyright, etc.

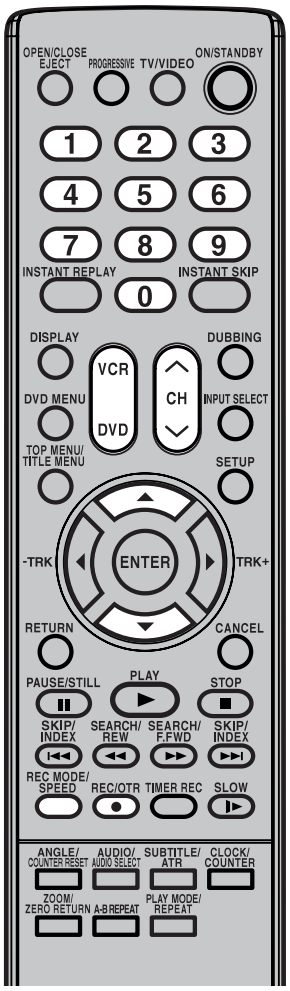
“Copy Once” (one-time recordable)

Programs (images) that contain the one-time recordable signal can be recorded only in the VR mode using a DVD-RW disc that supports CPRM Ver. 1.1 and Ver 1.2.

2G10101A P47-P54 53 2/10/05, 9:22 AM

Recording a TV program

You can record programs you watch on TV onto video tapes or DVDs.



NOTES:

- When recording onto a DVD, it takes some time from when you press **REC/OTR** until recording actually starts.
  Press **REC/OTR** a little before your preferred starting point.
  With a video tape, recording starts almost at the same time you press **REC/OTR**.
- If the erase prevention tab of video tapes is removed, the tape will eject when **REC/OTR** is pressed for recording.

Preparation:

- Turn ON the TV and set it to the video input mode.
- Load a recordable DVD or video tape into the unit.
- Press **DVD** or **VCR** to select the appropriate mode.

1 Press **REC MODE/SPEED** to select the recording mode.
The recording mode will appear on the TV monitor and change every time **REC MODE/SPEED** is pressed.
Video recording modes: SP/SLP
DVD recording modes: XP/SP/LP/SLP

VCR mode

DVD mode

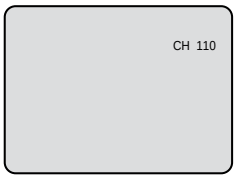
SP is the normal recording mode for video tapes. SLP offers 3 times the recording time as SP. For more information on DVD recording modes, see page 52.

2 Set the TV/CABLE option to the appropriate position (page 32).

TV	- VHF/UHF channels
CABLE	- CABLE TV channels

3 Press the **numeric keys** or **CH ∧/∨** to select the channel to be recorded.

1-9	Press **0** twice and then **1-9** as required. Example: To select 2, Press "**002**".
10-12	Press **0** first and then the remaining 2 digits in order from left to right. Example: Press **012** for "12".
13-99	Press 2 digits in order. Example: Press **22** for "22".
100-125	Press the 3 digits in order. Example: Press **110** for "110".



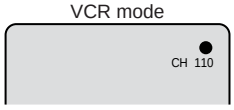
VHF/UHF/CABLE CHANNELS

TV	CABLE
VHF 2-13	VHF 2-13
UHF 14-69	STD/HRC/IRC 14-36 (A) (W) 37-59 (AA) (WW) 60-85 (AAA) (ZZZ) 86-94 (86) (94) 95-99 (A-5) (A-1) 100-125 (100)(125) 01 (5A)

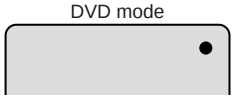
4 Press **REC/OTR**.

" ● " appears on the screen for about 4 seconds and recording will start.

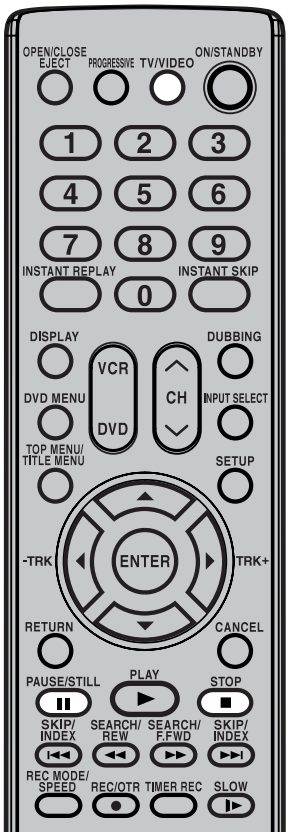
VCR mode



DVD mode



Recording a TV program



Auto Rewind feature

This VCR will automatically rewind the tape when the tape has ended (except during OTR and TIMER REC). It will also eject the tape.

NOTES:

- If the disc space become full, the recording is stopped and “Disc is full” will appear on the screen.
- In the event of a power failure during DVD recording including OTR and TIMER REC, the program can not be recorded on the disc.
  When the power resumes, after the VCR/DVD is turned on, the set checks the disc to repair the error which is caused by a power fail ure. This checking process may require a few minutes to about 1 hour ac cording to disc condition. In this process “SYSTEM ERROR PLEASE WAIT DISC CHECKING” will appear on the screen.

To stop recording

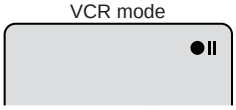
Press **STOP** to stop recording.
“ ■ ” will appear on the screen for about 4 seconds.

NOTE:
When recording onto a DVD, even if **STOP** is pressed during recording, recording does not stop instantly. Recording may continue for as long as 5 seconds maximum in the VR mode or 30 seconds maximum in the Video mode.

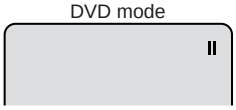
To stop recording temporarily

Press **PAUSE/STILL** to avoid recording unwanted material.
“ ●II ” will appear on screen for about 4 seconds.
Press again to resume recording.

VCR mode



DVD mode



NOTES:

- In video recording, the pause function will be released after 5 minutes to prevent damage the video tape. The unit will change to the STOP mode.
- When recording onto a video tape, you can select a recording channel in the recording pause mode. (You cannot change a recording channel in the DVD recording pause mode.)

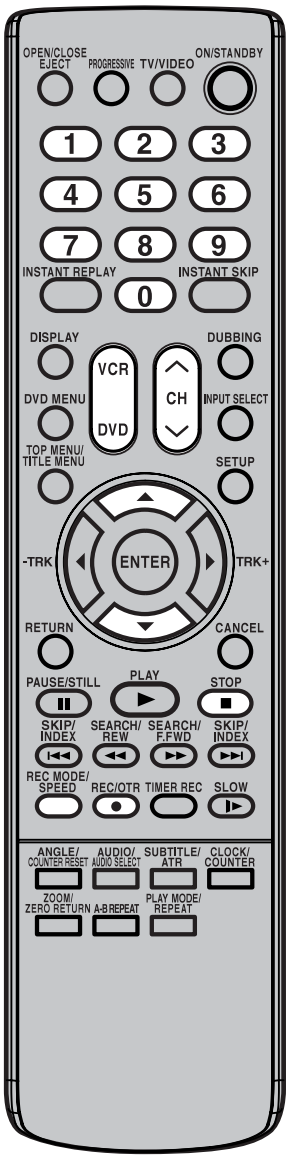
Recording one program while watching another

While the unit is recording, press **TV/VIDEO** to select the TV position. The “TV” will go on and recording will continue.
Select the TV channel you want to watch by using the TV channel selector.

NOTE:
Some CABLE hookups do not permit viewing one channel while recording another. See pages 18, 19.

One-touch Timer Recording (OTR)

The One-touch Timer Recording feature provides a simple and convenient way to make a timed recording.



NOTE:
If you wish to watch the DVD playback during the VCR OTR, press **DVD** to change to DVD mode and perform the DVD playback. You can also playback the VCR during DVD OTR.

Preparation:
- Turn ON the TV and set to the video input mode.
- Load a recordable DVD or video tape into the unit.
- Press **DVD** or **VCR** to select the appropriate mode.

Example: One-touch Timer Recording for 30 minutes.

1 Press **REC MODE/SPEED** to select the recording mode.
For the recording mode, see the step **1** on page 54.

VCR mode
00 : 00 : 00 SP

DVD mode
SP

2 Set the TV/CABLE option to the appropriate position (See page 32).

TV	- VHF/UHF channels
CABLE	- CABLE TV channels

3 Press **numeric keys** or **CH ∧/∨** to select the channel to be recorded.

CH 110

4 Press **REC/OTR**. Each additional press of **REC/OTR** will increase recording time as shown in the chart below, up to a maximum of 6 hours. The OTR and recording time will appear on the screen for about 4 seconds.

Press	Recording time	Press	Recording time
once	NORMAL REC	7 times	OTR 3:00
twice	OTR - : - -	8 times	OTR 4:00
3 times	OTR 0:30	9 times	OTR 5:00
4 times	OTR 1:00	10 times	OTR 6:00
5 times	OTR 1:30	11 times	NORMAL REC
6 times	OTR 2:00		

VCR mode
OTR 0 : 30
CH 110

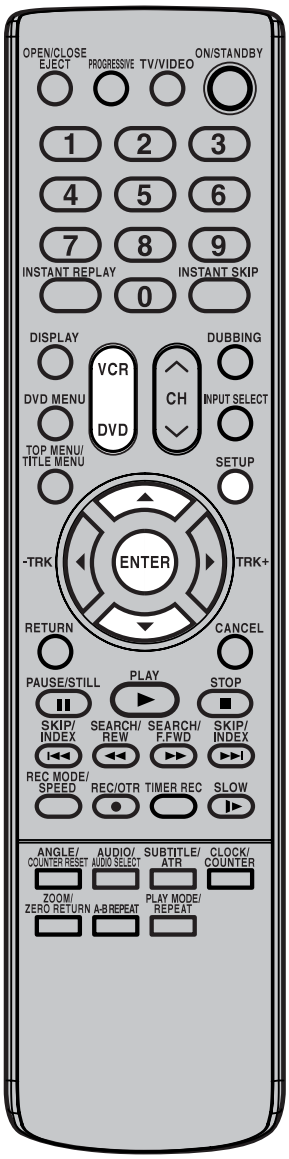
DVD mode
OTR 0 : 30

To cancel OTR
Press **STOP** or turn off the power.
" ■ " will appear on screen for about 4 seconds.

■

Timer recording

The timer recording system allows you to select the date, time and channel and record the desired programs. Up to 12 timer programs within a month can be stored in this unit.



NOTE:
If a recordable tape is not inserted or no disc space is available, the timer record indicator "⏲" flashes. Replace the tape or disc to allow recording.

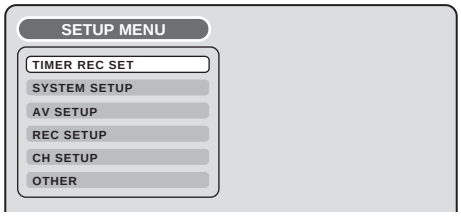
Setting timer recording

Preparation:

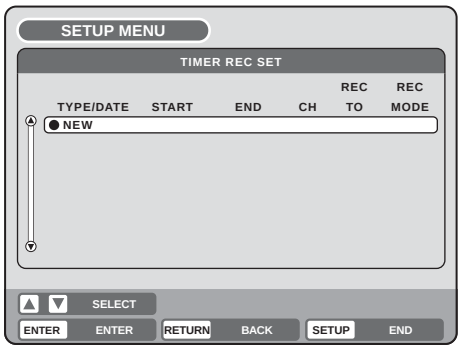
- Turn ON the TV and set to the video input mode.
- Load a recordable DVD or video tape.
- Press **DVD** or **VCR** to select the appropriate mode.
- Confirm that the clock is indicating the correct time.

Example: Set the recording mode to LP; the TV program is on channel 12 starting at 8:00 PM and stopping at 9:30 PM on a date of 20th.

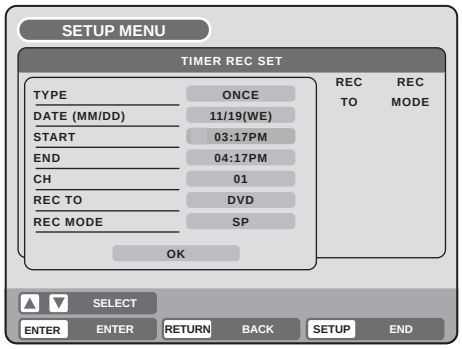
1 Press **SETUP**.
The SETUP MENU screen appears.



2 Press ▲ or ▼ to select "TIMER REC SET" and press **ENTER**.
The TIMER REC SET screen will appear.

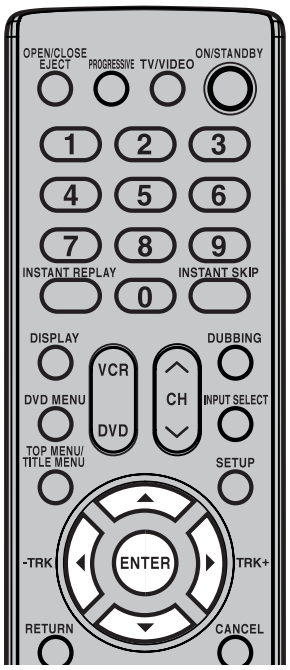


3 Press ▲ or ▼ to select "NEW" and press **ENTER**.
The program screen will appear.



Recording

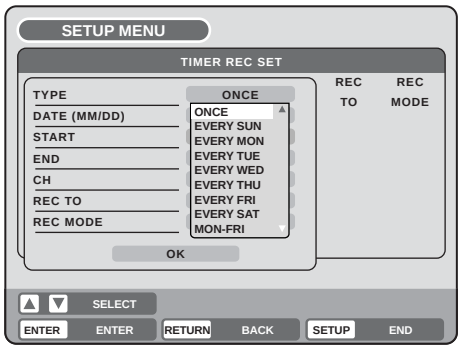
Timer recording



NOTES:

- If you select timer recording on a specified date only one time, select "ONCE" in the "TYPE" for recording. You can record same days of every week or from Monday to Friday using the item "TYPE". The items you can select are as follows:
  ONCE: Recording on the selected "DATE"
  EVERY SUN: Recording every Sun.
  EVERY MON: Recording every Mon.
  EVERY TUE: Recording every Tue.
  EVERY WED: Recording every Wed.
  EVERY THU: Recording every Thu.
  EVERY FRI: Recording every Fri.
  EVERY SAT: Recording every Sat.
  MON-FRI: Recording from Mon. to Fri.
  MON-SAT: Recording from Mon. to Sat.
  EVERYDAY: Recording everyday.
- The starting and stopping times for the recording are displayed on the 12-hour (am/pm) clock. Twelve o'clock midnight is displayed as "12:00AM ", whereas twelve o'clock noon is displayed as "12:00PM".
- The initial setting of "REC TO" and "REC MODE" can be changed using "Setting the recording". (See page 31.)

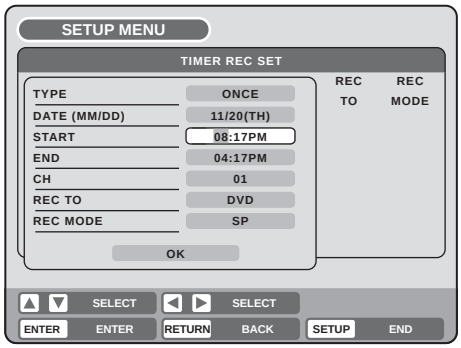
4 Press ▲ or ▼ to select "TYPE" and press **ENTER**.
Press ▲ or ▼ to select "ONCE" from the list and press **ENTER**.



5 Press ▲ or ▼ to select "DATE" and press **ENTER**.
Press ▲ or ▼ to select the date to be recorded from the list and press **ENTER**.

6 Press ▲ or ▼ to select "START" and press **ENTER**.
Set the time when the recording is started.

- To switch over the selection item (hour or minute), press ◀ or ▶, then press **ENTER**.
- Press ▲ or ▼ to adjust the time.
- After setting the time, press **ENTER**.



7 Press ▲ or ▼ to select "END" and press **ENTER**.
Set the stopping time in the same manner for setting the starting time of timer recording.

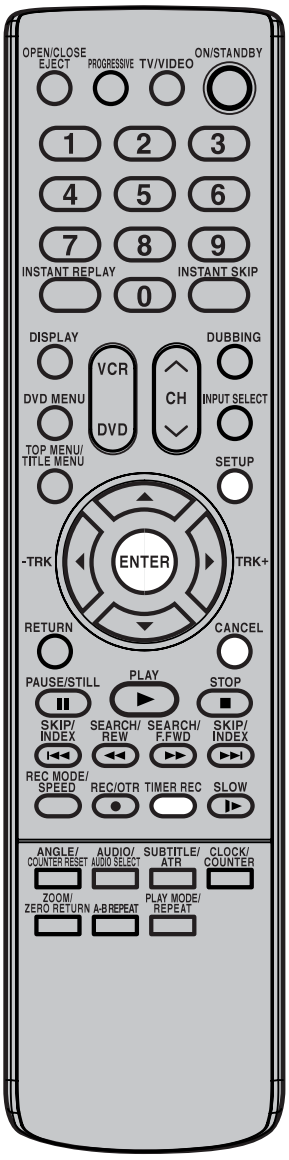
8 Press ▲ or ▼ to select "CH" and press **ENTER**.

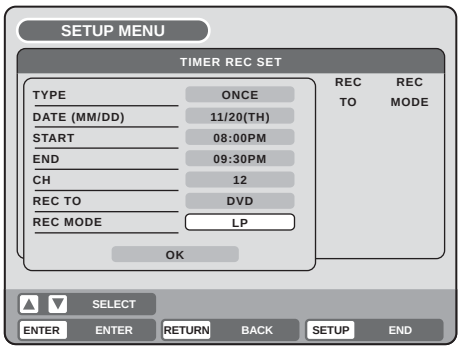
- Press ▲ or ▼ to select the channel to be recorded.
- You can select the external input (L1 or L2) by pressing ◀ or ▶.

9 Press ▲ or ▼ to select "REC TO" and press **ENTER**.
Select the media (DVD or VCR) to be recorded from the list and press **ENTER**.

10 Press ▲ or ▼ to select "REC MODE" and press **ENTER**.
The recording modes for the media selected in "REC TO" item are listed up.
Select the recording mode and press **ENTER**.
For the recording modes in VCR, see page 48, and for the recording modes in DVD, see page 52.

Timer recording





11 Select “OK” and press **ENTER**.
The timer program is determined and the TIMER REC SET screen appears again.

12 When you enter the other program for the timer recording, repeat the steps **3** to **11**.

13 Press **SETUP**.
The TIMER REC SET screen disappears and the display will return to the normal screen.

14 Press **TIMER REC**. The timer indicator “ ⏲ ” will appear on the display and the unit stands by for recording.
- If the program is DVD recording only, the unit will change to VCR mode automatically. (The DVD mode cannot be selected.)
- If the program is VCR recording only, the unit will change to DVD mode automatically. (The VCR mode cannot be selected.)
- If the programs are DVD and VCR recording, the unit will turn off. If you want to use the unit, press **TIMER REC** again to deactivate the timer.

Checking or changing the timer recording

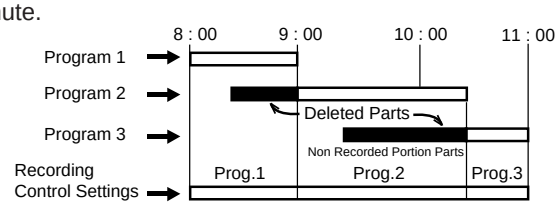
When you want to check the selected timer recording, follow the steps **1** and **2** of “Setting timer recording” and display the TIMER REC SET screen. To change the timer recording, select the program to be changed and press **ENTER**. The changing method is the same as that for the recording a program for the first time.

Cancelling the timer recording

Display the TIMER REC SET screen.
Select the program you want to cancel and press **CANCEL**, then the selected program will be erased from the timer recording list.

In case Timer programs-overlap

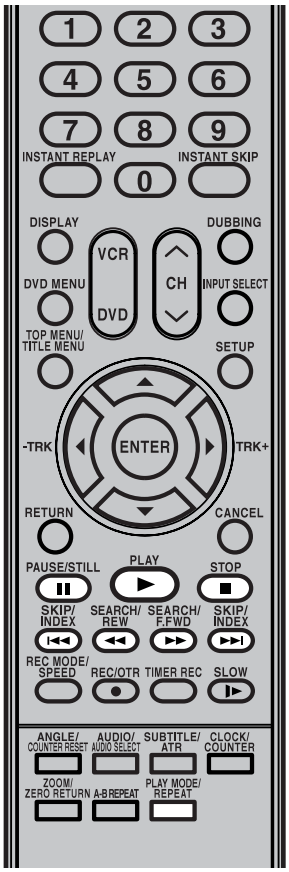
Do not overlap timer programs as portions of the conflicting programs will be lost. The first recording time has priority over the next recording time as shown in the diagram below.
In this case, the next recording time is delayed a maximum of about 1 minute.



NOTES:
- Recording starts a few seconds before the preset starting time.
- You cannot use the timer recording for the both DVD and VCR at the same time.
- You can playback the DVD during the VCR timer recording, and you can playback the VCR during the DVD timer recording.

Chase Playback

You can begin playback from the beginning of a program currently being recorded. You will find this function of great advantage on long programs, as you do not have to wait for the end of recording to begin playback.



Notes:

- Chase playback is unable when recording a DVD-RW/R disc and video tape.
- Chase playback is unable when recording in XP mode.
- Slow, Instant skip, Instant replay, A-B repeat, and Frame advance does not work during chase playback.
- Chase playback does not work until 15 seconds of recording have elapsed (LP mode: 20 seconds, SLP mode: 30 seconds).
- If you press **DISPLAY** during chase playback, the information screen is displayed (see page 35).

1 While recording a TV program on the DVD-RAM disc, press **PLAY** to start chase playback.
The TV program as it is being recorded will played back.

2 Locate a scene you want through the following operations if necessary.

Still playback:

Press **PAUSE**.

- To resume chase playback, press **PLAY**.

Fast forward/Review playback:

Press **SEARCH** ◀◀/▶▶. Every press **SEARCH**, it switches the speed of the search.

- To resume chase playback, press **PLAY**.
- If the playback position catches up to within 10 seconds, chase playback resumes.

Locating a chapter:

Press **SKIP** ⏮/⏭ to locate a chapter that you want to watch.

- If you press **SKIP** ⏭ while playing back the newest chapter, it starts playing back from 10 seconds before the recording position.

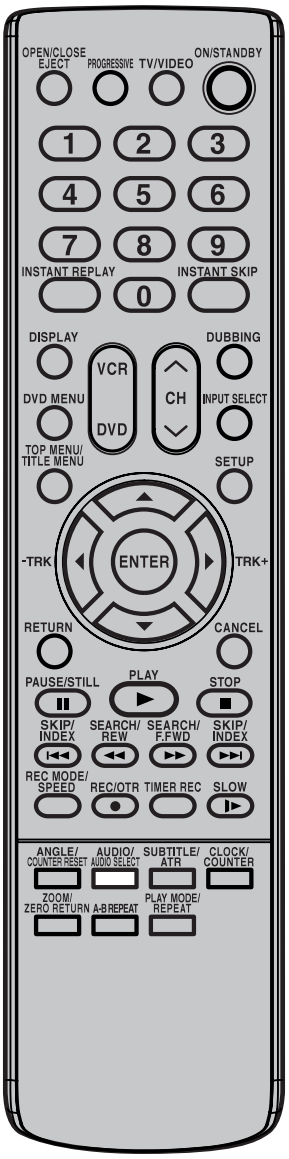
Locating a specific scene:

Press **PLAY MODE** enables you to do a Time Search or a Chapter Search. (See page 37.)

3 Press **STOP** to end chase playback.
If you press **STOP** again, the recording stops.

Stereo recording and playback

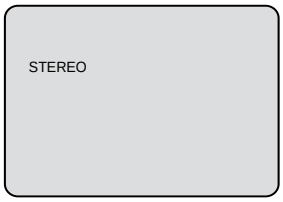
The VHS Hi-Fi audio system permits high fidelity recording of MTS STEREO TV broadcasts.



NOTES:

- When playing back a video tape or disc that is not recorded in Hi-Fi stereo mode, the audio will automatically be monaural.
- When listening to a Hi-Fi video tape, disc or MTS broadcast through the RF OUT (UHF/VHF) jack (Audio/Video cord not connected), the sound will be monaural.

When a MTS STEREO broadcast is received, the word “STEREO” will appear on the screen and the program can be viewed or recorded in stereo.
The Hi-Fi STEREO recording procedure is the same as for normal recordings.



NOTE:
When using a Cable TV system, stereo TV programs may be transmitted over a mono cable channel. In this case the word “STEREO” will not appear and the sound will be in mono.

Output selection

When viewing an MTS STEREO TV program, or playing a prerecorded Hi-Fi STEREO on video tape, press **AUDIO SELECT** to select how the audio will be heard through the speakers. Normally set to the Hi-Fi STEREO position, this button can be set to the MONO position if the stereo audio is of poor quality. The “R” and “L” positions allow the audio from the Right or Left Hi-Fi channel to be heard over both TV speakers. This button has no effect when viewing a monaural audio program. Each time when you press the button, output selection display appears on the screen for several seconds. Refer to the chart below.

OUTPUT SELECTION	SOUND HEARD ON BOTH SPEAKERS
STEREO	STEREO
L ch	LEFT CHANNEL AUDIO
R ch	RIGHT CHANNEL AUDIO
MONO	MONO

Output selection for DVD

You can switch between the left or right channel and stereo only when playing a disc on which a bilingual broadcast was recorded in the DVD-RW VR mode. It is not possible to switch between channels otherwise as only the channel selected in the setting of SAP (Second Audio Program; ON or OFF) is recorded in the DVD-RW video mode or DVD-R (see page 31).

NOTE:
When a stereo or monaural broadcast is recorded, either stereo or monaural, respectively, is played back and it is not possible to switch between channels.

Editing the disc

This section explains how to edit the recorded contents on DVD-RWs. However, the items that you can edit vary with the recording formats. In VR mode, you can edit various title menus, whereas in Video mode, you can edit only a few items.

Title menu

When the content is recorded, a title name that includes the date, time, channel number and other information is created automatically.
The title menu can be used when you playback after confirming the contents (see page 34), or when you check the contents recorded on the disc.

Original title

The titles explained above are called original titles; these will be added with every recording. In VR mode you can do various editing operations i.e., you can rename the titles, or add the chapter marks. In addition, you can erase the unnecessary titles to increase the disc space.

Playlist

You can create a playlist based on the original titles.
You can combine or erase undesired scenes.
If you create a playlist it will become the primary list used by the disc.
If you create a playlist to customize your viewing preferences, and choose to delete it, the original titles will not be affected. It is recommended to create and edit the playlist to prevent important titles from being erased accidentally.
If you create a playlist, both the original title and playlist will be displayed on the title menu.

Editable items

The items that can be edited are different between original title and playlist. For the disc in Video mode, only the title name can be edited. The items can be edited in each are as follows:

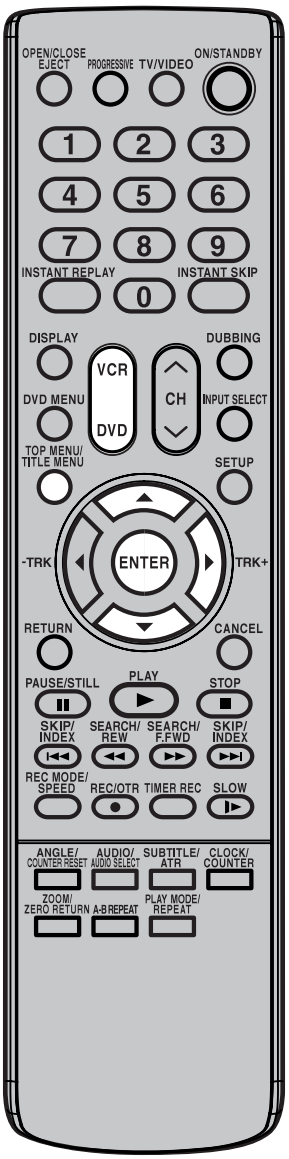
Editing items	VR mode		Video mode
	Original	Playlist	Original
Playback	Y	Y	Y
Adding chapter mark	Y	N	N
Combining chapters	Y	N	N
Erasing scenes	Y	Y	N
Erasing titles	Y	Y	N
Renaming titles	Y	Y	Y
Creating playlist	Y	N	N
Combining titles	N	Y	N

If you finalize the disc in Video mode, the title menu is automatically changed. Thumbnail image and recording information will not appear in the title menu affter finalizing.

NOTES:
- This unit cannot record or edit a disc which was recorded or edited using another DVD recorder.
- You cannot edit or record the disc on which disc protection is set. In such a case, be sure to cancel the disc protection before starting the operation.
- When a scene has been erased, the selected position for erasing may vary slightly from the actual erased position.

Editing a playlist

You can create and edit the playlist based on the original title.



NOTES:

- A playlist can only be created with a DVD-RW or a DVD-RW in VR mode. You cannot create a playlist with a DVD-RW in Video mode, nor with a DVD-R.
- In case the disc includes more than 10 titles, you can turn to the next or the previous page. (See page 34.)
- You cannot switch to the VCR mode when the title menu is showing. Press **TITLE MENU** to clear the title menu, then press **VCR** to switch to the VCR mode.

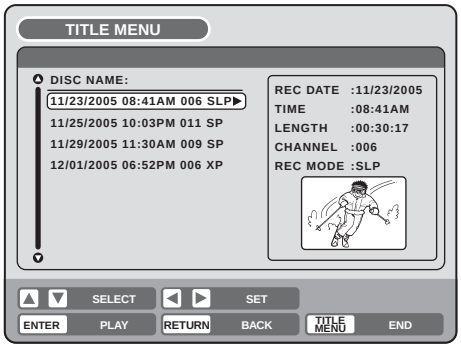
Preparation:

- Turn ON the TV and set to the video input mode.
- Load the recorded DVD-RAM/RW (VR).
- Press **DVD** to select the DVD mode. (The DVD indicator will light.)

Creating a playlist

RAM RW

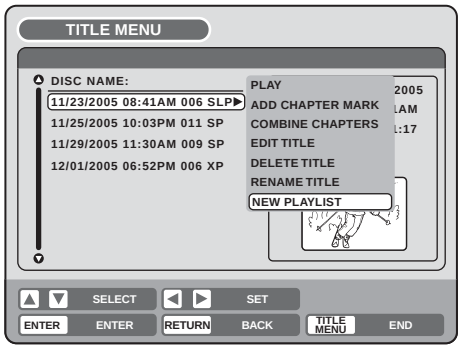
1 Press **TITLE MENU**.
The title menu will appear.



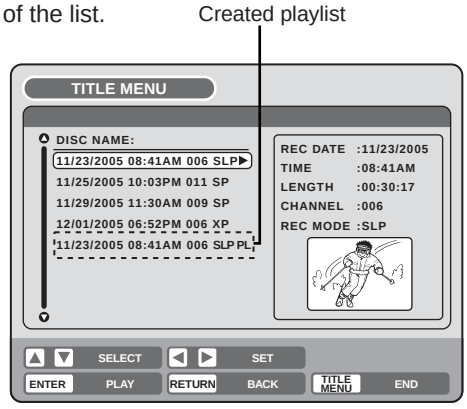
2 Press ▲ or ▼ to select the original title which will be used as the base of a playlist.

3 Press ▶.
The editing menu of original title will appear.

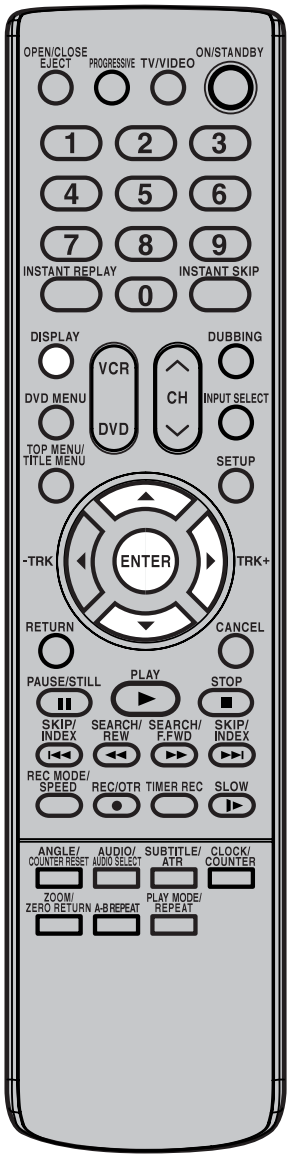
4 Press ▲ or ▼ to select "NEW PLAYLIST".



5 Press **ENTER**.
The editing menu closes and the created playlist appears at the bottom of the list.



Editing a playlist



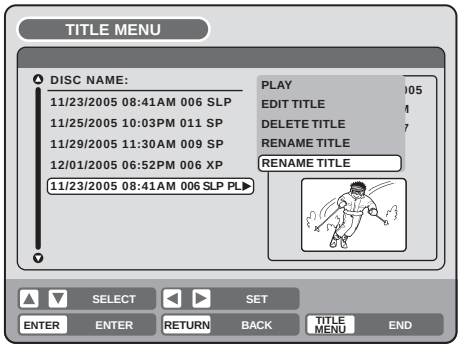
NOTES:

- The title name can be a maximum of 64 characters. Long names will be shortened in the title menu.
- For using the keyboard screen, see “Changing a disc name” (page 75).

Changing a title name

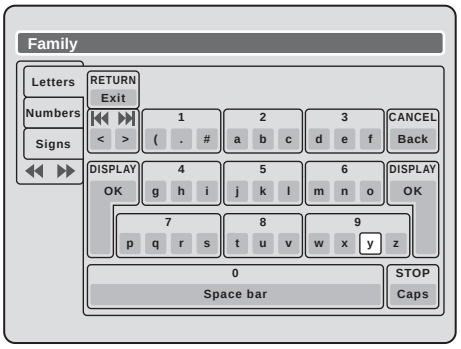
1 Press **TITLE MENU** to display the title menu.

2 Select the playlist where you want to change the title name.
- Press ▲ or ▼ to select the playlist.
- Press ▶ to display the editing menu of the playlist.
- Press ▲ or ▼ to select “RENAME TITLE”.

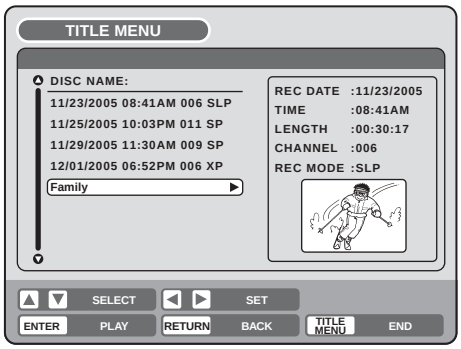


3 Press **ENTER**.
The keyboard screen will appear.

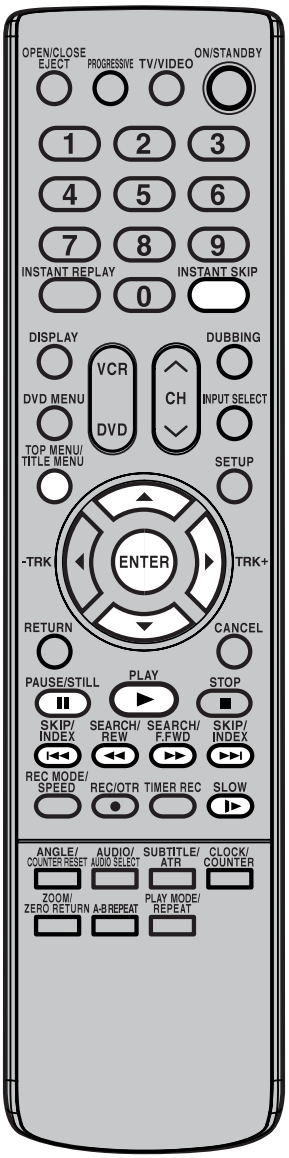
4 Use the keyboard screen to enter the title name.



5 Press **DISPLAY** to return the title menu.



Editing a playlist

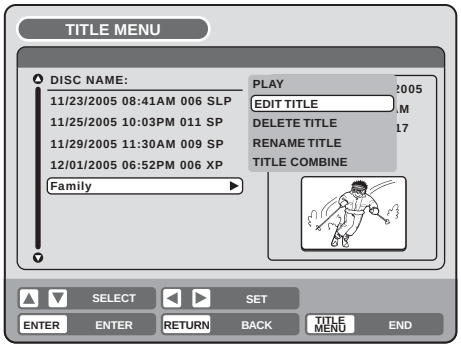


Erasing a scene (Edit title)

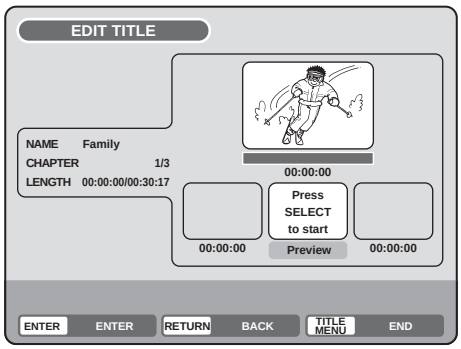
You can erase an unnecessary scene from the created playlist.
When you erase the scene from the playlist, the scene is not erased from the original title.

1 Press **TITLE MENU** to display the title menu.

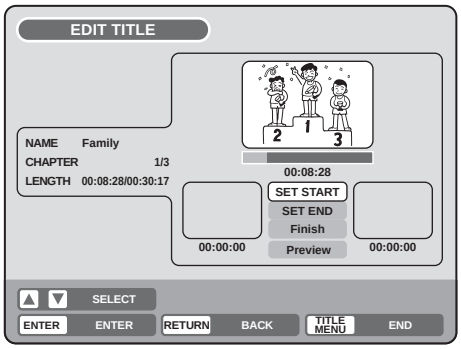
2 Select the playlist where a scene you want to erase is included.
- Press ▲ or ▼ to select the playlist.
- Press ▶ to display the editing menu of the playlist.
- Press ▲ or ▼ to select "EDIT TITLE".



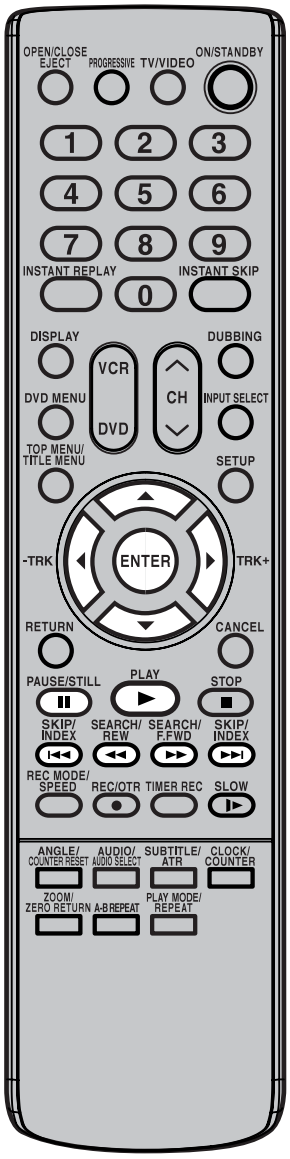
3 Press **ENTER**.
The EDIT TITLE screen appears.



4 Press **ENTER** to playback the playlist on the EDIT TITLE screen.
- Use each operation button (**F.FWD**, **REW**, **SKIP +**, **SKIP -**, **PLAY**, **PAUSE/STILL**, **SLOW**, **INSTANT SKIP**) for the playback to search the starting point of the scene you want to erase.

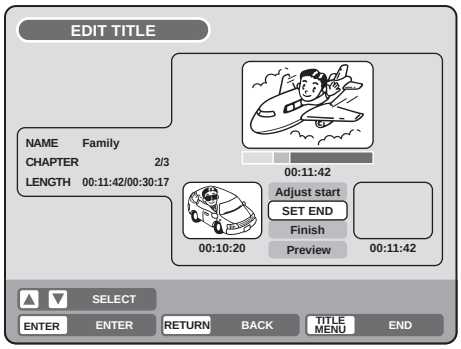


Editing a playlist

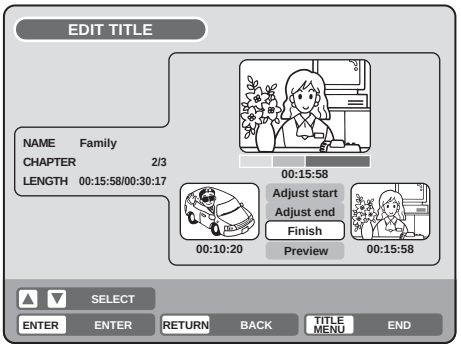


NOTE:
It is no problem to omit the procedures for confirming the scene or adjusting start and end points.

5 Press ▲ or ▼ to select “SET START” at the start point of the scene that you want to erase and press **ENTER**. (To set the start point easily, search the start point while “SET START” is selected) The still image at the start point appears at the left small screen.



6 Press ▲ or ▼ to select “SET END” at the end point of the scene you want to erase and press **ENTER**.
The still image at the end point appears at the right small screen.

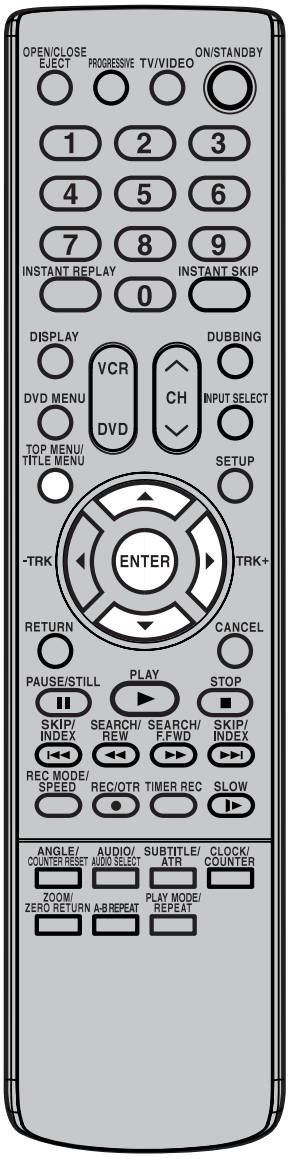


7 Check the erased scenes.
- Select “Preview” and press **ENTER**. Then the video where the scenes between the start and end points are erased is played back.
- Each operation button (**F.FWD**, **REW**, **SKIP +**, **SKIP -**, **PLAY**, **PAUSE/STILL**) for playback also can be used.

8 Adjust the start and end points.
- To adjust the start point, select “Adjust start” and press **ENTER**. You can change the start point every one frame by pressing ◀ or ▶.
- To adjust the end point, select “Adjust end” and press **ENTER**. You can change the end point in the same way as the start point.

9 If you determine the scene to be erased, press ▲ or ▼ to select “Finish” and press **ENTER**.
- A chapter mark is automatically added at the location of the erased scene.

Editing a playlist

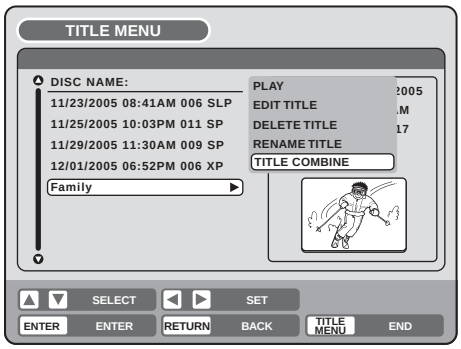


Combining the title

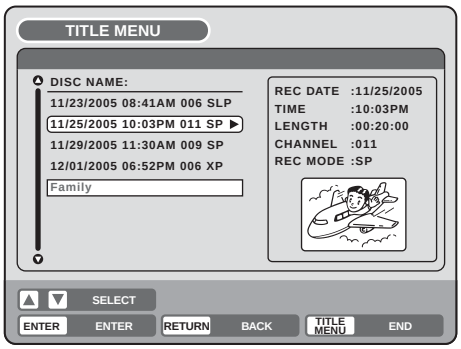
You can create a playlist by combining the several original titles or playlists. To combine the titles, it is necessary to create a playlist at first. By combining the titles in the playlist, a playlist where several titles are combined is created.

1 Press **TITLE MENU** to display the title menu.

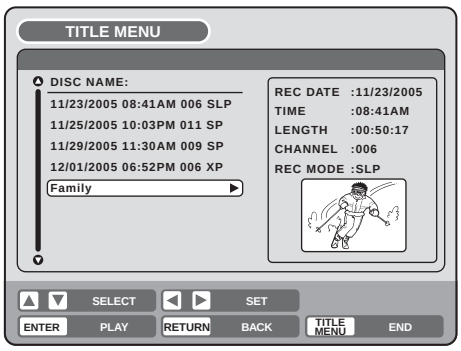
2 Select the playlist where you want to combine the titles.
- Press ▲ or ▼ to select the playlist.
- Press ▶ to display the editing menu of the playlist.
- Press ▲ or ▼ to select “TITLE COMBINE”.



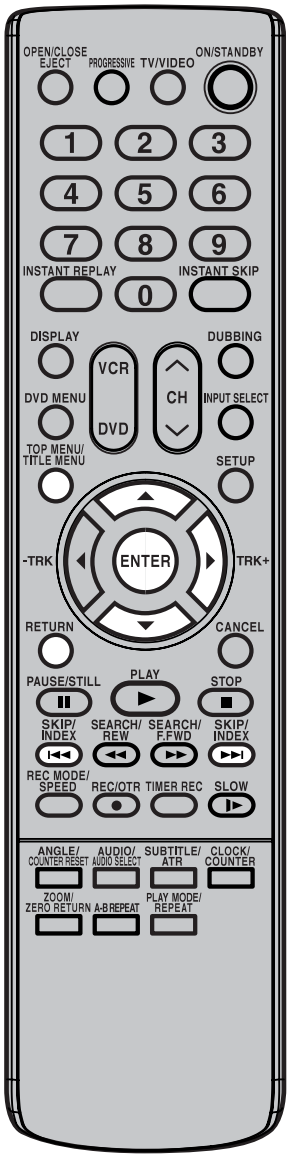
3 Press **ENTER**.
Select the title that you want to combine from the title menu.



4 Press **ENTER**.
Following the playlist, the selected title is combined.
The several titles were combined so that the total recording time is displayed.



Editing a playlist

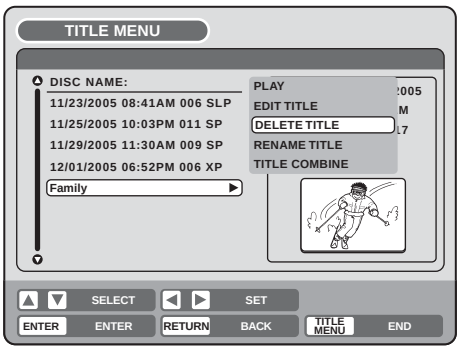


Erasing a playlist

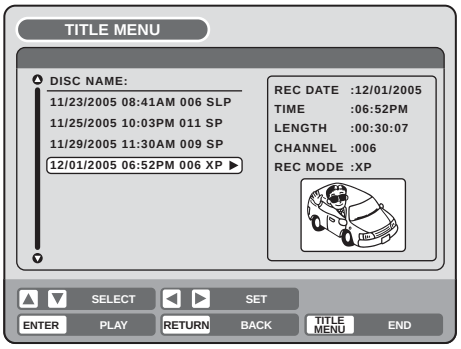
You can erase the created playlist. Even if you erase the playlist, the original title will not be erased.

1 Press **TITLE MENU** to display the title menu.

2 Select the playlist that you want to erase.
- Press ▲ or ▼ to select the playlist.
- Press ▶ to display the editing menu of the playlist.
- Press ▲ or ▼ to select “DELETE TITLE”.

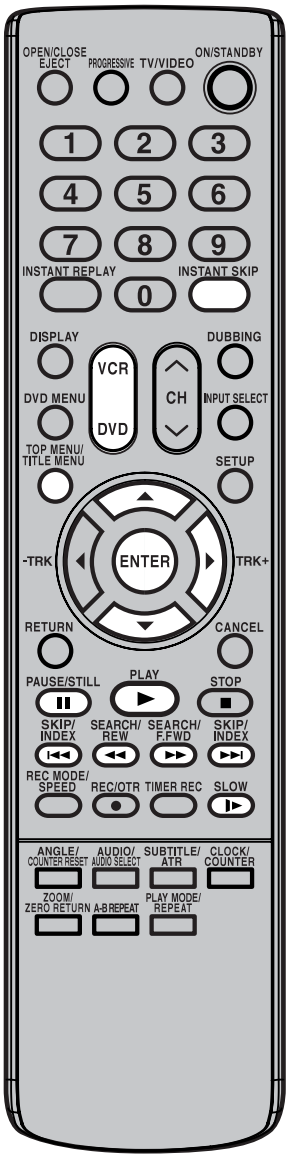


3 Press **ENTER**.
The selected playlist will be erased.



Editing an original title

In VR mode, you can edit various items, whereas in Video mode, you can edit the title names only.



NOTES:

- You can automatically add a chapter mark in recording. For more information, see page 31.
- In case the disc includes more than 10 titles, you can turn to the next or the previous page. (See page 34.)

Preparation:

- Turn ON the TV and set to the video input mode.
- Load the recorded disc.
- Press **DVD** to select the DVD mode. (The DVD indicator will light.)

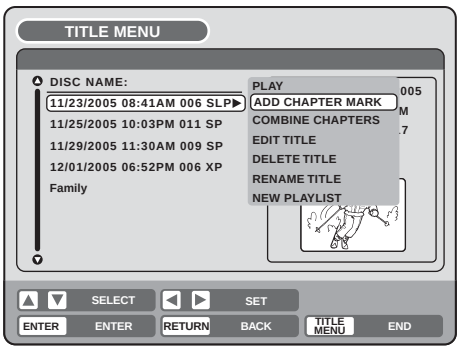
Adding a chapter mark

RAM VR

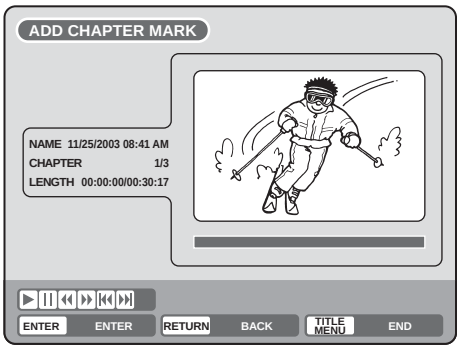
You can add a chapter mark to the original title. You can add up to 999 chapter marks to one disc.

1 Press **TITLE MENU** to display the title menu.

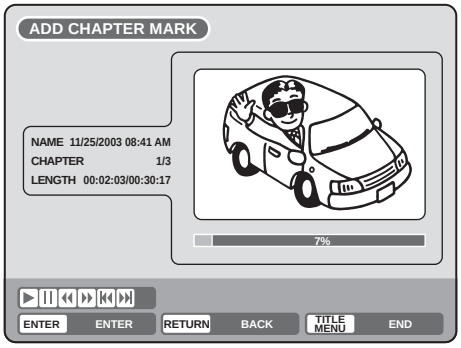
2 Select the original title where a chapter mark is added.
- Press ▲ or ▼ to select the original title.
- Press ▶ to display the editing menu of the original title.
- Press ▲ or ▼ to select "ADD CHAPTER MARK".



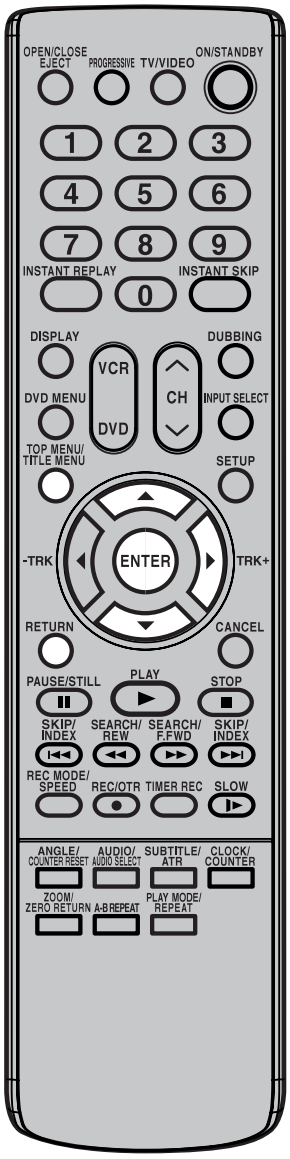
3 Press **ENTER**.
The ADD CHAPTER MARK screen will appear.



4 Press **PLAY** to search a scene where you want to add the chapter mark.
- Search the scene by using each operation button (**F.FWD**, **REW**, **SKIP +**, **SKIP -**, **PAUSE/STILL**, **SLOW**, **INSTANT SKIP**) for the playback.

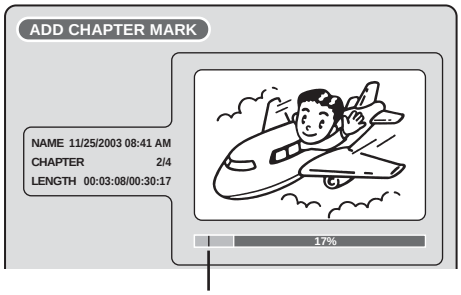


Editing an original title



NOTE:
Chapter marks that have been added automatically in the erasing of a scene procedure (page 72) cannot be erased.

5 When the scene you want to add a chapter mark, press **ENTER**. The playback is paused and the position of the added chapter mark appears green.



The added chapter mark

6 If you want to continue to add chapter mark, repeat step **5**.

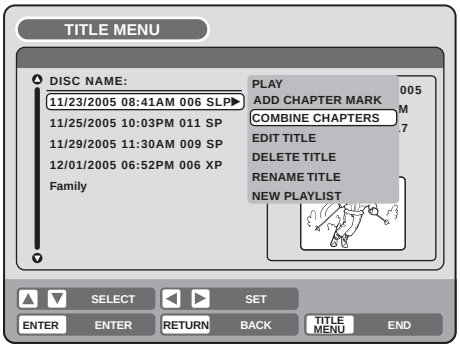
7 Adding chapter marks is finished.
- To display the title menu, press **RETURN**.
- To return to the normal screen, press **TITLE MENU**.

Combining chapters

By erasing the added chapter marks, the chapters can be combined.

1 Press **TITLE MENU** to display the title menu.

2 Select the original titles where you want to combine the chapters.
- Press ▲ or ▼ to select the original title.
- Press ▶ to display the editing menu of original title.
- Press ▲ or ▼ to select “COMBINE CHAPTERS”.



3 Press **ENTER**.
The COMBINE CHAPTERS screen will appear. At the beginning, the top still image in the chapter 2 is displayed.