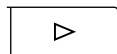
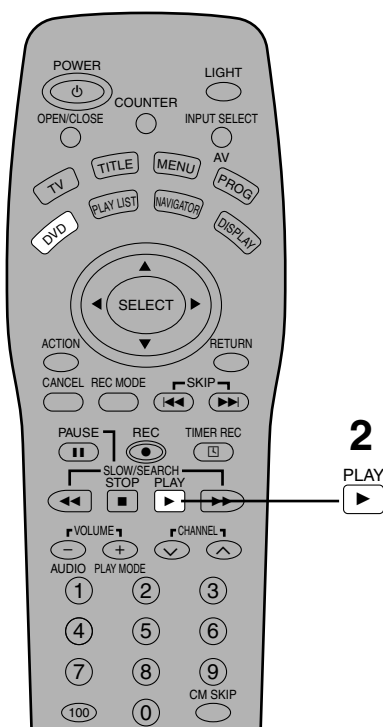


PLAY



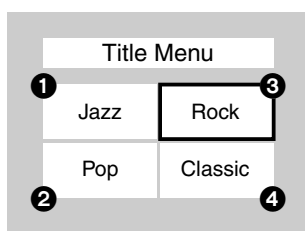
2



2

PLAY

Example of the menu display



Playing discs

Preparation

RAM

DVD-V

VCD

CD

- Select the TV set's video input so that it matches the connection of the DVD Video recorder unit.
- Press [DVD] when the remote control is to be used for DVD Video Recorder's operations.

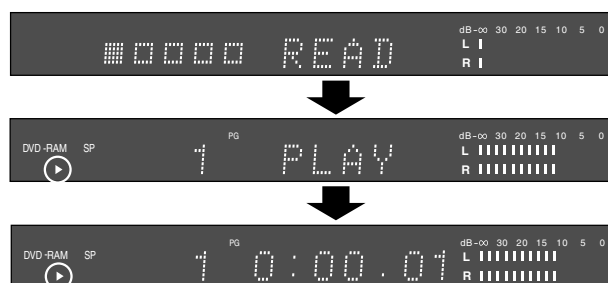
1 Insert the disc.

- Refer to the previous section.

2 Press [PLAY].

- Immediately after the disc is inserted, the "■□□□ READ" display appears.
The only operations accepted at this time are power on/off and tray open/close.
- When all 5 squares are filled in, reading is completed, and play starts. (This takes about 20 to 30 seconds.)

Example of a DVD-RAM



"Now playing" display

■ Volume

DVD-V

- If the unit's sound is connected to a component such as a TV set, the DVD sound will generally be perceived as being lower than with other software media. If the volume is turned up for this reason at the TV set or amplifier, be absolutely sure to turn it back down after disc play.

■ When the menu screen has appeared

DVD-V

VCD

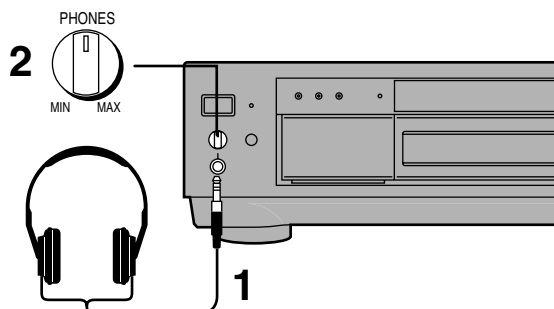
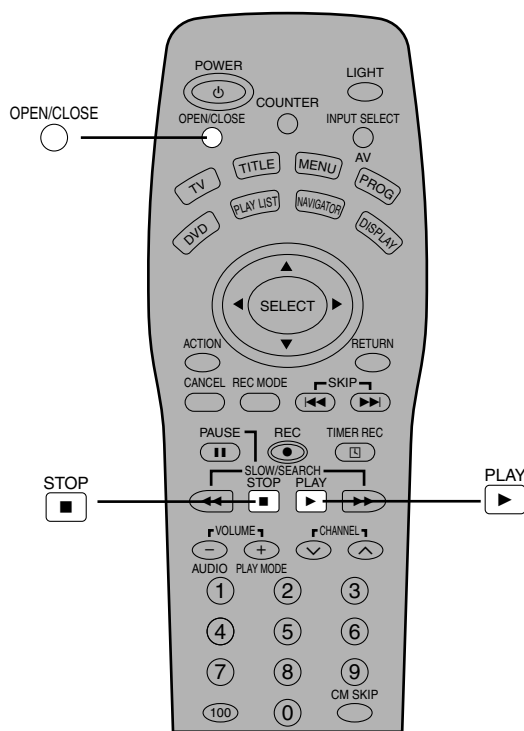
The menu screen appears with most interactive DVD discs and video CDs with playback control. Refer to page 24.

Notes:

- If the "⊘" (prohibited) mark appears on the TV screen while the buttons are being operated, it means that the unit or the disc is prohibited from performing the operation indicated.
- A blank (unrecorded) DVD-RAM disc cannot be played.

■ When play is completed

- Disc play stops automatically and, with some discs, the menu screen appears.



Stopping disc play

RAM

Press [STOP]. TV mode resumes.

- If "►" is flashing on front panel LCD, it means that the "Resume function" (see below) is working.

DVD-V

VCD

CD

■ The **DVD VIDEO RAM** mark appears on the TV screen when play is stopped.

When play is stopped, the screen shown on the left (middle) appears.

To clear this display and watch a TV program using the unit's tuner, press [STOP] again in the stop mode.

- When the menu has appeared while a DVD-Video or Video CD is playing, the disc will continue to rotate even if the screen is placed in the pause status. If the disc is not going to be played, press [STOP] again.
- "CD" appears even during play.

■ Removing the disc

Press [OPEN/CLOSE].

- Even if the power is off, it is automatically turned on, and the tray slides out.
- The disc cannot be removed in the following situations:
 - During recording
 - During programmed recording or during standby for programmed recording

Playing from the stopped position (Resume function)

RAM

DVD-V

VCD

CD

Press [PLAY] while "►" is flashing.

- Play resumes from the stopped position.
- The function is released when [STOP] or [OPEN/CLOSE] is pressed.
- The function does not work with discs whose elapsed time does not appear in the display window even when those discs are played.

■ Chapter Preview

DVD-V

- When [PLAY] is pressed while the "Press PLAY to Preview Chapters." message is shown, Chapter Preview will be performed. This function plays the intro sections of each chapter in succession up to the position where disc play was stopped. Normal play starts from this position.
- Chapter Preview cannot be performed with some discs.

Listening through headphones

- 1 Connect the headphones (optional accessory).
- 2 Turn [PHONES] to adjust the headphone volume.

Notes:

- Prior to operation, turn down the volume level, and adjust it after operation has commenced.
- Avoid listening to sound through headphones for extended periods of time at a level of volume that is uncomfortably high for your ears.

Playing discs (continued)

When the menu screen has appeared

DVD-V

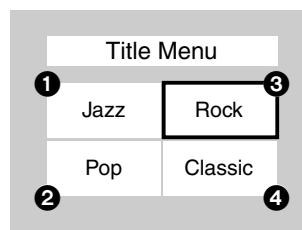
The menu screen may appear when play is started or when one title has finished playing.

Preparation

- Press [DVD].

1 Select the menu items using [◀], [▶], [▲] and [▼].

- Example of selecting "3"



- Selection can sometimes be made using the numeric buttons on the remote control. In this case, step 2 below need not be performed.

2 Press [SELECT].

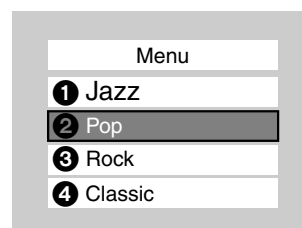
- The selected item is entered, and play starts.



VCD

With video CDs with playback control, the menu screen may appear when play is started. In this case, proceed with the selection as shown below.

Press the numeric buttons to select the menu item.



- The selected item is entered, and play starts.

Note:

- [◀], [▶], [▲] and [▼] or [SELECT] cannot be used with Video CDs. Use the numeric buttons to make the selections.

Examples:

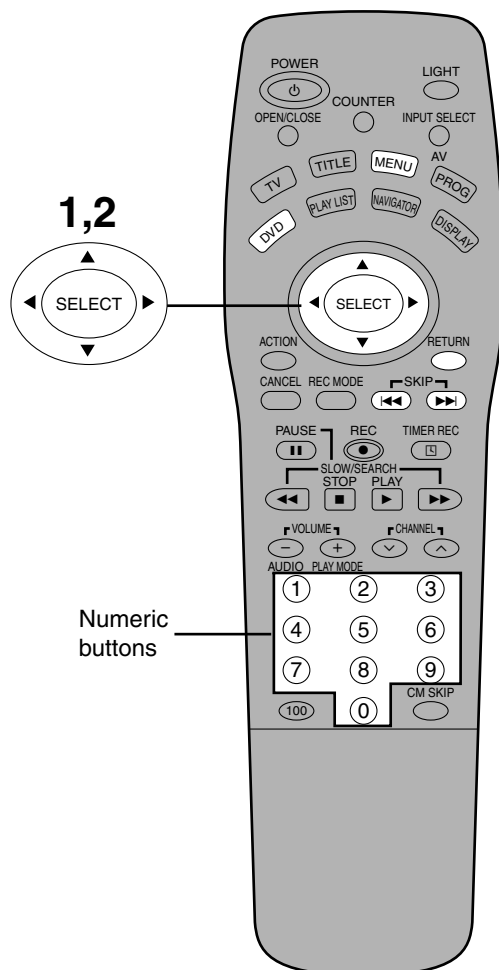
To select 5, press 0 followed by 5.

To select 10, press 1 followed by 0.

To select 25, press 2 followed by 5.

Other menu operation buttons

Differ from one disc to another so read the instructions that accompany them.



Play without using the menu

VCD

The menu function can be temporarily released, and continuous play can be performed from the beginning.

Preparation

- Press [DVD].

1 Press [STOP] while the menu is displayed.

- “PBC” (playback control) is cleared from the unit display window.

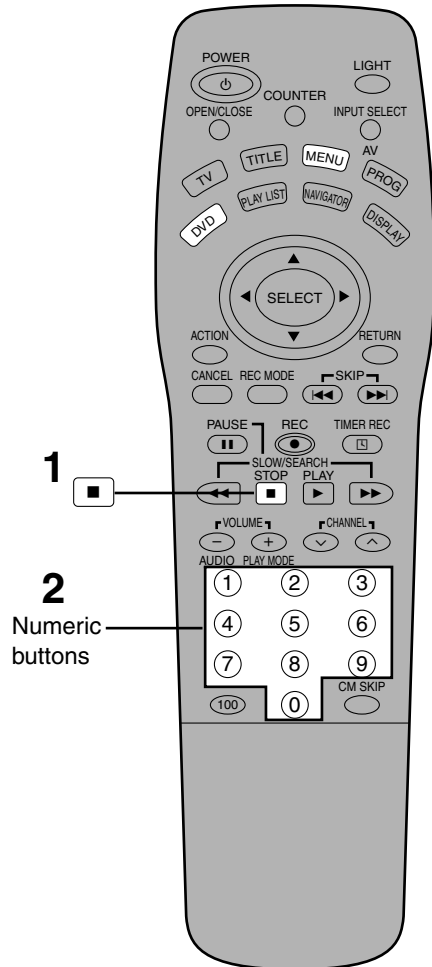
2 Press the numeric buttons to select the designated track number.

- Play starts from the selected track.
- Refer to the disc jacket for the track numbers.
- When playback is to be performed from the beginning, press “0” then “1.”

■ To restore the menu screen

1. Press [STOP] to stop play.
2. Press [MENU].

- “PBC” (playback control) lights up on the unit display window.



Using the menu

Operating the DVD menu

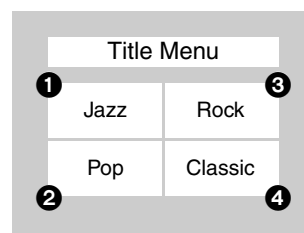
DVD-V

Many DVD discs come with a menu screen for selecting movie-making scenes and other shots in addition to the main title. Since displaying the menu screen and making the menu selections differ from one disc to another, the general procedure is described here.

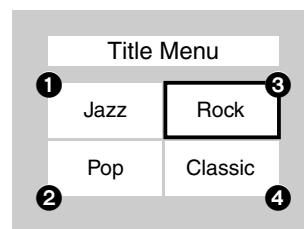
Preparation

- Press [DVD].

- 1 Press [MENU] during stop or play to display the menu.



- 2 Select the desired menu item using [◀], [▶], [▲] and [▼].



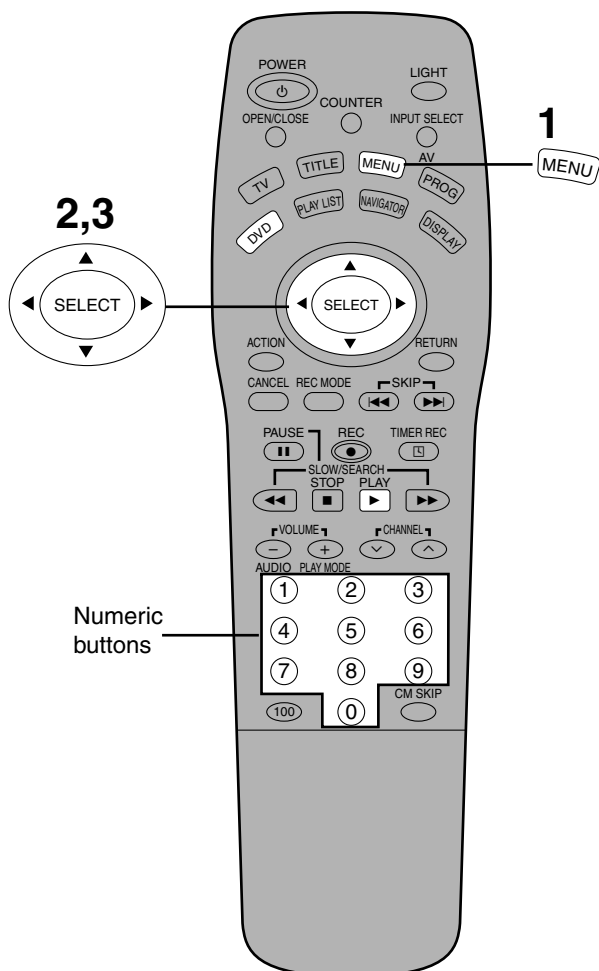
- 3 Press [SELECT] or [PLAY].



- The selected item is entered, and play begins.

Note:

- Menu items can also be selected using the numeric buttons.
- With DVD discs that do not have more than one menu, the same result may be produced regardless of whether [◀], [▶], [▲] or [▼] is pressed.



Selecting a title

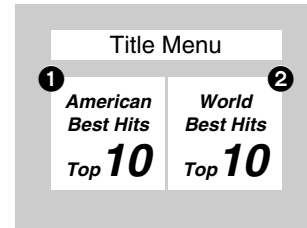
DVD-V

With DVD discs that have several movies or more than one title, titles can be selected from the top menu for playback.

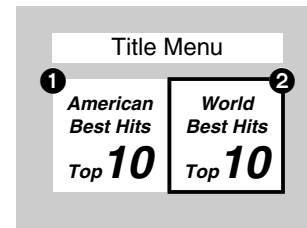
Preparation

- Press [DVD].

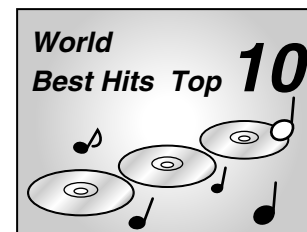
- 1 Press [TITLE] in the stop or playback mode to display the titles.



- 2 Select the titles using [◀], [▶], [▲] and [▼].



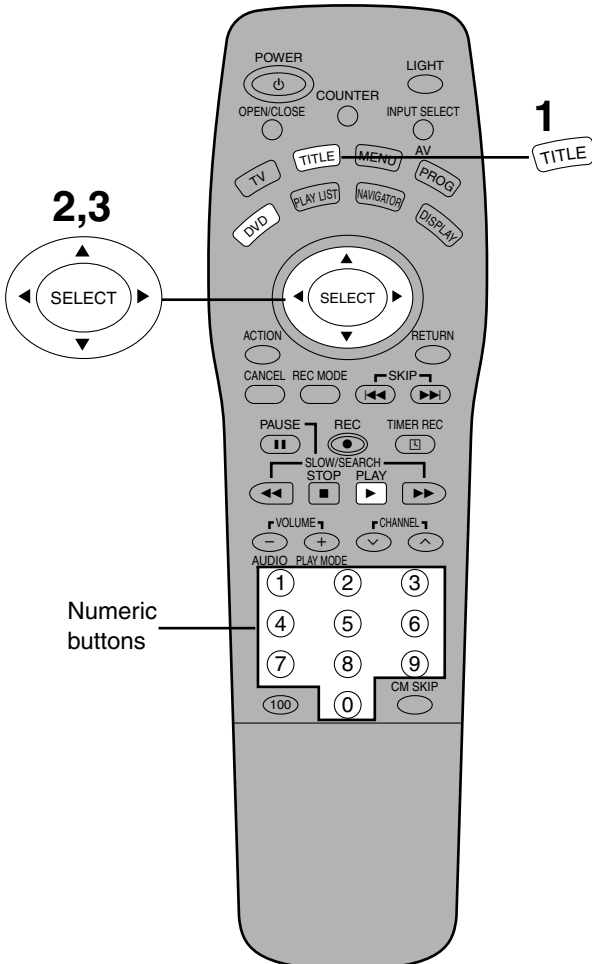
- 3 Press [SELECT] or [PLAY].

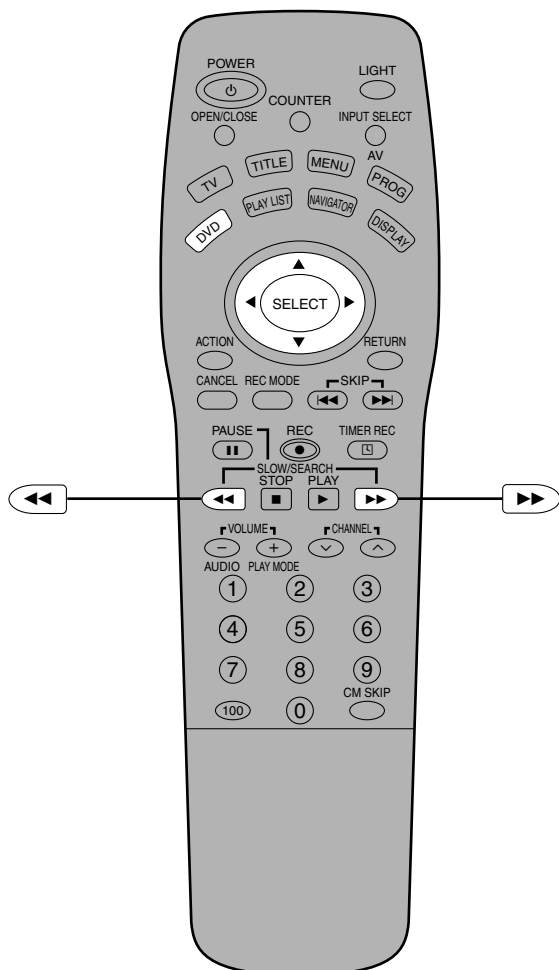


- The selected item is entered, and play begins.

Notes:

- Titles can also be selected using the numeric buttons. How the titles are selected differs from one disc to another so refer to the instructions provided with the DVD. (What is described above is the general procedure.)
- With DVD discs that do not have more than one title, the same result may be produced regardless of whether [◀], [▶], [▲] or [▼] is pressed.





Playback modes

Play pause (still picture), frame advance (reverse), slow playback, fast forward and reverse search playback

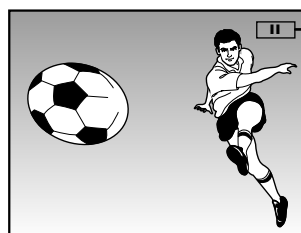
Preparation

- Press [DVD].

Play Pause (Still Picture)

RAM DVD-V VCD CD

During playback: Press [PAUSE].



Display indicating still picture/pause

- Operation is automatically stopped and the TV screen is restored when the unit has been left standing in the still picture (pause) mode continuously for more than 5 minutes. (DVD-RAM)

Frame advance (reverse)

RAM DVD-V VCD

During play pause (still picture): Press [◀] or [▶].

[▶]: For advancing through the frames.

[◀]: For reversing through the frames (DVD-RAM, DVD-Video discs only).

- Each time one of these buttons is pressed, playback is advanced (reversed) one frame.
- When the button is held down, playback is continuously advanced (reversed).

Note:

- Frame still or field still can be selected by selecting "2 Video Settings" among the initial setting items and then selecting "7 Still Mode". (p. 121)

Slow playback

RAM DVD-V VCD

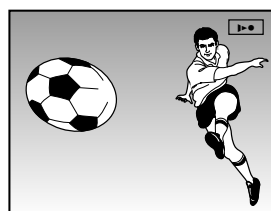
During still picture: Press [◀◀] or [▶▶].

[▶▶]: forward

[◀◀]: reverse

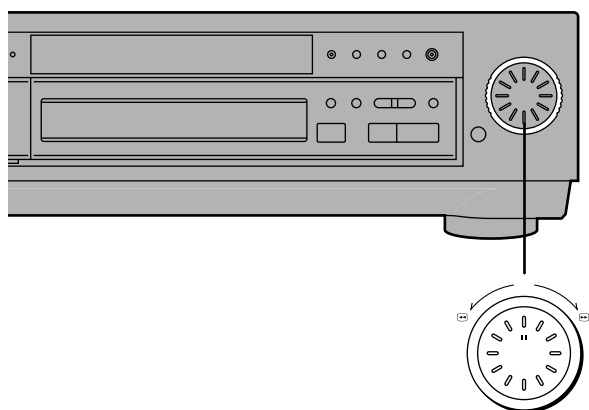
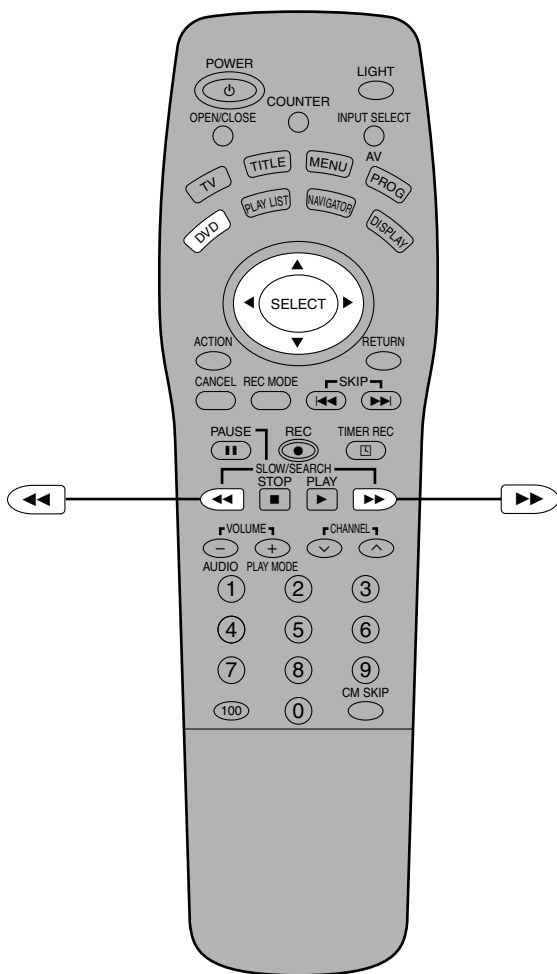
(DVD-RAM, DVD-Video discs only).

- The speed is increased (2-step setting) when either button is pressed again.



Display indicating slow reverse/slow playback

- ▶▶: Slow playback (at low speed)
- ▶▶: Slow playback (at high speed)
- ◀◀: Reverse direction slow playback (at low speed)
- ◀◀●: Reverse direction slow playback (at high speed)



Fast forward and reverse search

RAM DVD-V VCD CD

During playback:

[Remote Control]: Press [◀◀] or [▶▶].

[▶▶]: To fast forward playback

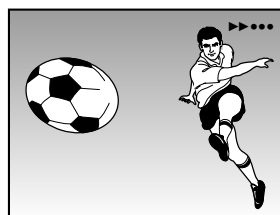
[◀◀]: To reverse search playback

- Each time [◀◀] or [▶▶] is pressed, search speed is increased.

[Unit]: Turn the Shuttle Ring and release.

Turn counterclockwise for reverse search; turn clockwise to fast forward search.

- Each time the ring is turned the search speed is increased (4 times).



- Display indicating forward/reverse search playback
- ▶▶●●●: Forward search 1 (lowest speed)
 - ▶▶●●: Forward search 2
 - ▶▶●: Forward search 3
 - ▶▶: Forward search 4 (highest speed)
 - ◀◀: Reverse search 1 (lowest speed)
 - ◀◀●: Reverse search 2
 - ◀◀●●: Reverse search 3
 - ◀◀●●●: Reverse search 4 (highest speed)

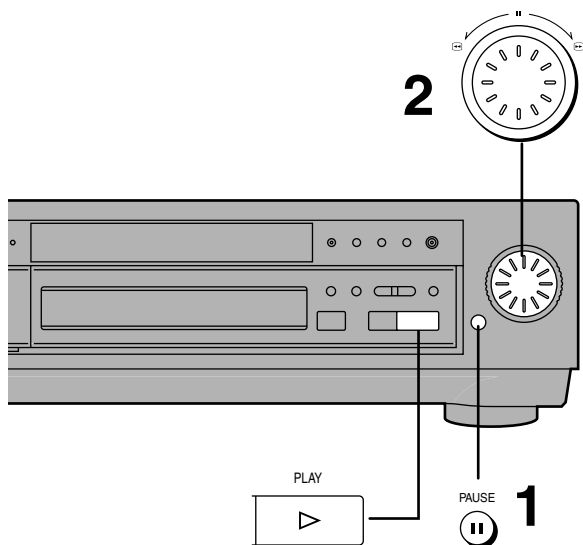
- At the forward (reverse) search 4 setting, the maximum speed is 100X for DVD-RAM discs and DVD-Video discs, 40X for Video CDs and 50X for CDs.

Note:

- The sound can be made audible at the forward search 1 setting. (Refer to "Audio during Search 1", page 125)

■ Restoring normal playback from still picture (pause), frame advance (reverse), slow playback or forward/reverse search

Press [PLAY].



Playback modes (continued)

Using the jog dial and shuttle ring

Use of the jog dial and shuttle ring enables play to be advanced frame by frame in the forward (or reverse) direction and the playback speed to be varied.

Preparation

- Press [DVD].

Advancing play frame by frame in the forward (or reverse) direction by turning the jog dial

RAM **DVD-V** **VCD**

1 [Unit]: Press [PAUSE] during play.

- The still-picture mode is established.

2 Turn the jog dial slowly.

Turn it counterclockwise to advance play in the reverse direction; turn it clockwise to advance it in the forward direction.

- When the dial is turned slowly play advances frame by frame. A “frame” refers to a single image of a moving picture. In this unit, a moving picture is seen by viewing about 30 frames a second succession.
- When the dial is turned quickly clockwise, frame-by-frame play in the forward direction enables slow-motion playback, and when it is turned even more quickly, regular playback is established.
- When the dial is turned quickly counterclockwise, frame-by-frame play in the reverse direction enables slow-motion reverse playback, and when it is turned even more quickly, reverse playback is established. (DVD-RAM and DVD-Video discs only)

■ To return to regular playback

Press [PLAY] or [PAUSE].

Changing the playback speed by turning the shuttle ring

RAM

DVD-V

VCD

CD

1 [Unit]: Press [PAUSE] during play.

2 Turn the shuttle ring.

Turn it counterclockwise to advance play in the reverse direction; turn it clockwise to advance it in the forward direction.

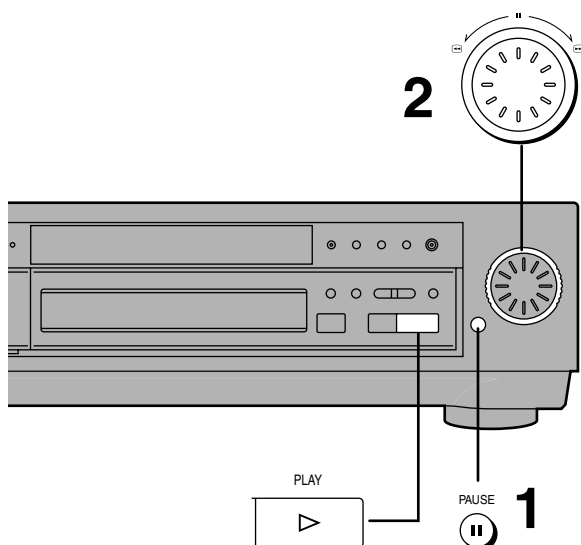
- The playback speed varies depending on the disc used and the angle to which the ring is turned.
- The speed of slow-motion playback changes in two steps. (This is not possible for CDs.)
- The speed of reverse slow-motion playback changes in two steps. (This is not possible for video CDs or CDs.)
- Reverse playback cannot be performed for video CDs and CDs.
- The speed of forward/reverse search playback changes in four steps.
- The maximum speed during forward or reverse search is 100X for DVD-RAM discs and DVD-Video discs, 40X for video CDs and 50X for CDs.
- The sound can be made audible at the forward search 1 setting. (Refer to "Audio during Search 1", page 125.)

Note:

- If the inner jog dial is turned by mistake while the shuttle ring is turned, the playback speed may not be changed properly.

■ To return to regular playback

Press [PLAY] or [PAUSE].



Playback modes (continued)

Skipping chapters, tracks and programs

Skipping chapter and tracks

DVD-V

VCD

CD

Follow the steps below to skip to the start of a chapter on a DVD-Video disc or a track on a Video CD or CD, and then begin playback.

Preparation

- Press [DVD].

During playback or stop (pause):

Press [**◀◀**] or [**▶▶**].

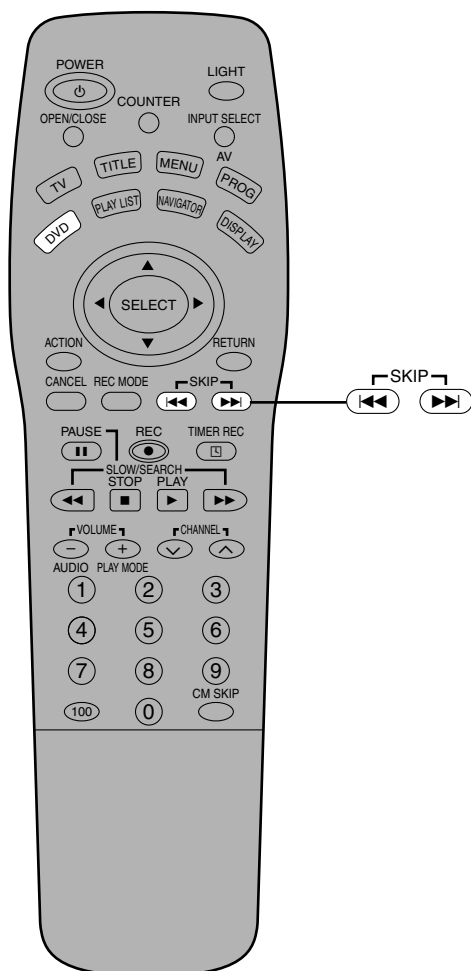
[**▶▶**] : forward

[**◀◀**] : reverse

- How many chapters or tracks are skipped corresponds to the number of times the button is pressed.

- When [**◀◀**] is pressed once, play will return to the start of the chapter or title playing.

However, if play is positioned at the start of a chapter or track, it will skip to the start of the previous chapter or track.



Locating recorded programs

RAM

When this unit is used to record, the material is automatically recorded as a program.

When markers (p. 45) are placed, specific locations on the disc can be accessed.

Follow the steps below to skip to the start of a program or marker position, and then begin playback.

During playback or stop (pause):

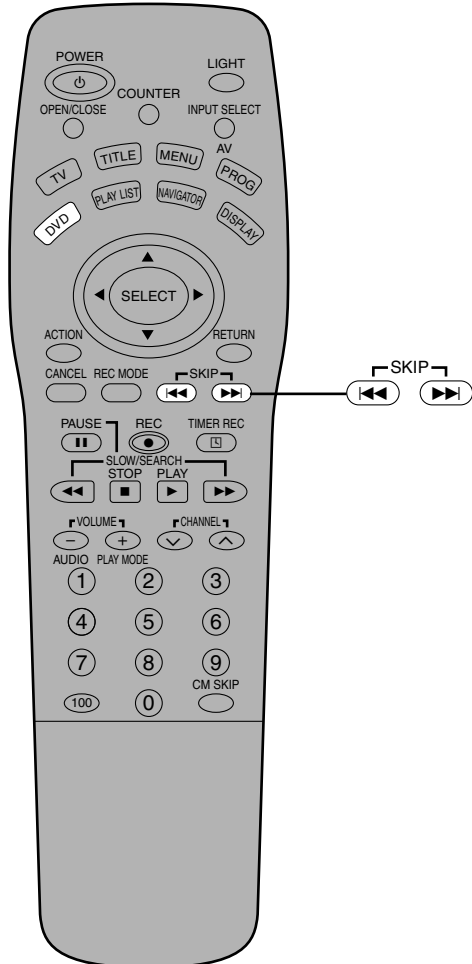
Press [**◀◀**] or [**▶▶**].

[**▶▶**]: forward.

[**◀◀**]: reverse.

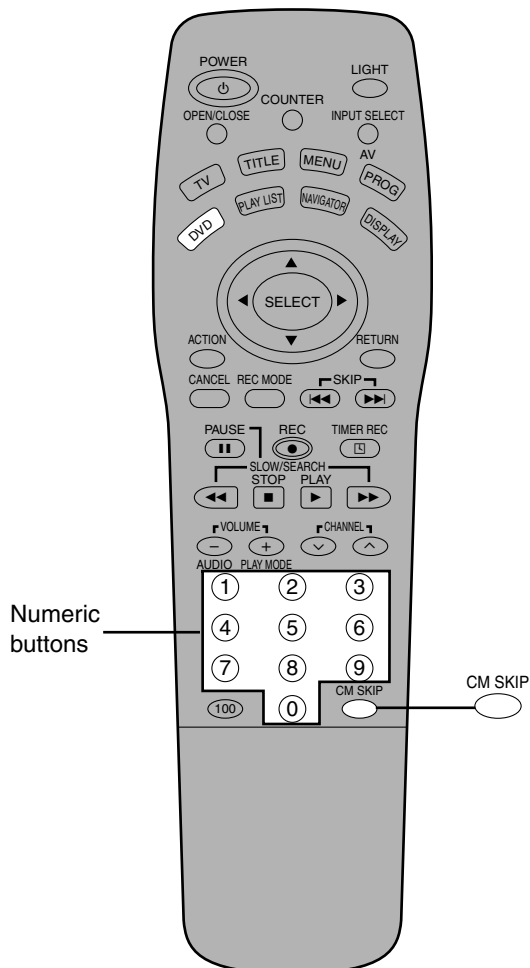
- Play is continued if the button is pressed during play. Pause remains in effect if the button is pressed while paused.
- When [**◀◀**] is pressed once, play will start automatically from the start of the program now playing or from the marker position immediately before. However, if play is positioned at the start of a program (or marker position), it will skip to the start of the previous program (or marker position).

Playback



Example where [**▶▶**] was pressed twice





Playback modes (continued)

One-minute skip

RAM

Press [CM SKIP] to skip commercials or other short sections.

Preparation

- Press [DVD].

During playback: Press [CM SKIP].

- Play skips about 1 minute ahead of the current play position, and then resumes playback.

Playing back selected chapters or tracks by designating numbers (direct search)

DVD-V

VCD

CD

Preparation

- Press [DVD].


During play or stop (while  is shown on the TV screen):

Press the numeric buttons.

Examples:

- To play chapter or track #5: press 0 followed by 5.
- To play chapter or track #10: press 1 followed by 0.
- To play chapter or track #25: press 2 followed by 5.

Notes:

- Play will start from the chapter or track selected.
- It may not be possible to perform these steps with some discs.
- To play without using the menu of a video CD with playback control, press the numeric buttons during stop (while  is shown on the TV screen).