Discs

Playable discs

This DVD video player can play the following discs.

Playable disc		
DVD video discs	video CDs	Audio CDs
DVD VIDEO ®	COMPACT **disc** DIGITAL VIDEO	COMPACT **disc** DIGITAL AUDIO TEXT

Note:
• When you play a CD Extra disc, only the first session will be recognizesd.

About CD Extra discs

A CD Extra disc is a disc in which a total of two sessions have been recorded. The first session is Audio session and the sedond session Data sessioin.

Your personally-created CDs with more than 2 data sessions recorded cannot be played on this DVD video player.

About playing a CD-R/CD-RW disc

This player can play CD-R/CD-RW discs previously recorded in music CD format or video CD format.

Discs that cannot be played back

This DVD video player cannot play back DVD-R, DVD-RAM, Photo CDs, etc.

Notes:

• It may also not be possible to play back CDs recorded on a CD-R unit and CD-RW unit.

(**Cause**: disc characteristics, cracks, dust/dirt, dust/dirt on playerís lens, etc.)

• If a CD-R or CD-RW disc that has not been finalized is played, it will take a long time to start playing. Also, it may not be possible to play depending on its recording conditions.

Note on region numbers

The DVD video system assigns a region number to DVD video players and DVD discs by sales area. DVD video players sold in the United States can play back DVD discs with the region number "ALL", "1" or any combination of numbers that also incorporate a "1".

The DVD video region number is marked on the disc jacket as shown below.

ALL	**1**	**1 4 6**
NTSC	**NTSC**	**NTSC**

TV color system

This DVD player plays NTSC discs and PAL discs only and cannot be used for playback of SECAM discs.

About MP3 playback

This unit can play back CD-R/CD-RW discs on which MP3 music data have been recorded.

For a detailed information, see the page entitled "**Listening to an MP3**"

Auto disc change

This unit auto disc changes only audio CDs.

For example:

If an audio CD is loaded in the DISC 1 slot, a DVD disc in the DISC 2 slot and an audio CD in the DISC 3 slot, disc change is performed shown below.
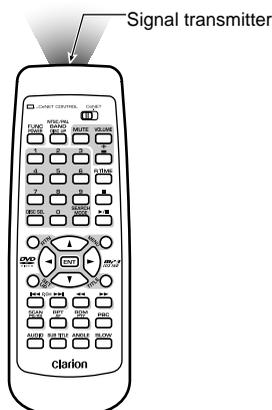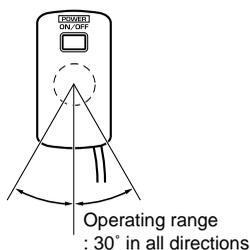
```
   ┌──→ DISC 1 ──┐
   │    DISC 2    │
   └──  DISC 3 ←──┘
```

About the registered marks etc.

English

Remote control

Operating range
: 30˚ in all directions

Signal transmitter

Replacing the batteries

1. Open the rear battery cover.

Rear cover
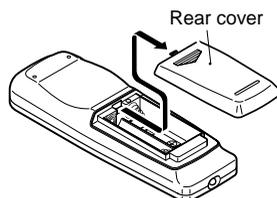
2. Insert the two supplied size AA batteries orienting the plus and minus poles of the batteries as shown by the $\oplus$ and $\ominus$ symbols inside the battery compartment. Close the battery cover.
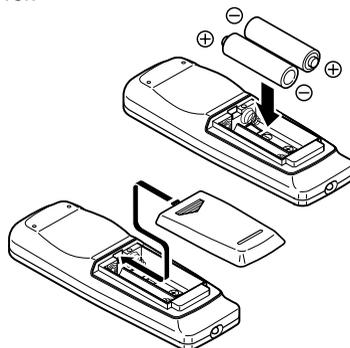
Notes:
Using batteries improperly can cause them to explode. Take note of the following points:
• *When replacing batteries, replace both batteries with new ones.*
• *Do not short-circuit, disassemble or heat batteries.*
• *Do not dispose of batteries into fire or flames.*
• *Dispose of spent batteries properly.*

7. PREPARATION (Setting a Disc)

Setting a disc into the magazine

Inserting the disc

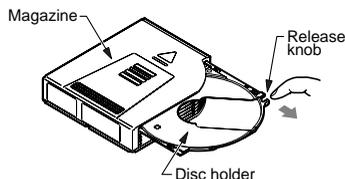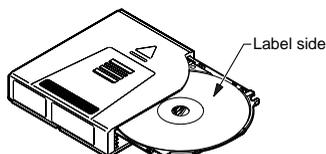1. Put your finger on the disc holder release knob and draw out the disc holder.

Magazine
Release knob
Disc holder

2. Insert a disc into the concave portion of the disc holder with its label side (printed side with a title, etc.) facing up.

Label side

3. Press in on the disc holder until it locks securely into the magazine. After loading a disc, make sure that it is correctly loaded.

⚠ CAUTION

Look through the magazine opening and check whether or not the disc is tilted.

If the disc holder does not slide in fully, or slides with difficulty, it is possible that the disc is not correctly loaded. Reload in such cases.

⚠ CAUTION

Pulling strongly on the disc holder may cause it to come out of the magazine. In such cases, press in on the disc holder tabs and re-insert into the magazine. Be sure that the disc holder is correctly inserted.

Magazine
Disc Holder

Lever
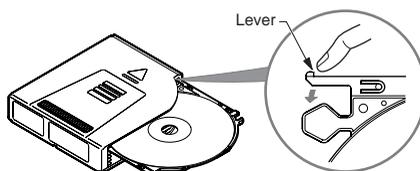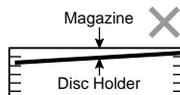
Extracting the disc

Take out the disc after pulling out the disc holder.

Release knob
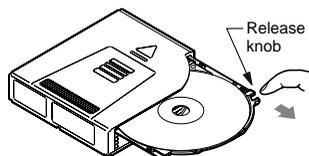
Note:
• When taking out the disc do not let your fingers touch the signal side of the disc.

■ Setting the Magazine into the Unit

Inserting the Magazine

1. Slide the open slide lever to right (to open the front door).

2. When using the unit in a vertical position, open the front door completely by hand.

Setting a disc into the magazine

3. Insert the magazine (facing up as shown below) into the unit with the disc load/unload side on the right. Press the magazine into the unit until it locks securely.

(After the presence of the disc is checked, playback of the disc starts.)

Magazine face

1.

2.

Flip down door
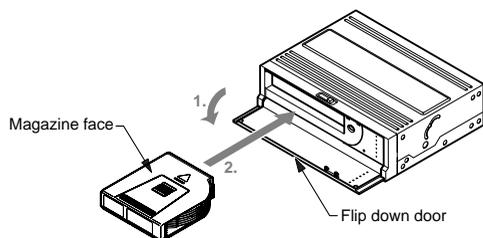
4. Close the front door.

Extracting the Magazine

1. Press the [**EJECT**] button and take out the magazine.

2. Close the front door.

[**EJECT**] button

Flip down door
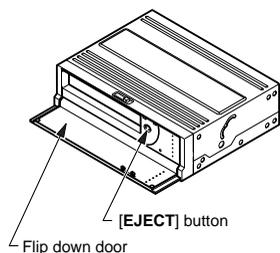
⚠ CAUTION

Dust and other objects may cause malfunctions if they get into the unit.

Always be sure to shut the front door once finished with loading or unloading the magazine.

8. OPERATION

Basic Operations

■ Using the unit separately

Confirm that the CeNET/STANDALONE select switch on the backside of the unit is set to the STANDALONE side.

Confirm that the CeNET/STANDALONE select switch on the remote control unit is set to the STANDALONE side.

Turning on the power

Note:
• *To prevent the car battery from running out, perform operations on the unit with the car engine running.*

Press the [**POWER**] buttons on the remote control receiver.

When the message "**NO MAGAZINE**" is displayed in the screen, load a magazine into the main unit.

After disc checking operation, playback of the disc starts.

When the message "**NO DISC**" is displayed in the screen, remove the magazine and load a disc into the magazine.

This may take time as the unit performs detailed disc checking to light on the disc indicator.

● To turn off the power

Press the [**POWER**] button.

The unit is turned off and the indicator on the receiver for remote control unit goes off.

Selecting a disc

Press the [**DISC SEL**] button on the remote control unit.

Press the numeric button for the disc number (1 to 6) that you want to select.

```
DISC NO.3
1  VIDEO-CD
2  AUDIO-CD
3  DVD-VIDEO
4  CD/MP3
5  VIDEO-CD
6  NO-DISC
```
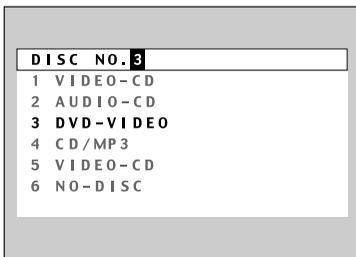
When a disc is switched to some other disc, the newly-selected disc plays automatically.

If you want to return to the original mode, press the [**DISC SEL**] button again.

Adjusting the volume

⚠WARNING

DVD-Videos may be played back with particularly loud sound. Increase the volume gradually from the minimum after the video images are displayed.

Press the [**VOLUME**] button on the remote control unit.

[**+**] : Increases the volume.

[**−**] : Decreases the volume.

```
IIIIIII........   8
```
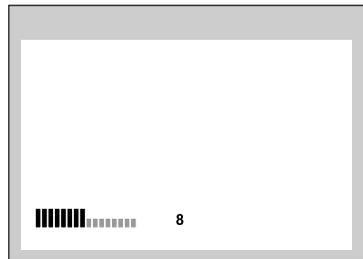
Turning off the sound (mute)

Press the [**MUTE**] button on the remote control unit.

The monitor displays "**MUTE**".

```
MUTE
```
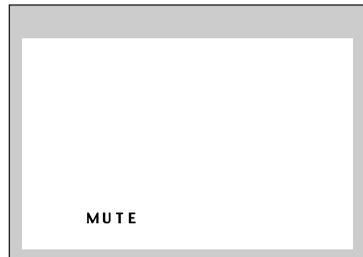
● To restore the volume

Press the [**MUTE**] button again.

DVD-Video Operations

Watching a DVD-Video

After disc selection, the play mode is automatically engaged.

  • Button operation may not be allowed depending on the story of the disc.

■ **After the menu screen is displayed**

For normal DVD-Video discs, the menu screen appears.

After the menu screen is displayed, select an item in the following operations and play it back.

Selecting the DVD menu

1. Press the [**MENU**] button during playback.

  ➜ The DVD menus appears.

  The displayed contents may differ, depending on the DVD software.

  • Example showing menu display

```
Main Menu
                    Chapter list
                Sound
              Subtitles
            Staff and cast
          Trailer
        Main program
```

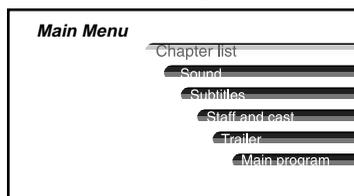2. Select an item by pressing " ▲ " and " ▼ " buttons and press the [**ENT**] button to enter.

  Otherwise, select an item with the ten-key buttons on the remote control unit and press the [**ENT**] button to enter.

  ➜ The video images of the selected item are played back.

  • Depending on the disc, items cannot be selected with the ten-key buttons.

Stopping playback

Press the Stop[■] button during playback.

  ➜ Playback stops.

■ **To resume playback**

  • Press the Play/pause [▶/❙❙] button, and playback resumes from the scene where playback is stopped.

Pausing playback

Press the Play/pause [▶/❙❙] button during playback.

  ➜ Playback pauses.

■ **To resume playback**

  • Press the Play/pause [▶/❙❙] button, and playback resumes.

Slow playback

Press and hold [**SLOW**] button.

  ➜ While the button is being pressed, slow playback continues at the speed 1/2 times the normal playback.

  • Slow playback cannot be performed in the backward direction. In addition, audio cannot be reproduced during slow playback.

Skipping a chapter (searching)

About chapter

Chapter means a small segment to divide the data area of the disc.

Press the Chapter up [▶▶❙] button or Chapter down [❙◀◀] button during playback.

  ➜ Chapters are skipped, as many as the times the button is pressed, and playback starts.

```
          Current
   ❙◀◀  location  ▶▶❙

  ┌──────┬──────────┬──────────┐
  │Chapter│ Chapter  │ Chapter  │
  └──────┴──────────┴──────────┘
 Backward  ◀──────▶  Playback
 direction           direction
```
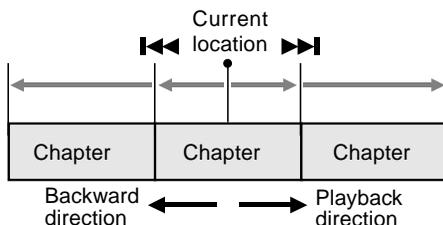
  • Press the [▶▶❙] button, and playback starts from the beginning of the next chapter.

  • Press the [❙◀◀] button, and playback starts from the beginning of the current chapter. When this button is pressed again within about 2 seconds, playback starts from the beginning of the previous chapter.

  • The unit may return to the menu screen when the [▶▶❙] button or [❙◀◀] button is pressed.

Fast forward and fast rewind

Press and hold the Fast forward [►►] button or Fast rewind [◄◄] button during playback.

➔Press and hold the button, and the playback speed becomes 4-time faster first and then 16-time faster 3 seconds later. Release the button, and the normal speed is restored.

• No audio is reproduced during fast forward and fast rewind operation.

• The fast forward and fast rewind speed may differ depending on the disc.

• The menu screen may appear when the button is pressed.

Searching with a chapter/title number

You can locate the beginning of the scene using the chapter numbers or title numbers recorded on the DVD-Video disc.

1. Press the [**SEARCH MODE**] button during playback and select "[**C****]".

➔Each time you press the button, you can switch between title number input "[**T****]" and chapter number input "[**C*****]".

• **Title**

A large segment to divide the data area of the disc.

• **Chapter**

A small segment to divide the data area of the disc.

2. Input the number of the title that you want to play back with the ten-key buttons (0 to 9).

• To input the title number "12", press "1" of then key buttons and then "2".

Press "1".

T * *

Press "2".

T 0 1

T 1 2

3. Press the [**ENT**] button.

➔Playback starts from the scene of the input title number or chapter number.

• If the input title number does not exist or searching with a title number is not allowed, the following message appears to invalidate the input.

⊘ **INVALID**

Scan playback

Scans and plays back all chapters recorded on the DVD-Video, the first 10 seconds for each.

Press the [**SCAN**] button.

After scan playback of all chapters on the disc, chapter scanning through the same disc is performed again.

Depending on the disc, the menu may appear again after scan playback of all chapters within the title.

Press the [**SCAN**] button again, and scan playback is turned off.

Depending on a chapter previously set, SCAN may be cancelled.

Repeat playback

This operation plays back chapters/titles recorded on the DVD-Video repeatedly.

Press the [**RPT**] button for chapter repeat.

Press the [**RPT**] button for 1 second or longer for title repeat.

● **Chapter repeat**:

Plays back one chapter repeatedly.

● **Title repeat**:

Plays back all chapters within the title repeatedly.

Press the [**RPT**] button again, and repeat playback is turned off.

Using the title menu

On DVD discs containing two or more titles, you can select from the title menu for playback.

1. Press the [**TITLE**] button during playback.

➔The title menu screen appears.

• Press the [**MENU**] button, and playback resumes from the scene played back before [**TITLE**] button is pressed.

• Depending on the disc, the title menu cannot be called with [**TITLE**] button.

2. Press the " ▲ " and " ▼ " button or use the ten-key buttons to select an item.

• Movement of the selected item with the jog differs depending on the disc. Selection using the ten-key buttons also differs depending on the disc.

• Depending on the disc, items cannot be selected with the ten-key buttons.

3. Press the [**ENT**] button.

Switching among languages

On discs in which two or more audios or audio languages have been recorded, you can switch among the audio languages during playback.

Press the [**AUDIO**] button during playback.

➔Each time you press the button, you can switch among audio languages.

• Depending on the disc, up to 8 audios may be recorded. For details, see the mark of the disc ((8))): Indicates that 8 audios have been recorded).

• When the power is turned on and when the disc is changed with a new one, the language set at the time of factory shipment is selected. If that language has not been recorded, the language specified on the disc.

• Depending on the disc, switching may be completely impossible or impossible on some scenes.

• It may take time to switch among audios.

Switching subtitles

On DVD discs in which two or more subtitle languages have been recorded, you can switch among the subtitle languages during playback.
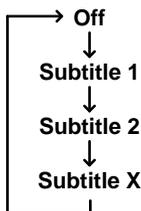
Press the [**SUB TITLE**] button during playback.

➔Each time you press the button, you can switch among subtitles.

• Depending on the disc, up to 32 kinds of subtitles may be recorded. For details, see the mark of the disc (8. : Indicates that 8 kinds of subtitles have been recorded).

• Depending on the disc, switching may be completely impossible or impossible on some scenes.

• It may take time to switch among subtitles.

●**To turn off subtitles**

Press the **[SUB TITLE]** button several times, and subtitles are turned off.

In initial setting:

```
        ┌──→ Off
        │     ↓
        │  Subtitle 1
        │     ↓
        │  Subtitle 2
        │     ↓
        └── Subtitle X
```

Switching angles

On DVD discs in which video images have been recorded in two or more angles, you can switch among the angles during playback.

Press the [**ANGLE**] button during playback.

➔Each time you press the button, you can switch among angles.

• Depending on the disc, up to 9 angles may be recorded. For details, see the mark of the disc (9 : Indicates multi-angle).

• Depending on the disc, angles may switch smoothly or switch with a momentary still image.

• Depending on the disc, switching may be completely impossible or impossible on some scenes.

• It may take time to switch among angles.

• Depending on the disc, scenes recorded in two or more angles may be played back.

Displaying the playback status

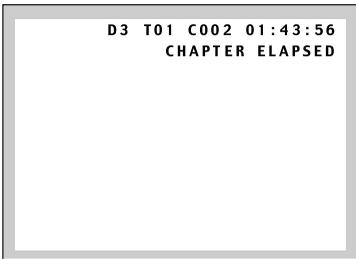Press the [**P. TIME**] button during playback.

➜When pressing the [**P. TIME**] button.

Each time you press the button, you can switch between display (ON) and non-display (OFF) of the playback status.

Disc number
Title number
Chapter number
Playback time

D3 T01 C001 00:00:19
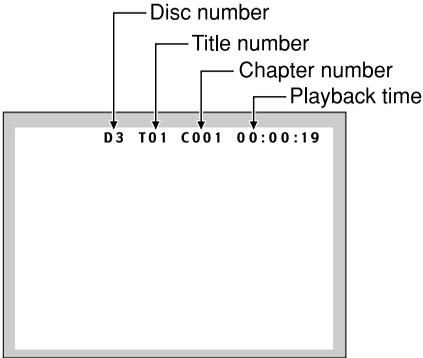
• Even when display of the playback status is OFF, you can display the playback status by operating the button.

By pressing the button for 1 second or longer while the playback status is displayed, you can switch among time displays.

D3 T01 C002 01:43:56
CHAPTER ELAPSED

TITLE ELAPSED
↓
TITLE REMAIN
↓
CHAPTER ELAPSED
↓
CHAPTER REMAIN

• **TITLE ELAPSED**:
Elapsed time of the title
• **TITLE REMAIN**:
Remaining time of the title
• **CHAPTER ELAPSED**:
Elapsed time of the chapter
• **CHAPTER REMAIN**:
Remaining time of the chapter
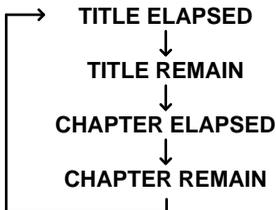
Watching a video CD

After disc selection, the play mode is automatically engaged.

> • Button operation may not be allowed depending on the story of the disc.

■ **After the menu screen is displayed**

For V-CD discs equipped with the PBC (Play Back Control) function, the menu screen appears. After the menu screen is displayed, select an item in the following operations and play it back.

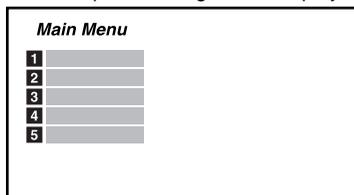## Selecting the V-CD menu (for V-CD discs with PBC)

This key does not function on some discs.

1. Press the [**MENU**] button during playback.

➔The V-CD menu appears.

The displayed contents may differ, depending on the V-CD software.

> • Example showing menu display

```
┌─────────────────────────┐
│  Main Menu              │
│  ① �adding             │
│  ② ▒▒▒▒▒             │
│  ③ ▒▒▒▒▒             │
│  ④ ▒▒▒▒▒             │
│  ⑤ ▒▒▒▒▒             │
└─────────────────────────┘
```

The menu screen can be switched depending on a disc being played.

2. Otherwise, select an item with the ten-key buttons on the remote control unit and press the [**ENT**] button to enter.

➔The video images of the selected item are played back.

Stopping playback

Press the Stop [■] button during playback.

➔Playback stops.

┌─────────────────────────────┐
│ **When the PBC is turned on** │
└─────────────────────────────┘

> • When the Play/pause [►/❚❚] button is pressed, the disc plays from the beginning.
>
> If the unit is CeNET connected and the function is switched, the disc plays from the beginning.

┌──────────────────────────────┐
│ **When the PBC is turned off** │
└──────────────────────────────┘

■ **To resume playback**

> • Press the Play/pause [►/❚❚] button, and playback resumes from the scene where playback is stopped.

Pausing playback

Press the Play/pause [►/❚❚] button during playback.

➔Playback pauses.

■ **To resume playback**

> • Press the Play/pause [►/❚❚] button, and playback resumes.

Slow playback

Press and hold the [**SLOW**] button.

➔While the button is being pressed, slow playback continues at the speed 1/2 times the normal playback.

> • Slow playback cannot be performed in the backward direction. In addition, audio cannot be reproduced during slow playback.

Skipping a track (searching)

Press the TRACK up [►►❘] / TRACK down [❘◄◄] button during playback.

➔The track is skipped and playback starts.

Current
❘◄◄ location ►►❘

Track	Track	Track

Backward ◄——— ———► Playback
direction   direction
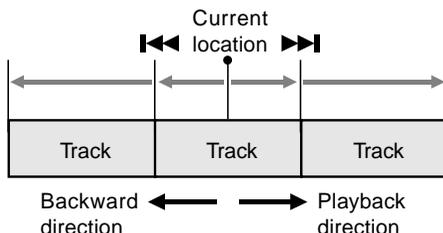
> • Press the [►►❘] button, and playback starts from the beginning of the next track.
>
> • Press the [❘◄◄] button, and playback starts from the beginning of the current track. When this button is pressed again within about 2 seconds, playback starts from the beginning of the previous track.

This operation cannot be performed on some discs with PBC.

Fast forward and fast rewind

Press and hold the Fast forward [▶▶] button or Fast rewind [◀◀] button during playback.

➔ Press and hold the button, and the playback speed becomes 4-time faster first and then 16-time faster 3 seconds later. Release the button, and the normal speed is restored.

• No audio is reproduced during fast forward and fast rewind operation.

• The unit may return to the menu screen when the button is pressed.

Searching with a track number

This operation allows searching with the track numbers recorded on the video CDs.

1. Press the [**SEARCH MODE**] button during playback.

2. Input the number of the track that you want to play back with the ten-key buttons (0 to 9).

• To input the track number "12", press "1" of the ten-key buttons and then "2".

Press "1".

$$T**$$

$$T01$$

Press "2".

$$T12$$
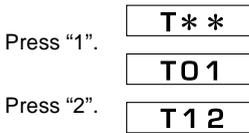
3. Press the [**ENT**] button.

➔ Playback starts from the scene of the input track number.

• If the input track number does not exist or searching with a track number is not allowed, the following message appears to invalidate the input.
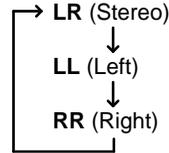
$$\oslash \text{ INVALID}$$

If you are playing a disc with PBC and the PBC function is engaged, this operation may not be performed.

Changing audio output

You can change the audio output method.

Press the [**AUDIO**] button during playback.

➔ Each time you press the button, you can switch among audio output methods.

LR (Stereo)
↓
LL (Left)
↓
RR (Right)

Scan playback

This operation scans and plays back all tracks on the disc, the first 10 seconds for each.

Press the [**SCAN**] button.

➔ Press the [**SCAN**] button again, and scan playback is turned off.

If you are playing a disc with PBC and the PBC function is engaged, this operation may not be performed.

Repeat playback

This operation plays back one track recorded on the video CD repeatedly.

Press the [**RPT**] button

Press the [**RPT**] button again, and repeat playback is turned off.

If you are playing a disc with PBC and the PBC function is engaged, this operation may not be performed.

Random playback

This operation plays back all tracks on the disc in no particular order.

Press the [**RDM**] button.

➔ Press the [**RDM**] button again, and random playback is turned off.

If you are playing a disc with PBC and the PBC function is engaged, this operation may not be performed.

English

Displaying the playback status

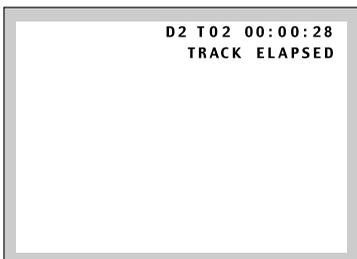Press the [**P. TIME**] button during playback.

➜When pressing the [**P. TIME**] button.

Each time you press the button, you can switch between display (ON) and non-display (OFF) of the playback status.

```
                              D2  T02  00:00:28
```
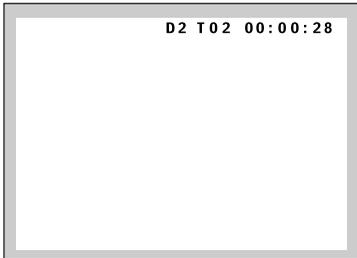
• Even when display of the playback status is OFF, you can display the playback status by operating the button.

• Depending on the playback status or disc, the following indication may appear.

By pressing the button for 1 second or longer, you can switch among time displays.

```
                              D2  T02  00:00:28
                              TRACK  ELAPSED
```

┌──→ **TRACK ELAPSED**
│   ↓
│   **TRACK REMAIN**
└───────────────┘

Note:
*• Depending on some discs, the [**P.TIME**] indication may not be displayed on some scenes. Also, it may occur that the P.TIME operation does not work. When this happens, the indication "**INVALID**" will appear.*

On/off of Play Back Control

On video CDs equipped with Play Back Control function, you can turn it on/off.

Press the [**PBC**] button.

➜Each time you press the button, you can switch between on and off.

When the PBC is turned on or off, the disc plays from the beginning.

The factory default setting of PBC is "**ON**".

Playback control (PBC)

This control signal is recorded on a Video CD for version 2.0 and used to control playback. Using pre-recorded menu screens in the Video CD with PBC, you can enjoy playback of software with a simplified dialog function or software with search function. You can also enjoy a still picture at high or standard resolution.

| When the PBC is turned on |

The beginning of a disc is played if one of the operations such as "**SET UP**", "**DISC SEL**", "**STOP**" or "**ACC ON/OFF**" is performed.