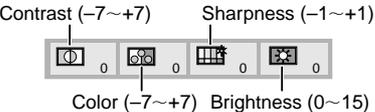


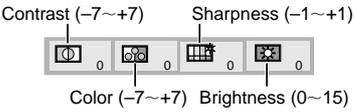
Operations using the menu bar (overview) (continued)

Unit information screen

RAM

Display (operation item)	What is selected or executed	Operation method
	A-B repeat playback Start point (A) and end point (B) (Not displayed during play list playback)	 Press [SELECT] at the start point and end point. To end A-B repeat, press [SELECT] again.
	Repeat playback mode PRG (program) → A (entire disc) → OFF (During play list playback: PL (play list) → OFF)	 Use [▲] and [▼] to make the selection.
	DVD Dialogue Enhancer (Available only if the sound has been recorded on the center channel using 3/2.1 channel Dolby Digital.) ON (boosting the volume level of the dialogue only) → OFF (regular volume level)	 Use [▲] and [▼] to make the selection.
	Markers ●Placing markers (Up to 999) (Not displayed during play list playback) <div style="text-align: center; margin-top: 10px;">  <p>Marker number (for the 10's and 100', for the single digits: 1-9) 11-20...981-990, 991-999</p> </div>	 After pressing [SELECT], press it again at the location where the marker is to be placed.
	●Calling/clearing markers (Not displayed during play list playback)	  After selecting the number of markers increments of 10 using [▲] and [▼], select the bottom digit number using [◀] and [▶], and press [▲] (to call) or [CANCEL] (to clear).
	Picture quality mode N (normal) → U → C → F → S U (user): The screen below appears, and the various adjustments can be performed. C (cinema): The picture appears in the cinema screen format. Details in dark scenes are enhanced. F (fine): The outlines are emphasized to yield a sharp-looking picture. S (soft): A soft-looking picture with minimal noise is yielded. <div style="text-align: center; margin-top: 10px;">  <p>Contrast (-7~+7) Sharpness (-1~+1) Color (-7~+7) Brightness (0~15)</p> </div>	 Use [▲] and [▼] to make the selection (when [▼] is pressed, the mode is successively switched from N → S → F → C → U). In the U (user) mode, press [SELECT], and select the adjustment item using [◀] and [▶] and select the level using [▲] and [▼]. Upon completion of the adjustments, press [SELECT] again.
	V.S.S. mode (When playing DVD recorded in Dolby Digital with more than 2 channels)  (speaker) →  (headphones V.S.S.) Select the V.S.S. level in each mode. OFF → 1 (standard) → 2 (high)	 First, select the mode (speakers or headphones) using [▲] and [▼]. Then press [▶], and select the level using [▲] and [▼].
	Master volume 0 dB (max) to -60 dB (min), -∞ (muted) The volume level can be set separately for DVD-RAM, DVD-Video, Video CD and CD discs.	 Use [▲] and [▼] to make the selection.

- When the Dialogue Enhancer is activated, the center channel sound is boosted, and the dialogue delivered through any of the other channels remains unaffected.
- The picture quality mode may not have any effect when the TV set is connected to the component video output connector and the following initial settings are selected: "2 Video Settings" → "3 Component Video Output Setting" → "1 Automatic" or "2 480P"

Display (operation item)	What is selected or executed	Operation method
	A-B repeat playback (DVD-Video only) Start point (A) and end point (B)	 Press [SELECT] at the start point and end point. To end A-B repeat, press [SELECT] again.
	Repeat playback mode DVD-Video: C (chapter) → T (title) → OFF Video CD: T (track) → A (entire disc) → OFF CD: T (track) → A (entire disc) → OFF	 Use [▲] and [▼] to make the selection.
	DVD Dialogue Enhancer (Only for DVD-Video discs on which the sound was recorded on the center channel using 3/2.1 channel Dolby Digital.) ON (boosting the volume level of the dialogue only) → OFF (regular volume level)	 Use [▲] and [▼] to make the selection.
	Playback mode (Video CD, CD only) --- (normal) → PRG (program) → RND (random)	No changes can be made here.
	Markers (DVD-Video only) ●Placing markers (Up to 5)  Marker number	 After pressing [SELECT], press it at the location where the marker is to be placed.
	●Calling/clearing markers	  After selecting the number using [◀] and [▶], press [▲] (to call) or [CANCEL] (to clear).
	Picture quality mode (DVD-Video, Video CD only) N (normal) → U → C → F → S U (user): The screen below appears, and the various adjustments can be performed. C (cinema): The picture appears in the cinema screen format. Details in dark scenes are enhanced. F (fine): The outlines are emphasized to yield a sharp-looking picture. S (soft): A soft-looking picture with minimal noise is yielded. 	 Use [▲] and [▼] to make the selection (when [▼] is pressed, the mode is successively switched from N → S → F → C → U). In the U (user) mode, press [SELECT], and select the adjustment item using [◀] and [▶] and select the level using [▲] and [▼]. Upon completion of the adjustments, press [SELECT] again.
	V.S.S. mode (When playing DVD recorded in Dolby Digital with more than 2 channels)  (speaker) →  (headphones V.S.S.) Select the V.S.S. level in each mode. OFF → 1 (standard) → 2 (high)	 First, select the mode (speakers or headphones) using [▲] and [▼]. Then press [▶], and select the level using [▲] and [▼].
	Master volume 0 dB (max) to -60 dB (min), -∞ (muted) The volume level can each be set for DVD-RAM, DVD-Video, Video CD and CD discs.	 Use [▲] and [▼] to make the selection.

- When the Dialogue Enhancer is activated, the center channel sound is boosted and the dialogue delivered through any of the other channels remains unaffected.
- The picture quality mode may not have any effect when the TV set is connected to the component video output connector and the following initial settings are selected: "2 Video Settings" → "3 Component Video Output Setting" → "1 Automatic" or "2 480P."

Operations using the menu bar (overview) (continued)

Shuttle screen

RAM DVD-V

Display (operation item)	Operation method
<p>Reverse slow playback Press [◀].</p> <p>Still (pause) Press [▲].</p> <p>Slow playback Press [▶].</p> <p>Reverse search playback Press [◀].</p> <p>Playback Press [▼].</p> <p>Forward search playback Press [▶].</p>	<p>Select the operation items using [◀], [▶], [▲] and [▼].</p>
	<p>Slow playback</p> <p>Use [◀] and [▶] to select the speed. (2 steps)</p>
	<p>Reverse slow playback</p> <p>Use [◀] and [▶] to select the speed. (2 steps)</p>
	<p>Reverse search/forward search playback</p> <p>Use [◀] and [▶] to select the speed. (4 steps: max. 100X normal speed)</p>

VCD

Display (operation item)	Operation method
<p>Reverse search playback Press [◀].</p> <p>Still (pause) Press [▲].</p> <p>Playback Press [▼].</p> <p>Forward search playback Press [▶].</p> <p>Slow playback Press [▶].</p>	<p>Select the operation items using [◀], [▶], [▲] and [▼].</p>
	<p>Slow playback</p> <p>Use [◀] and [▶] to select the speed. (2 steps)</p>
	<p>Reverse slow playback</p> <p>Not possible</p>
	<p>Reverse search/forward search playback</p> <p>Use [◀] and [▶] to select the speed. (4 steps: max. 40X normal speed)</p>

CD

Display (operation item)	Operation method
<p>Reverse search playback Press [◀].</p> <p>Still (pause) Press [▲].</p> <p>Playback Press [▼].</p> <p>Forward search playback Press [▶].</p>	<p>Select the operation items using [◀], [▶], [▲] and [▼].</p>
	<p>Slow playback</p> <p>Not possible</p>
	<p>Reverse slow playback</p> <p>Not possible</p>
	<p>Reverse search/forward search playback</p> <p>Use [◀] and [▶] to select the speed. (4 steps: max. 50X normal speed)</p>

Operations using menu bar (details)

Storing favorite positions in the memory (markers)

RAM

Markers can be placed at any position, playback can be made to commence from the marker positions at a later time. Up to 999 markers can be placed.

Preparation

- Press [DVD].

- 1 During playback:**
Press [DISPLAY] twice to show the menu bar (unit information screen).
- 2 Select "Marker" using [◀] and [▶], and press [SELECT].**
- 3 Press [SELECT].**
 - The first "*" is selected. "*" indicates an unused marker.
- 4 Press [SELECT] at the position to place the marker.**
 - "*" changes to a number. The markers are stored in sequence starting from 1.
- 5 If other markers are to be stored in the memory, select "*" on the right using [▶].**
- 6 Press [SELECT] at the position to place the second marker.**
 - "*" changes to a number. The new marker is stored in 2.
- 7 If there are 11 or more markers to be stored, first select "1-10" using [◀], and then select "11-20" using [▲] and [▼].**
- 8 Press [▶], and then press [SELECT].**
- 9 Press [SELECT] at the position to place the marker.**
 - "*" changes to a number. The markers are stored in sequence starting from 11.
 - Using the same method, up to 999 markers can be placed.
 - The markers are grouped in increments of 10: "1-10," "11-20," "21-30" ... "981-990," "991-999."

Notes:

- Markers cannot be placed when the write protect tab on the cartridge has been set to the PROTECT position or when the protection setting for the entire disc has been established by the direct navigator (p. 79).
- This operation cannot be performed during play list playback.
- The subtitles may not be displayed depending on the positions where the markers have been placed.

The diagram shows a remote control with various buttons. Callout '1' points to the [DISPLAY] button. Callout '2~9' points to the [SELECT] button. Below the remote, a series of nine numbered steps (1-9) illustrate the menu bar sequence for storing markers. Step 1 shows the initial menu bar with 'Marker' selected. Step 2 shows 'Marker' selected. Step 3 shows '1~10' selected and the first '*' in the list highlighted. Step 4 shows '1~10' selected and the first '*' in the list highlighted. Step 5 shows '1~10' selected and the first '*' in the list highlighted. Step 6 shows '1~10' selected and the first '*' in the list highlighted. Step 7 shows '11~20' selected and the first '*' in the list highlighted. Step 8 shows '11~20' selected and the first '*' in the list highlighted. Step 9 shows '11~20' selected and the first '*' in the list highlighted.

Operations using menu bar (details) (continued)

Storing favorite positions in the memory (markers) (continued)

DVD-V

Markers can be placed at any position, playback can be made to commence from the marker positions at a later time. Up to 5 markers can be placed.

Preparation

- Press [DVD].

1 During playback:

Press [DISPLAY] twice to show the menu bar (unit information screen).



2 Select “*****” using [◀] and [▶].



3 Press [SELECT].



- The first “*” is selected.
- “*” indicates an unused marker.

4 Press [SELECT] at the position to place the marker.



- “*” changes to a number.

5 If another marker is to be stored in the memory, select “*” on the right using [▶].



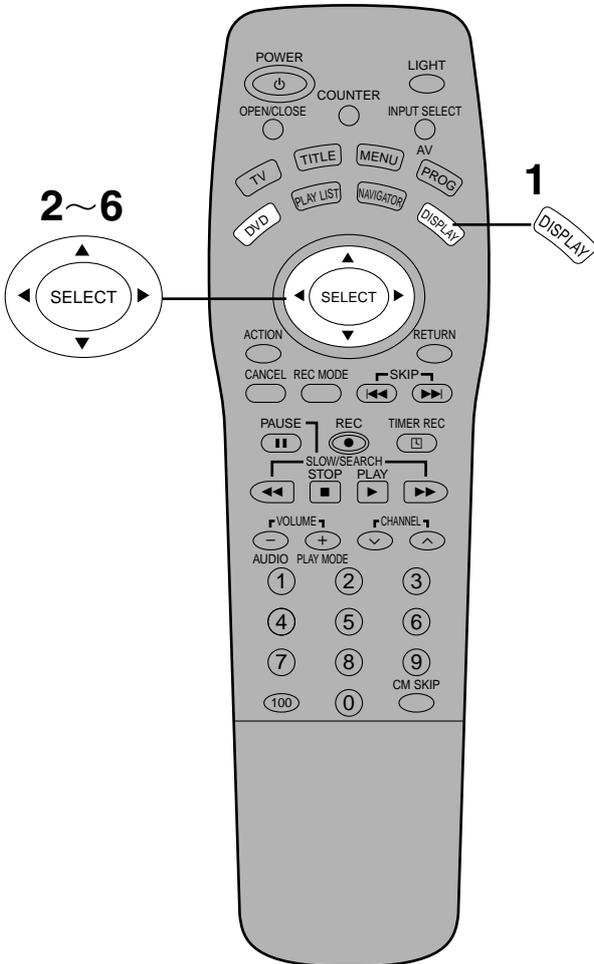
6 Press [SELECT] at the position to place the marker.



- “*” changes to a number. The new marker is stored in 2.
- Using the same method, up to 5 markers can be placed.

Note:

- All marker are cleared when disc is removed.



Playback from marker positions

RAM

Preparation

• Press [DVD].

1 During playback:

Press [DISPLAY] twice to show the menu bar (unit information screen).



2 Select "Marker" using [◀] and [▶], and press [SELECT].



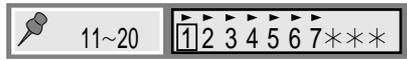
3 After pressing [◀], select the group of ten marker numbers to be called using [▲] and [▼].

Example where marker numbers 11-20 have been selected



• Each time [▲] is pressed, the marker group is increased by 10. (Conversely, each time [▼] is pressed, the marker group is decreased by 10.)
Example: 1-10, 11-20, 21-30, etc.

4 Press [▶], then press [SELECT].



5 Select the bottom digit using [◀] and [▶].

Example when 13 has been selected



6 Press [▲].

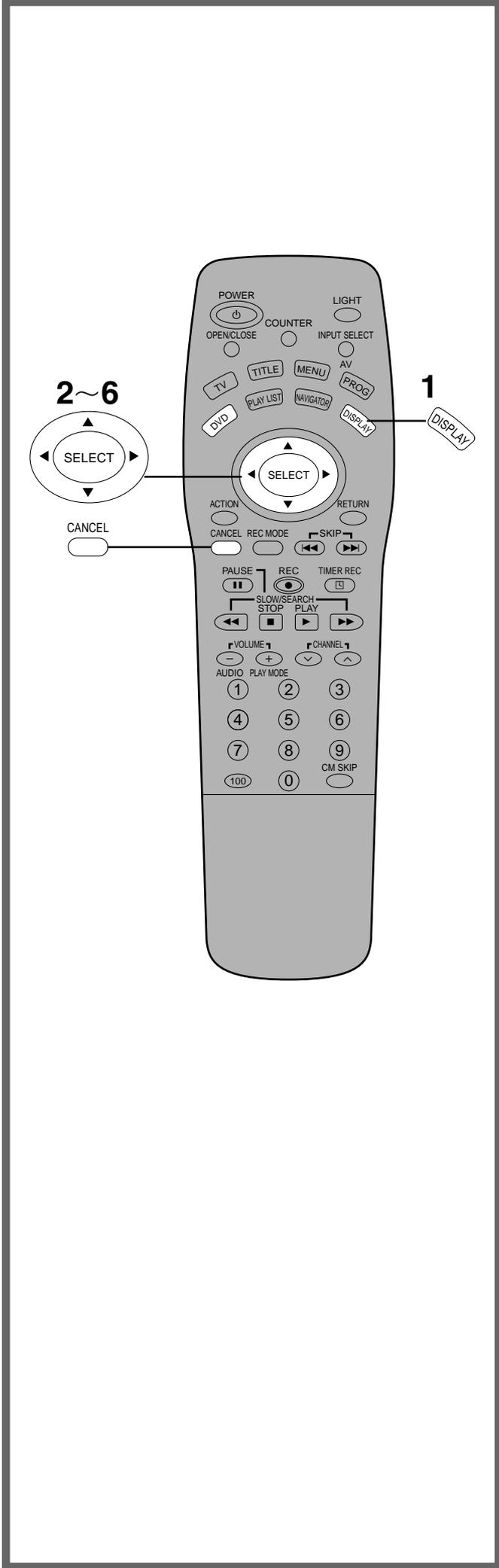
• Play skips to the position stored in marker number 13 and starts playback from that position.

Note:

• The marker positions are sorted (rearranged) in the programmed sequence and elapsed time sequence. If markers are subsequently added or cleared, the numbers stored in the memory and the numbers selected when called may not correspond.

■ Clearing markers

1. Perform steps 1 to 5 above.
 2. Select the number of the marker to be cleared, press [▲] to display the playback picture, and confirm that you have selected the correct marker to be cleared.
 3. Press [CANCEL].
- The marker is now cleared, and all the remaining markers are sorted (rearranged) in the programmed sequence and elapsed time sequence.

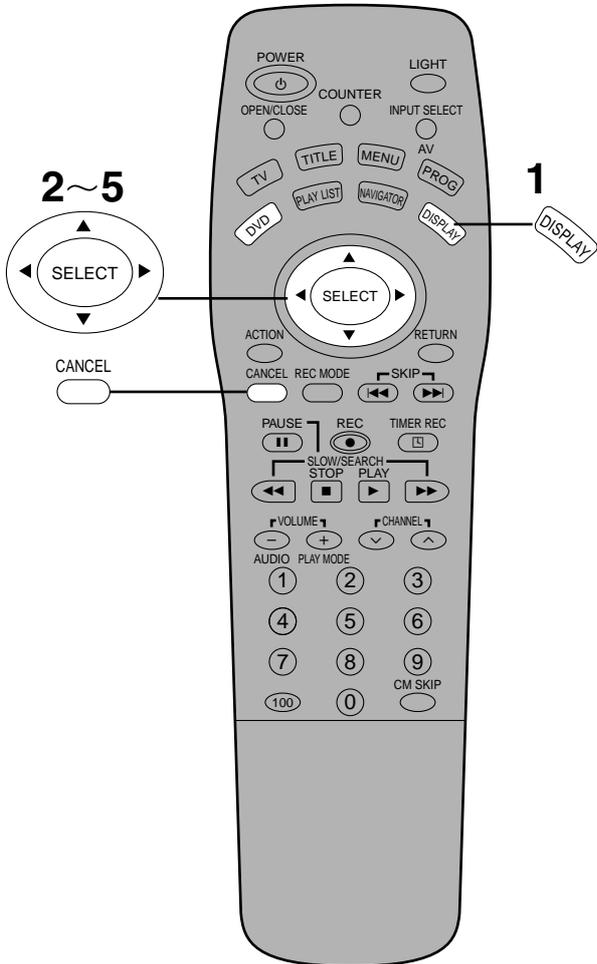


Playback

Operations using menu bar (details) (continued)

Playback from marker positions (continued)

DVD-V



1 During playback:

Press [DISPLAY] twice to show the menu bar display (unit information screen).



2 Select “123**” (example) using [◀] and [▶].



3 Press [SELECT].



4 Select the marker number to be called using [◀] and [▶].



Example when 2 has been selected

5 Press [▲].

- Play skips to the position stored in marker number 2 and starts playback from that position.

Hints:

- Markers cannot be placed with some DVD-Video discs.
- The subtitles may not be displayed depending on the positions where the markers have been placed.
- The markers will be erased if stop is pressed twice during play and a TV broadcast is received or the disc ejected.

■ Clearing markers

1. Perform steps 1 to 4 above.
 2. When the marker is selected, press [CANCEL].
- The number changes to “*”.

Repeat playback between two designated points (A-B repeat)

RAM DVD-V

Preparation

- Press [DVD].

1 During playback:

Press [DISPLAY] twice to show the menu bar (unit information screen).

Example using a DVD-Video disc



2 Select "A-B repeat" using the [◀] and [▶].



3 Press [SELECT] to designate the start position (A) for A-B repeat playback.



4 Press [SELECT] to designate the end position (B) for A-B repeat playback.



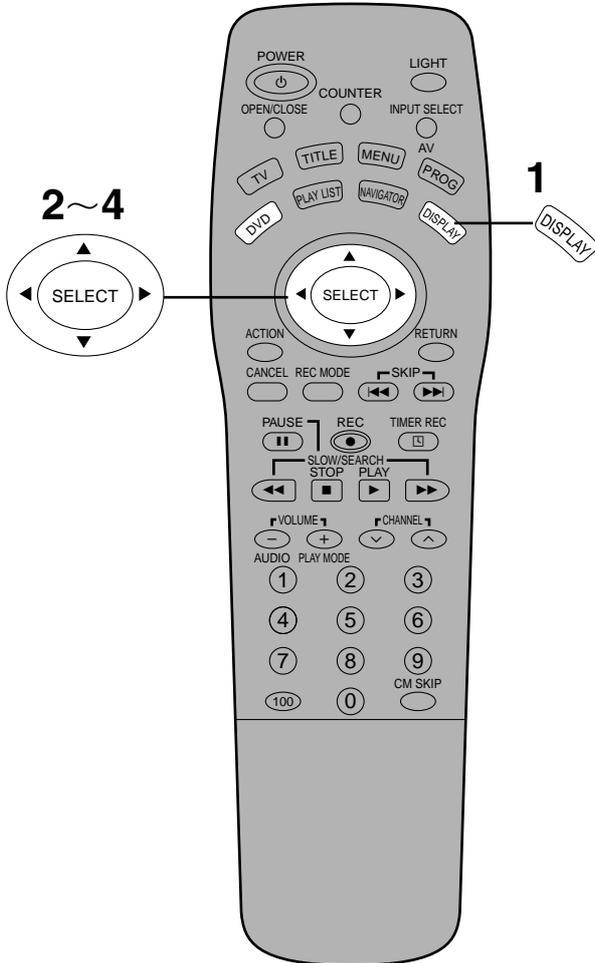
- Repeat playback between A-B now starts.

■ To stop A-B repeat playback

Select "A-B repeat," and press [SELECT].

Notes:

- This function does not work with some DVD-Video discs.
- A-B repeat playback is possible only within the same program (DVD-RAM discs) or within the same title (DVD-Video discs).
- If the program (title) has ended before the end position (B) is designated, the end point of the program (title) will serve as point B.
- In the case of a disc with subtitles, the subtitles before and after the A and B period may not be displayed.
- This operation cannot be performed during play list playback. (DVD-RAM)



Operations using menu bar (details) (continued)

Repeat playback of an entire disc, program, title, chapter or track

RAM DVD-V VCD CD

Preparation

- Press [DVD].

1 During playback:

Press [DISPLAY] twice to show the menu bar (unit information screen).

Example using a DVD-Video disc



2 Select "Repeat" using [◀] and [▶].



3 Select the repeat playback mode using [▲] and [▼].

Example where C (chapter) has been selected



• DVD-RAM discs

Each time the button is pressed, the mode is selected in the following sequence: PRG (program) ↔ A (all = entire disc) ↔ OFF.

• DVD-Video discs

Each time the button is pressed, the mode is selected in the following sequence: C (chapter) ↔ T (title) ↔ OFF.

• Video CDs, CDs

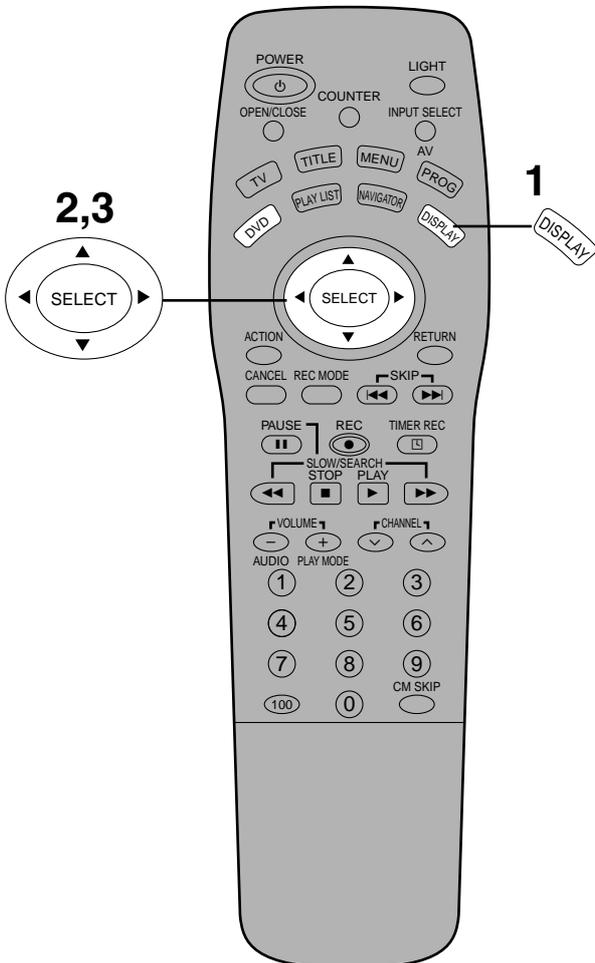
Each time the button is pressed, the mode is selected in the following sequence: T (track) ↔ A (all = entire disc) ↔ OFF.

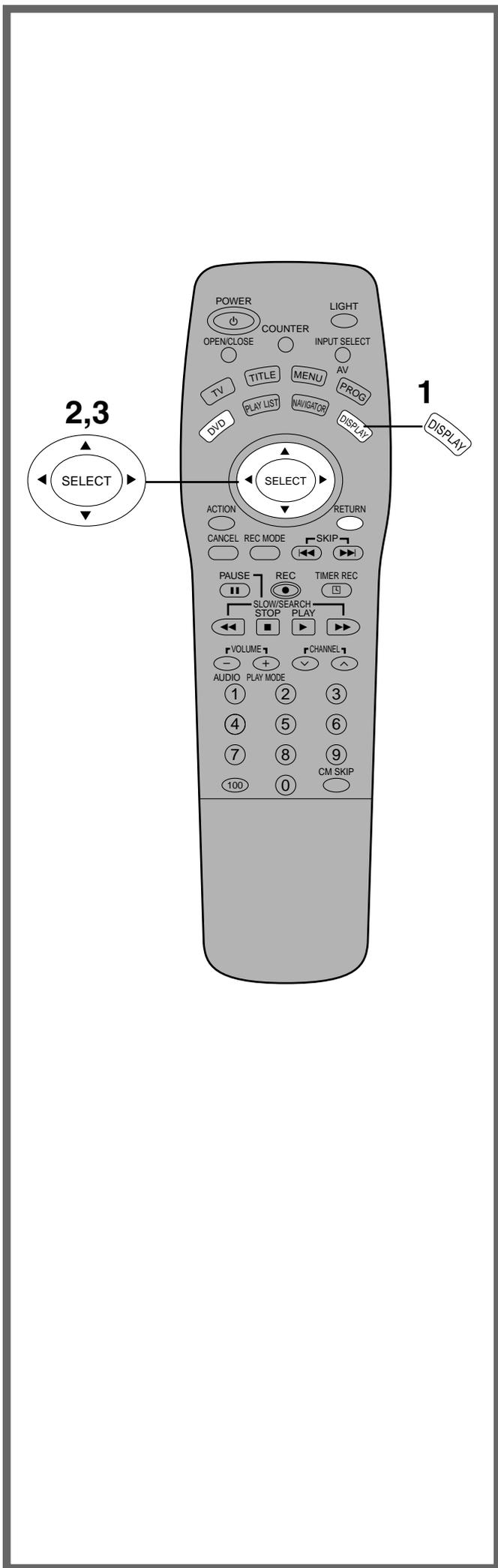
■ To stop repeat play

Select "Repeat," and select OFF using [▲] or [▼].

Notes:

- Repeat playback is not possible with some DVD-Video discs. Neither is it possible during menu playback of Video CDs with playback control.
- You cannot repeat playback of the entire disc with DVD discs having two or more titles.





Repeating programmed tracks

VCD CD

Preparation

- Press [DVD].
- Proceed with programmed playback. (p. 35)

1 During program playback:

Press [DISPLAY] twice to show the menu bar (unit information screen).

Example using a Video CD



2 Select "Repeat" using [◀] and [▶].



3 Select the repeat playback mode using [▲] and [▼].

Example where A (all = entire disc) has been selected



- Each time the button is pressed, the mode is selected in the following sequence: T (only the track being played is repeated) → A (all: all of the programmed tracks are repeated) → OFF.

■ To stop programmed repeat play

Select "Repeat", and select OFF using [▲] or [▼].

Changing the viewing angle

DVD-V

On DVD discs on which multiple angles have been recorded, scenes can be viewed from a different angle or perspective.

- The "📹" display appears on the unit display window when a multi-angle scene is being played.

Preparation

- Press [DVD].

1 During playback of a multi-angle scene:

Press [DISPLAY] once to show the menu bar (disc information screen).



2 Select "Angle" using [◀] and [▶].



3 Change to the desired viewing angle using [▲] and [▼].

Example where angle 2 has been selected



■ Clearing the menu bar

Press [RETURN].

Hints:

- The multi-angle function works only with scenes where multiple angles have been recorded.
- Some discs enable the angle to be preset before playing an angle scene. In this case, the scene will be played from the designated angle when it is reached. (Refer to the DVD Video disc's instructions.)

Playback