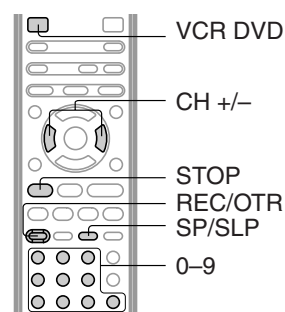


One-touch Timer Recording (OTR)

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



One-touch Timer Recording (OTR)

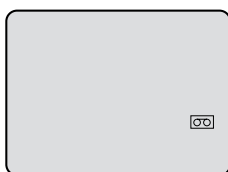
Preparation:

- Turn ON the TV and select to the corresponding video input.
- Press **VCR DVD** selector to select the VCR mode. (The VCR mode indicator will light.)

Example: One-touch Timer Recording for 30 minutes.

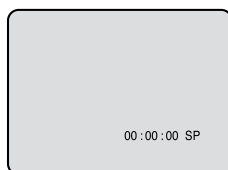
1 Load a cassette tape with the erase prevention tab intact.

The VCR will automatically turn on.



2 Press SP/SLP to select the desired tape speed SP or SLP.

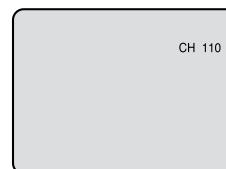
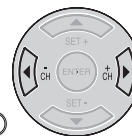
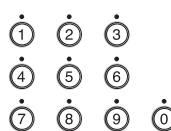
The tape counter and "SP" or "SLP" will appear on the screen for about 4 seconds.



3 Set "TV" or "CABLE" option to the appropriate position [27].

TV - VHF/UHF channels
CABLE - Cable TV channels

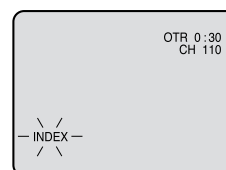
4 Press Direct channel selection buttons (0-9) or CH +/- to select the channel to be recorded.



5 Press REC/OTR. Recording begins. Press the button again to stop recording after 30 minutes. Each additional press of REC/OTR will increase recording time as shown in the chart below, up to a maximum of 6 hours.

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

The OTR and recording time will appear on the screen for about 4 seconds, then change to "●".



To cancel OTR

Press **STOP** or turn off the power.



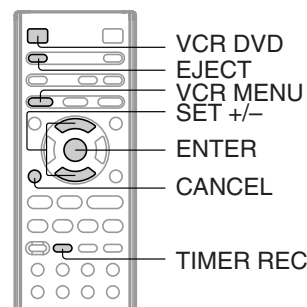
"■" will appear on the screen for about 4 seconds.

Note:

If you wish to watch the DVD playback during OTR or standard recording, press **VCR DVD** selector to change to DVD mode and perform the DVD playback [42].

Timer recording

Timer recording can be programmed on-screen with the remote control. The built-in timer allows automatic unattended recording of up to 8 programs within 1 month.



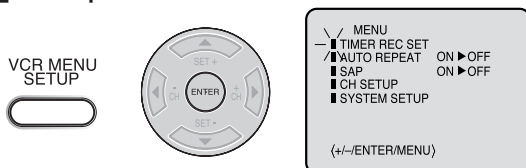
Timer recording

Preparation:

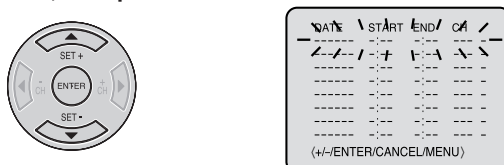
- Press **VCR DVD** selector to select the VCR mode.
- Load a cassette tape with the erase prevention tab intact.
- Check the time and date are correct [24].

Example: Program a timer recording for the 26th day, channel 125 (Cable TV), 11:00 - 11:30 PM on timer program number 1 (Tape speed: SLP).

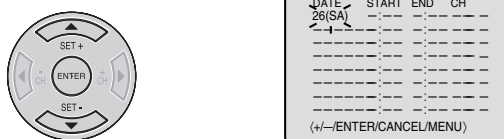
1 Press VCR MENU. Select "TIMER REC SET", then press ENTER.



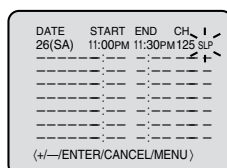
2 Press SET + or - to select one of the program line, then press ENTER.



3 Press SET + or - to select the date, then press ENTER.



4 Set the start time, end time, channel and tape speed as in step 3.



Notes:

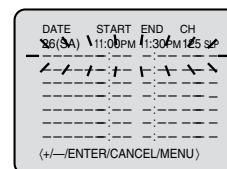
- Press **CANCEL** to move cursor backward for correction.
- To record from external source set the channel to "L1" or "L2".

5 To enter other programs, repeat step 2 through 4.

VCR MENU
SETUP



- To return to the normal screen, press **VCR MENU** twice.



6 Press TIMER REC. The timer symbol (⏏) will appear on the display and the VCR stands by for recording.

TIMER REC



At the same time, VCR mode will change to DVD mode automatically. You can use DVD even if the VCR is in the timer recording mode. If you do not use the DVD, turn the power off.

Notes:

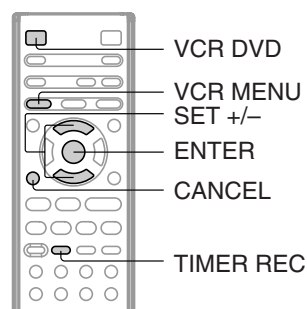
- The timer recording will start at 5 seconds before the time you predetermined.
- If the timer symbol (⏏) does not appear on the display in spite of the pressing of **TIMER REC**, the cassette may not have been loaded [29].
- If the cassette is ejected in spite of the pressing of **TIMER REC**, the erase prevention tab of the cassette may have been removed [29].

Notes:

- If the timer symbol (⏏) blinks when the timer recording ended, the TV program has not been completely recorded because of an insufficient tape length. Press **TIMER REC** to cancel the timer program or press **EJECT** to remove the cassette tape.
- During timer recording standby mode, the VCR mode cannot be operated. To use the VCR, press **TIMER REC** at first, then press **VCR DVD** selector to change to VCR mode. After you use the VCR, press **TIMER REC** again to put the VCR into timer recording standby mode.
- If you press **TIMER REC** during timer recording, the recording operation will be interrupted. If you press **TIMER REC** again within the programmed time, the recording operation will start again.
- After a power failure or disconnection of the power plug, all programmed recording settings and time display will be lost upon resumption of power. In this case, reset the clock [24] and reprogram any timer recording.

Recording (VCR)

Timer recording (Continued)

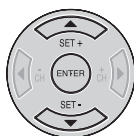
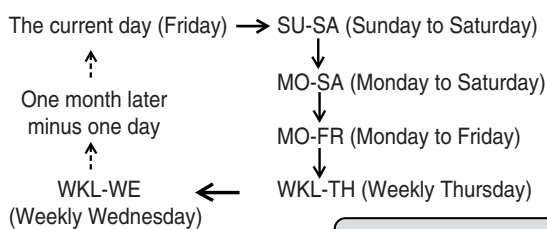


To set daily/weekly timer

Weekly (e.g. WKL-TU: each Tuesday) or daily (e.g. MO-SA: Monday to Saturday) Timer recording

Follow the procedure of timer recording on the previous page. At step 3 press **SET +** or **-** repeatedly until the desired setting appears. Then press **ENTER**.

When you press **SET -** repeatedly, the DATE indicator will change as follows, in this case the day is Friday.



DATE	START	END	CH
WKL-WE	---	---	---
---	---	---	---
---	---	---	---
---	---	---	---
---	---	---	---
---	---	---	---
---	---	---	---
(+/-/ENTER/CANCEL/MENU)			

To confirm or cancel a program

1 If the Timer has been activated, press **TIMER REC** to deactivate the Timer.

The timer symbol (⏏) will disappear. Then press **VCR DVD** selector to change to VCR mode.



2 To confirm Timer program:

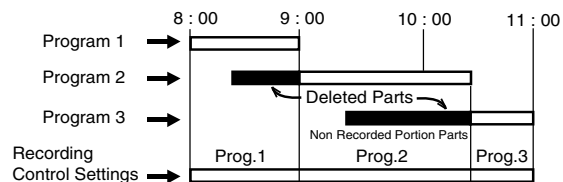
At step 1 on the previous page select "TIMER REC SET" and press **ENTER**. The timer program list will appear on the screen.



DATE	START	END	CH
26(SA)	11:00PM	11:30PM	125SLP
---	---	---	---
---	---	---	---
---	---	---	---
---	---	---	---
---	---	---	---
---	---	---	---
(+/-/ENTER/CANCEL/MENU)			

If the programs overlap another

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.

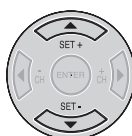


Notes:

- The daily/weekly recording can be made continuously until the recording is canceled or the tape reaches the end.
- During timer recording the automatic rewinding mechanism does not function.

3 To cancel Timer program:

Press **SET +** or **-** to select the unwanted program, then press **CANCEL** to cancel the program.



DATE	START	END	CH
---	---	---	---
---	---	---	---
---	---	---	---
---	---	---	---
---	---	---	---
---	---	---	---
---	---	---	---
(+/-/ENTER/CANCEL/MENU)			

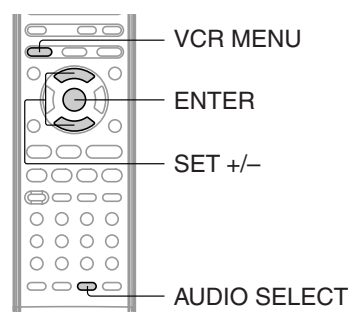
4 Press **VCR MENU** repeatedly until the menu screen is cleared.



Notes:

- If there are other timer record programs remaining, **TIMER REC** must be pressed to reactivate the timer, otherwise the remaining timer record programs will be ignored.
- You cannot confirm the Timer program during timer recording operation.
- You can correct or cancel a programmed setting in program confirm mode.

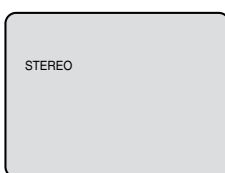
Stereo recording and playback / Second Audio Program (SAP)



Stereo recording and playback

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

When a MTS STEREO broadcast is received, "STEREO" will appear on the screen for about 4 seconds 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 "STEREO" will not appear and the sound will be in mono.



Output selection

When viewing an MTS stereo TV program, or playing a prerecorded VHS Hi-Fi stereo videotape, 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 broadcast or videotape 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 MONO videotape or TV program. Each time when you press the button, OUTPUT SELECTION display appears on the screen for several seconds. Refer to the chart below.

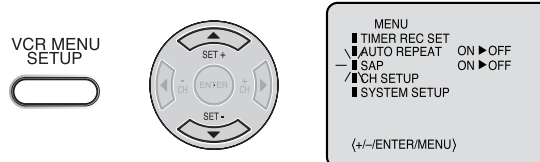
OUTPUT SELECTION	SOUND HEARD ON BOTH SPEAKERS
STEREO	STEREO
L ch	LEFT CHANNEL AUDIO
R ch	RIGHT CHANNEL AUDIO
MONO	MONO

Second Audio Program (SAP)

Your DVD/VCR is fitted with a SAP broadcast system which enables you to switch to a second audio program when viewing a selected channel.

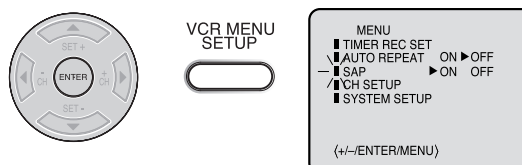
This function applies only when the program is broadcast in multi-languages through the SAP broadcast system.

1 Press VCR MENU. Then press SET + or - to select "SAP".



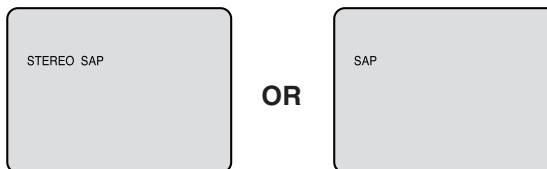
2 Press ENTER to select "ON".

Then press **VCR MENU** until the menu screen is cleared.



Listening to SAP

When the VCR is turned on or a channel selection is made, make certain the letters "SAP" appears on the screen for about 4 seconds. This means that the "Second Audio Program" broadcasting is available.

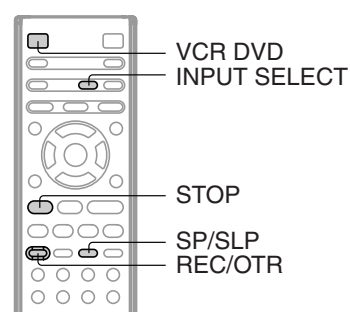


Notes:

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

Duplicating a video tape

If you connect the DVD/VCR to another VCR or Camcorder, you can duplicate a previously recorded tape. Make all connections before turning on the power.



Duplicating a video tape

Preparation:

- Turn ON the TV and select the corresponding video input.
- Press **VCR DVD** selector to select the VCR mode. (The VCR mode indicator will light.)
- Load a cassette tape with the erase prevention tab intact.
- Load a previously recorded tape into the playback VCR or Camcorder.

1 Press SP/SLP to select the desired tape speed SP or SLP.



It is recommended that you set the tape speed to the SP mode on the recording VCR for best results.

2 Press INPUT SELECT once or twice to select AUDIO/VIDEO input position.

"L1" or "L2" will appear in the display.



L1: on the rear panel
L2: on the front panel

3 Press PLAY on the playback VCR or Camcorder.

4 Press REC/OTR on the recording VCR.

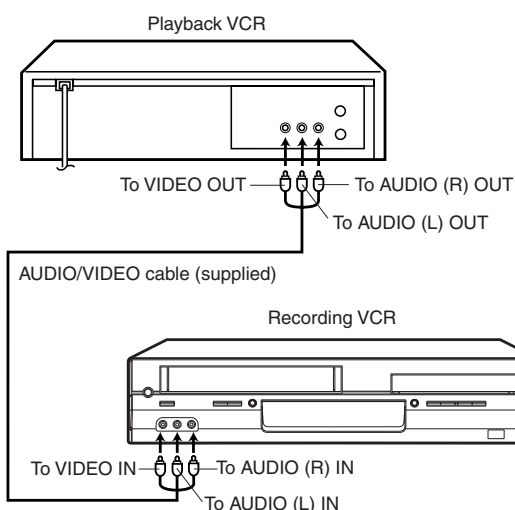
The duplicating process begins.



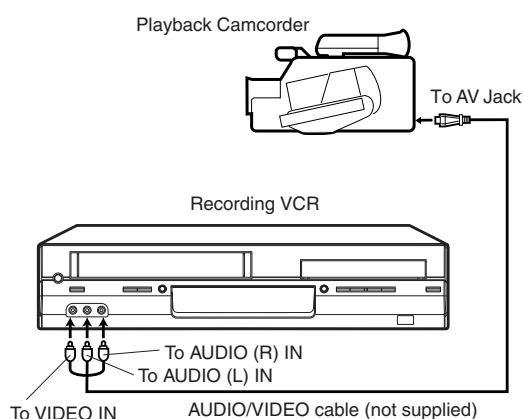
5 Press STOP after duplicating a video tape.



Connection with second VCR



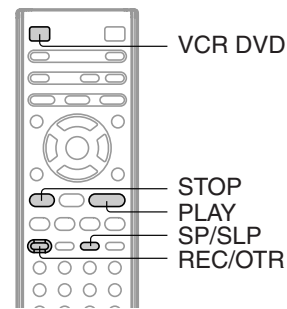
Connection with Camcorder



For duplicating a previously recorded tape from a camcorder, follow the camcorder manufacturer's instructions. A typical camcorder dubbing hookup is shown above.

Recording a DVD/CD disc

You can record disc material in DVD, Audio CD, etc. onto a Video tape with this DVD/VCR.

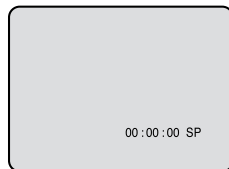


Duplicating a DVD or CD disc

Preparation:

- Turn ON the TV and select the corresponding video input.
- Press **VCR DVD** selector to select the VCR mode. (The VCR mode indicator will light.)
- Load a cassette tape with the erase prevention tab intact.
- Load a DVD/CD disc.

1 Press SP/SLP to select the desired tape speed SP or SLP.



2 Press VCR DVD selector to select the DVD mode. The DVD mode indicator will light.



DVD

3 Press PLAY to start playback.



4 Press REC/OTR to start recording.



The DVD/VCR will change to the VCR mode automatically and the playback picture or sound will be duplicated on the video cassette tape.

5 Press STOP if you finish recording.



If you wish to stop a DVD/CD disc, press **VCR DVD** selector to change the DVD mode, then press **STOP**.

Notes:

- You may not be able to record the beginning of the disc. Begin VCR recording once program playback commences on the DVD.
- When the scanning mode is set to the progressive mode, you cannot duplicate a disc material onto a video tape. When **REC/OTR** is pressed, the PROGRESSIVE indicator "P" on the display window will flash and "Please Set P Off" will appear on the screen.
- You cannot record discs encoded with copy guard function. The following icon and text will show up on the TV screen.



DISC IS COPY PROTECTED

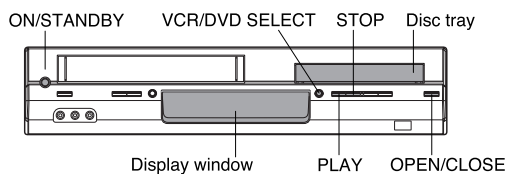
Other functions (VCR)

Playing a disc

This section shows you the basics on how to play a disc.

CAUTION

Keep your fingers well clear of the disc tray as it is closing. Neglecting to do so may cause serious personal injury.



DVD VCD Basic playback

Preparations:

- When you want to view a disc, turn on the TV and select the corresponding video input connected to the DVD. This may include S-video or component video inputs which are exclusive to DVD playback.
- When you want to enjoy the sound of discs from the audio system, turn on the audio system and select the input connected to the DVD/VCR.

1 Press ON/STANDBY.

I/O ON/STANDBY



The DVD/VCR turns on.

2 Press VCR/DVD SELECT to select the DVD mode.

VCR/DVD



The DVD indicator will light.

DVD

3 Press OPEN/CLOSE.

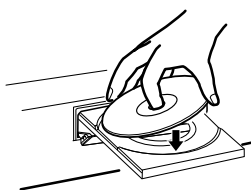
▲ OPEN/CLOSE



The disc tray opens.



4 Place the disc on the disc tray.



With the playback side down

- There are two different disc sizes. Place the disc in the correct guide on the disc tray. If the disc is out of the guide, it may damage the disc and cause the DVD/VCR to malfunction.
- Do not place a disc which is unplayable in this DVD/VCR.

5 Press OPEN/CLOSE or PLAY on the unit.

▲ OPEN/CLOSE



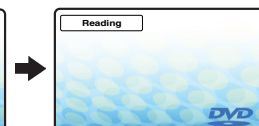
▶ PLAY



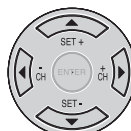
OR

The disc tray closes automatically. On the TV-screen, "▲" changes to "Reading" and then playback commences.

- A menu screen will appear on the TV screen, if the disc has a menu feature.



6 Press ▲/▼ or ◀/▶ to select title.



7 Press ENTER.



- Title is selected and play commences.

8 Press STOP to end playback.

■ STOP



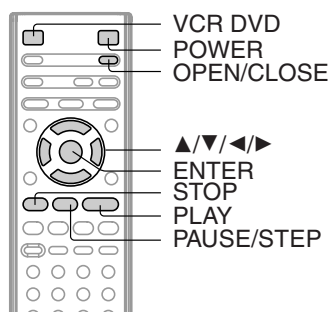
- The unit records the stopped point, depending on the disc. "■ Stop" appears on the screen. Press **PLAY** to resume playback (from the scene point).
- If you press **STOP** again or unload the disc ("■ Stop" appears on the screen.), the unit will clear the stopped point.

■ To start playback in the stop mode

Press **PLAY**.

▶ PLAY





■ To obtain a higher quality picture

Occasionally, some picture noise not usually visible during a normal broadcast may appear on the TV screen while playing a DVD video disc because the high resolution pictures on these discs include a lot of information. While the amount of noise depends on the TV you use with this unit, you should generally reduce the sharpness adjustment on your TV when viewing DVD video discs.

■ About

The icons on the heading bar show the playable discs for the function described under that heading.

: You can use this function with DVD video discs.

: You can use this function with Video CDs.

: You can use this function with Audio CDs and CD-R/RW CDs.

■ To pause playback (still mode)

Press **PAUSE/STEP** during playback.



To resume normal playback, press **PLAY**.

- The sound is muted during still mode.

■ To stop playback

Press **STOP**.



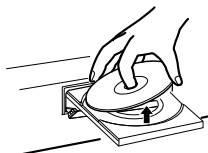
■ To remove the disc

Press **OPEN/CLOSE**.

OPEN/CLOSE



Remove the disc after the disc tray opens completely.



Be sure to press **OPEN/CLOSE** to close the disc tray after you remove the disc.

■ Playing a Disc while the VCR section is recording or standing by for timer recording

- 1) Start to record.
Follow steps 1~5 on page [34](#).
• If the DVD/VCR is standing by for recording, turn on the DVD/VCR.
- 2) Press **VCR DVD** selector to select DVD mode.
- 3) Play a disc.
Follow steps 3 ~ 5 on page [42](#).
• Press **PLAY** if the DVD/VCR does not start to play a disc automatically.
- 4) Stop to play.
Press **STOP** to stop play back a disc.

■ Screen saver function

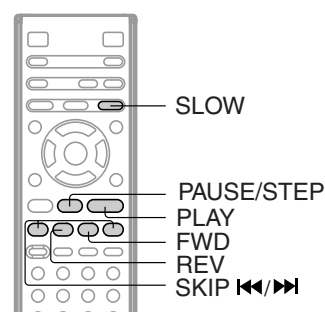
The screen saver operates when you leave the unit in DVD stop mode for approx. five minutes. The screen will repeatedly get dark gradually and back to normal. Please press some button when you want to return it to a usual screen. To turn on or off the screen saver, see page [61](#).

Notes:

- If a non-compatible disc is loaded, "Incorrect Disc", "Region Code Error" or "Parental Error" will appear on the TV screen according to the type of loaded disc. In this case, check your disc again [8](#) [62](#).
- Some discs may take a minute or so to start playback.
- When you set a single-faced disc label downwards (i.e. the wrong way up) and press **OPEN/CLOSE** or **PLAY** on the unit, "Reading" will appear on the display for a few minutes and then "Incorrect Disc" will continue to be displayed.
- Some discs may not work the resuming facility.
- Resuming cannot function when you play a PBC-featured Video CD while the PBC is on. To turn off the PBC, see page [51](#).
- Some playback operations of DVDs may be intentionally fixed by software producers. Since this unit plays DVDs according to the disc contents the software producers designed, some playback features may not be available. Also refer to the instructions supplied with the DVDs.
- Do not move the unit during playback. Doing so may damage the disc.
- Use the **OPEN/CLOSE** to open and close the disc tray. Do not push the disc tray while it is moving. Doing so may cause the unit to malfunction.
- Do not push up on the disc tray or put any objects other than discs on the disc tray. Doing so may cause the unit to malfunction.
- In many instances, a menu screen will appear after playback of a movie is completed. Prolonged display of an on-screen menu may damage your television set, permanently etching that image onto its screen. To avoid this, be sure to press **POWER** on your remote control once the movie is completed.
- There may be a slight delay between you pressing the button and the function activating.

Playing a disc (Continued)

You can play discs at various speeds.



Playing in fast reverse or fast forward directions

Press **REV** or **FWD** during playback.



REV: Fast reverse playback
FWD: Fast forward playback

Each time you press **REV** or **FWD**, the playback speed changes.

■ **To resume normal playback**

Press **PLAY**.



Notes:

- The DVD/VCR mutes sound and subtitles during reverse and forward scan of DVD/VCD video discs. However, this unit plays sound during fast forward or fast reverse play of audio CDs.
- The playback speed may differ depending on the disc.

Playing frame by frame

Press **PAUSE/STEP** during still playback.



Each time you press **PAUSE/STEP**, the picture advances one frame.

■ **To resume normal playback**

Press **PLAY**.



Note:

The sound is muted during frame by frame playback.

Playing in slow-motion

Press **SLOW** during playback.



Each time you press the button, the slow-motion speed changes.

■ **To resume normal playback**

Press **PLAY**.



Note:

The sound is muted during slow-motion playback.

Locating a chapter or track

Press **SKIP** or **SKIP** repeatedly to display the chapter or track number you want.

Playback starts from the selected chapter or track.



To locate succeeding chapters or tracks.

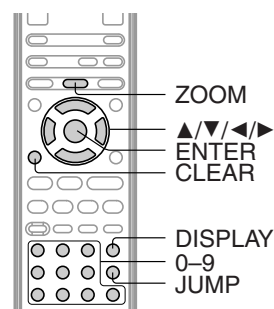


Playback starts from the beginning of the current chapter or track. When you press twice in quick successions, playback starts from the beginning of the preceding chapter or track.

Notes:

- Some prohibition message may appear at the upper right of the screen. These messages mean either the feature you tried is not available on the disc, or the DVD/VCR cannot access the feature at this time. This does not indicate a problem with the DVD/VCR.
- The unit is capable of holding a still video image or On screen display image on your television screen indefinitely. If you leave the still video image or On screen display image displayed on your TV for an extended period of time, you risk permanent damage to your television screen. Projection televisions are very susceptible.

Zooming/Locating desired scene



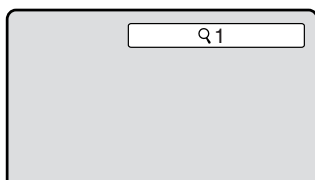
DVD VCD CD Zooming

This unit will allow you to zoom in on the frame image. You can then make selections by switching the position of the frame.

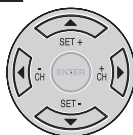
1 Press ZOOM during playback.



The center part of the image will be zoomed in. Each press of **ZOOM** will change the ZOOM Q1 (x 1.3), Q2 (x 1.5) and Q3 (x 2.0).



2 Press ▲/▼/◀/▶ to view a different part of the frame.



You may move the frame from the centre position to UP, DOWN, LEFT or RIGHT direction.

3 In the zoom mode press ZOOM repeatedly to return to a 1:1 view (Q Off).



Notes:

- You can select the Pause, Slow or Search playback in the zoom mode.
- Some discs may not respond to zoom feature.

DVD VCD CD Locating desired scene

Use the title, chapter and time recorded on the DVD disc to locate the desired point to play back. In the case of VCD/CD discs, time and track are used to locate the desired point to play back. To check the title, chapter and time, press **DISPLAY**.

1 Press JUMP during playback or stop mode.



Search	
Title	---
Chapter	---
Time	--:--

- "Time" only works in playback or resume stop mode.

2 Press ▲ or ▼ to select the "Title", "Chapter" or "Time".

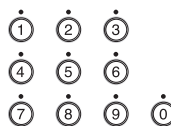


Search	
Title	---
Chapter	---
Time	--:--

Notes:

- In case of the Audio CD and Video-CD, only Track and Time can be selected.
- In case of the Video-CD playback with PBC, the JUMP does not work. To turn off PBC **[51]**.

3 Press Number buttons (0-9) to change the number.



Search	
Title	---
Chapter	12
Time	--:--

- If you input a wrong number, press **CLEAR**.
- Refer to the package supplied with the disc to check the numbers.

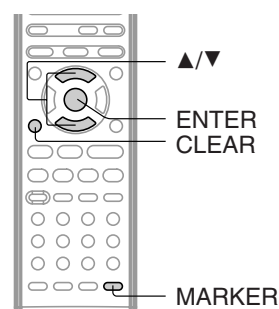
4 Press ENTER. Playback starts.



- When you change the title, playback starts from Chapter 1 of the selected title.
- Some discs may not work in the above operation.

Marking desired scenes

The unit stores the points that you want to watch again up to 3 points. You can resume playback from each scene.



DVD VCD Marking the scenes

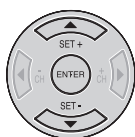
1 Press MARKER during playback.



Marker 1 : **: **: **
 Marker 2 : **: **: **
 Marker 3 : **: **: **
 ▲▼/Enter/Clear/Marker

2 Select the blank Marker using ▲ or ▼. Then press ENTER at the desired scene.

- Repeat this procedure to set the other 2 scenes.



Marker 1 : 00 : 27 : 54
 Marker 2 : **: **: **
 Marker 3 : **: **: **
 ▲▼/Enter/Clear/Marker

3 Press MARKER to remove this display.



Notes:

- Some discs may not work with the marking operation.
- The marking is canceled when you open the disc tray or turn the power off.
- Some subtitles recorded around the marker may fail to appear.

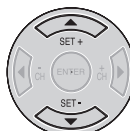
DVD VCD Returning to the scenes

1 Press MARKER during playback or stop mode.



Marker 1 : 00 : 27 : 54
 Marker 2 : 01 : 16 : 25
 Marker 3 : 02 : 08 : 31
 ▲▼/Enter/Clear/Marker

2 Press ▲ or ▼ to select the Marker 1-3.



Marker 1 : 00 : 27 : 54
 Marker 2 : 01 : 16 : 25
 Marker 3 : 02 : 08 : 31
 ▲▼/Enter/Clear/Marker

3 Press ENTER.



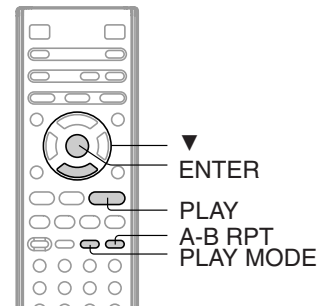
Playback starts from the marked scene.

■ To cancel the Marker

Follow the above steps 1~2, then press **CLEAR**.

Please wait ...

Repeat playback/A-B Repeat playback



Repeat playback

1 Press **PLAY MODE** during playback or stop mode.



2 [DVD] Press **ENTER** to select "Chapter" or "Title".



The unit automatically starts repeat playback after finishing the current title or chapter.

[Video CD]

Press **▼** to select "Repeat".

Press **ENTER** to select "Track" or "All".



The unit automatically starts repeat playback after finishing the current track.

- If you set the repeat mode during stop mode, press **PLAY** to start Repeat playback.

[Audio CD and MP3/WMA CD]

Please see "Repeat and program playback using the file browser" [\[56\]](#).

3 Press **PLAY MODE** again to make the screen disappear.

■ To resume normal playback

Select Repeat : "Off" in step 2.

Notes:

- Some discs may not work with the repeat operation.
- In case of Video CD with PBC, repeat functions are prohibited during playback.

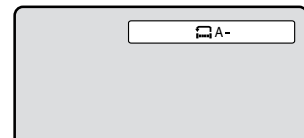
A-B Repeat playback

A-B repeat playback allows you to repeat material between two selected points.

1 Press **A-B RPT** during playback.



The start point is selected.



2 Press **A-B RPT** again.



The end point is selected. Playback starts at the point that you selected. Playback stops at the end point, returns to Point A automatically, then starts again.



■ To resume normal playback

Press **A-B RPT** again.



" Off" appears on the screen.

Notes:

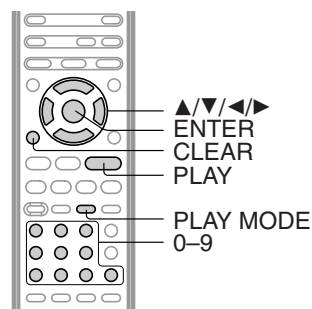
- In A-B Repeat mode, subtitles near the A or B locations may not be displayed.
- You cannot set the A-B Repeat for the scenes that include multiple angles.
- A-B Repeat playback does not work when Repeat playback is activated.
- You may not be able to set A-B Repeat, during certain scenes of the DVD.
- A-B Repeat does not work with an interactive DVD, MP3/WMA/JPEG/DivX® CD.
- A-B Repeat is prohibited when PBC is on.

Advanced playback (DVD)

Program playback/Random playback

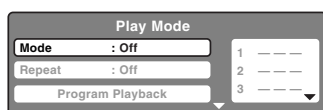
You can arrange the playback order of tracks or files on the disc. And also the unit selects tracks or files at random and playback them. These feature works for Video CD.

For Audio CD and MP3/WMA CD, please see "Repeat and program playback using the file browser" [56](#).

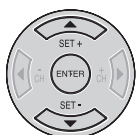


VCD Program playback

1 Press PLAY MODE during stop mode.



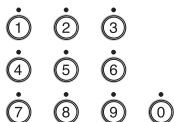
2 Press ▲/▼ to select "Mode", then press ENTER to select "Program".



3 Press ◀/▶ to select the programming position. Use Number buttons (0-9) to input the track or file numbers on sequentially.



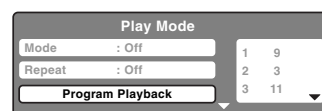
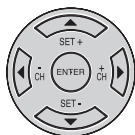
- If you input a wrong number, press CLEAR.



4 Press ◀/▶ to back to the left column, then press ▲/▼ to select the "Program Playback" and press ENTER.

The programs you selected will start to playback in the order.

- To resume normal playback, select Mode: "Off" in step 2.



■ To change the program

- Select Mode to "Program" (as step 2), press ◀/▶/▲/▼ to select the set track number.
- Press **Number buttons (0-9)** to overwrite the new track number.

■ To clear the program one by one

Select Mode to "Program", press ◀/▶/▲/▼ to select the track number. Then press **CLEAR**.

■ To clear all the programs

In the left column, press ▲/▼ to select "Clear Program". Then press **ENTER**.

Notes:

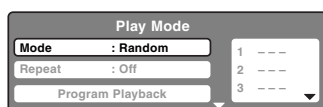
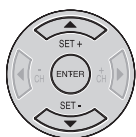
- In playing back the Video CD with PBC, you cannot set Program playback.
- The program is cancelled when you open the disc tray or turn the power off.

VCD Random playback

1 Press PLAY MODE during playback or stop mode.



2 Press ▲/▼ to select Play Mode, then press ENTER to select "Random".



3 Press PLAY.



The Random Playback will start.

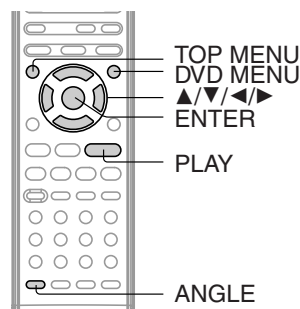
- If you set "Random" during playback mode, Random playback will begin after the track that is currently being played has ended.
- To resume normal playback, select Mode: "Off" in step 2.

Note:

In playing back the Video CD with PBC, you cannot set Random playback.



Changing angles/Title selection/DVD menu



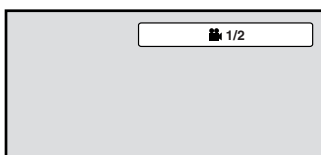
Changing angles

When playing back a disc recorded with multi-angle facility, you can change the angle that you are viewing the scene from.

1 Press ANGLE during playback.

The current angle will appear.

COUNTER RESET
ANGLE



2 Press ANGLE repeatedly until the desired angle is selected.

COUNTER RESET
ANGLE



Note:

Depending on the DVD, you may not be able to change the angles even if multi-angles are recorded on the DVD.

Title selection

Two or more titles are recorded on some discs. If the title menu is recorded on the disc, you can select the desired title.

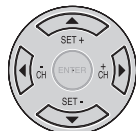
1 Press TOP MENU during playback.

TOP MENU



Title menu appears on the screen.

2 Press ▲/▼/◀/▶ to select the desired title.



3 Press ENTER or PLAY.

The playback of the selected title will start.



Note:

Depending on the DVD, you may not be able to select the title. Depending on the DVD, a "title menu" may simply be called a "menu" or "title" in the instructions supplied with the disc.

DVD menu

Some DVDs allow you to select the disc contents using the menu.

When you play back these DVDs, you can select the subtitle language and sound-track language, etc. using the menu.

1 Press DVD MENU during playback.

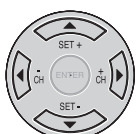
DVD MENU



The DVD menu appears on the screen.

- Press **DVD MENU** again to resume playback at the scene when you pressed **DVD MENU**.

2 Press ▲/▼/◀/▶ to select the desired item.



3 Press ENTER.

The menu continues to another screen. Repeat steps 2 and 3 to set the item completely.

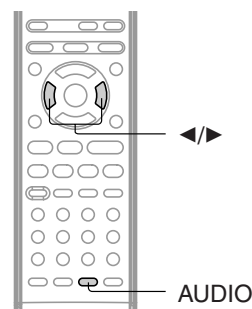


Note:

Depending on the DVD, you may not be able to resume playback from the scene point when you pressed **DVD MENU**.

Advanced playback (DVD)

Changing soundtrack language/ Setting surround sound



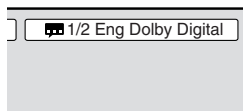
Changing soundtrack language

You can select the language when you play a multilingual disc.

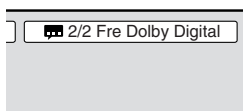
1 Press AUDIO during playback.



The current soundtrack language will appear.



2 Press AUDIO repeatedly until the desired language is selected.



- The on screen display will disappear after a few seconds.

■ In case of Video CD playback

Audio type changes as follows each time you press **AUDIO**.



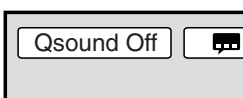
Notes:

- If the desired language is not heard after pressing the button several times, the language is not recorded on the disc.
- Changing soundtrack language is cancelled when you open the disc tray. The initial default language or available language will be heard if the disc is played back again.

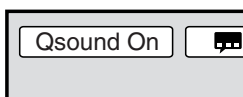
Setting surround sound

This DVD video player equipped with a "QSound". It can produce the effect of being in a cinema or a concert hall.

1 During disc playback press AUDIO.



2 Press ◀ or ▶ to select "On".



- The on screen display will disappear after a few seconds.

■ To cancel Surround mode:

Follow the left steps 1~2, then press ◀ or ▶ to select the "Off" position.

Notes:

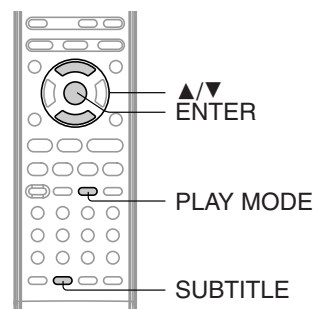
- The "QSound" is effective only for the sound of disc.
- The QSound setting can also be changed in the function setting **62**.
- This function works only when the disc recorded with Dolby Digital is played back.
- When this function works, the volume might feel that it changed.
- When the voice is distorted, please turn off QSound.



Manufactured under license from QSound Labs, Inc. U.S. patent Nos. 5,105,462, 5,208,860 and 5,440,638 and various foreign counterpart. Copyright QSound Labs, Inc. 1998-2002. QXpander™ is a trademark of QSound Labs, Inc. All rights reserved.



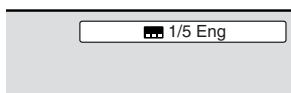
Subtitles/To turn off the PBC



DVD Subtitles

When playing back a disc recorded with subtitles, you can select the subtitle language or turn the subtitle off.

- 1 Press **SUBTITLE** repeatedly during playback until your desired language appears.



- 2 To turn off the subtitle, press **SUBTITLE** until "Off" appears.



- The on screen display will disappear after a few seconds.

Notes:

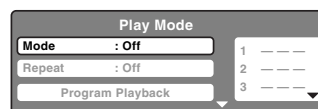
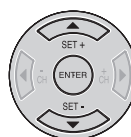
- Depending on the DVD, you may not be able to change subtitles, or to turn subtitles on or off.
- While playing a DVD, the subtitle may change when you open or close the disc tray.
- In some cases, a selected subtitle language may not be changed immediately.

VCD To turn off the PBC

- 1 Press **PLAY MODE** in the stop mode.



- 2 Press **▲/▼** to select "Mode", then press **ENTER** repeatedly until "Off" appear.



- 3 Press **PLAY MODE** again to make the screen disappear.

■ To turn on the PBC

Follow the above steps 1~2, then press **ENTER** repeatedly until "PBC" appear.

Advanced playback (DVD)



MP3/WMA/JPEG/DivX® and Audio CD operation

This player can play back the MP3/WMA/JPEG/DivX®-data which has been recorded on CD-R or CD-RW. To produce the MP3/WMA/JPEG/DivX®-data, you need a Windows-PC with CD-RW drive and a MP3/WMA/JPEG/DivX®-encoding Software (not supplied). The Apple-HFS-System cannot be played.

Note:

This unit requires discs/recordings to meet certain technical standards in order to achieve optimal playback quality. Pre-recorded DVDs are automatically set to these standards. There are many different types of recordable disc formats (including CD-R containing MP3/WMA files). Given the fact that technology in this area is still maturing, Toshiba cannot guarantee that all genre of recordable discs will produce optimal playback quality. The technical criteria set out in this owner's manual are meant as a guide only.

Please be advised that you must obtain permission from the applicable copyright owners to download copyrighted content, including music files, in any format, including the MP3 and WMA formats, prior to the downloading thereof. Toshiba has no right to grant and does not grant permission to download any copyrighted content.

MP3/WMA/JPEG/DivX® CD information

Limitations on MP3/WMA/JPEG/DivX® CD playback

- MP3/WMA/JPEG/DivX® CD is the disc that is standardized by ISO9660, its file name must include 3-digits extension letters, ".mp3", ".wma", ".jpg", ".div", ".divx", ".avi".
- MP3/WMA/JPEG/DivX® CD must be correspond to the ISO standardized files.
- This unit can read 600 files per disc. If one directory has more than 600 files, it reads up to 600 files, the remaining files will be omitted.
- The unit is able to recognize up to a maximum of 50 directories per disc.
- MP3/WMA/JPEG/DivX® CDs cannot be used for the purpose of recording.
- If the CD has both audio tracks and MP3/WMA/JPEG/DivX® files, only audio tracks are played.
- It may take more than one minute for this unit to read MP3/WMA/JPEG/DivX® files depending on its structure.
- Music recorded by "Joliet Recording Specification" can be played back, the file name is displayed (within 16 letters) on the screen. Long file names will be condensed.
- The music files recorded by "Hierarchical File System" (HFS) cannot be played.

Limitations on display

- The maximum number for display is 16 letters.
Available letters for display are the following:
capital or small alphabets of A through Z, numbers of 0 through 9, and _ (under score).
- Other letters than those above are replaced in hyphen.

Notes on MP3/WMA/JPEG/DivX® files

To play back MP3/WMA/JPEG/DivX® CD in the recorded order,

1. Use MP3/WMA/JPEG/DivX® software that records data alphabetically or numerically.
2. Name each file including two-digit or three-digit number (ex. "01" "02" or "001" "002").
3. Refrain from making too many sub-folders.

CAUTION:

- Some MP3/WMA/JPEG/DivX® CDs cannot be played back depending on the recording conditions.
- The CD-R/RW that has no music data or non MP3/WMA/JPEG/DivX® files cannot be played back.

Standard, sampling frequency, and the bit rate:

MP3 CD

MPEG-1 Audio

32kHz, 44.1kHz, 48kHz

32kbps ~ 320kbps (constant bit rate or variable bit rate)

The recommend recording setting for a high-quality sound is 44.1kHz of sampling frequency and 128kbps of constant bit rate.

WMA CD

WMA version 7, and 8

32kHz/48kbps, 44.1kHz/48kbps~192kbps, 48kHz/128kbps~192kbps

The file recorded by mono, 48kHz, 48 kbps is not available to this unit.

DivX® video

DivX® version: DivX® 3, 4, 5, and 6 (specificially 3.1.1, 4.1.2, 5.0.2, 5.0.5, 5.1.1, 5.2.1, 6.0 at Home Theater profile).

Audio format: MPEG1 Layer2 (MP2), MPEG1 Layer3 (MP3)

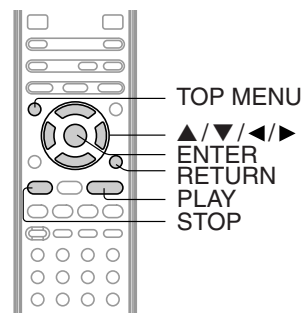
Sampling frequencies: 32kHz, 44.1kHz, 48kHz

Bit rate: 32kbps ~ 320kbps

Resolution: Max 720 x 576 (at 25fps), Max 720 x 480 (at 30fps)

Microsoft, Windows Media, and Windows Logo are trademarks or registered trademarks of Microsoft Corporation in both the United States and other countries.

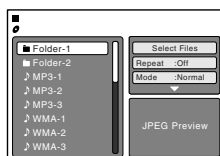
DivX, DivX Certified, and associated logos are trade marks of DivXNetworks, Inc. and are used under license.



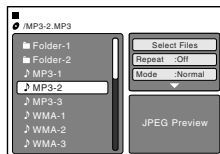
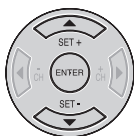
MP3/WMA CD and Audio CD playback

1 Place an Audio CD or a disc on which MP3 or WMA files have been recorded onto the disc tray.

2 A file browser screen will appear on the screen.



3 Press **▲/▼** to select file.



- In case the current directory includes more than 8 files, press **▲** or **▼** to scroll in the file list.
- To see contents in folder, select the folder then press **ENTER**. To return to the upstairs directory, select "Go Up ..." then press **ENTER**.
- When **PLAY** has been pressed after displaying the file browser, or when the disc tray has been closed using **PLAY**, playback begins automatically starting from the first file. In this case, if the first file is an MP3/WMA file, only MP3/WMA files are played back in order. If the first file is a JPEG/DivX® file, the first JPEG/DivX® file is played back.

4 Press **ENTER**.
The selected file starts playing back.

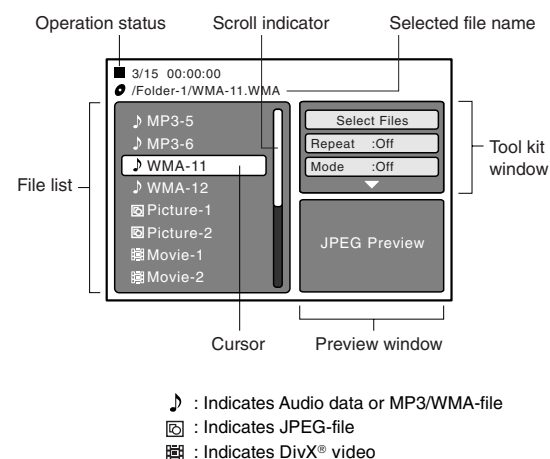


5 Press **STOP** to end playback.



- The unit records the stopped point. "■ Stop" appears on the screen. Press **PLAY** to resume playback (from the scene point).
- If you press **STOP** again or unload the disc, the unit will clear the stopped point.

About file browser



Notes:

- The thumbnail list is displayed when the FUJICOLOR CD or the Kodak Picture CD are played. To display the file browser, press **TOP MENU**.
- In the case of a CD containing a mixture of MP3, WMA, JPEG and DivX® files, the files are played back by selecting them from the file browser.
- MP3 or WMA file on the Kodak Picture CD is not recognized on this unit.

Notes:

- During MP3/WMA/JPEG/DivX®-Playback, you cannot use JUMP, A-B Repeat functions.
- You can use Repeat (Track or All), Random functions and Program playback for MP3/WMA/JPEG/DivX® CD Playback **[56]**, **[57]**.
- In the case of a CD containing a mixture of MP3, WMA, JPEG and DivX® files, the files are played back by selecting them from the file browser.

Select Files

The file type to make it display in the file browser can be chosen.

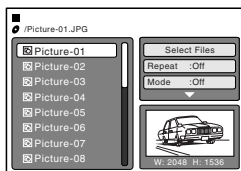
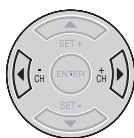
1. Press **◀** or **▶** to highlight "Select Files" at right column in the file browser.
2. Press **ENTER**, then press **▲** or **▼** to select file type from the list (Audio, Picture or Video).
3. Press **ENTER** to add/remove check mark. Checked file type will be displayed in the file browser.
4. Press **RETURN** to save the setting.

MP3/WMA/JPEG/DivX® and Audio CD operation (Continued)

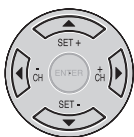
CD JPEG CD playback

1 Place a disc on which JPEG files have been recorded onto the tray.

2 A file browser screen will appear on the screen.



3 Press ▲/▼ to select the file. To display a thumbnail list, press **DVD MENU**. Press ◀/▶ or ▲/▼ to select the desired file. (To return to a file browser, press **TOP MENU**.)

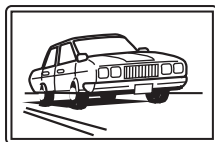


DVD MENU TOP MENU



- When **PLAY** has been pressed after displaying the file browser, or when the disc tray has been closed after pressing **PLAY**, playback begins automatically starting from the first file. In this case, if the first file is a JPEG/DivX® file, the first JPEG/DivX® file is played back. If the first file is an MP3/WMA file, only MP3/WMA files are played back in order.

4 Press **ENTER** or **PLAY**. The selected picture appears on the screen.



Rotating an image

You can rotate an image by 90 degrees by pressing **ANGLE** during playback of the image.

“↺”, “↻”, “↻” or “↻” appears on the screen.

5 Press **STOP** to end playback.



The file browser appears on the screen. If you want to watch the other file, repeat steps 3 ~ 4.

CD Slide show playback

The slide show enables you to view pictures (files) one after another automatically.

Preparation:

Set “JPEG Interval” setting to “5 Seconds”, “10 Seconds” or “15 Seconds” [61].

1 Select your desired starting file for the slide show in the step 3 as left.

2 Press **ENTER** to start slide show from the selected file.



- If you press **PAUSE** during the slide show, the slide show stops temporary. “II” appears briefly on the picture.

If the picture appears upside down or sideways, press **ANGLE** repeatedly until it's right side up.

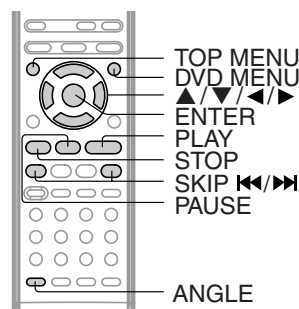
“↺”, “↻”, “↻” or “↻” appears on the screen.

Press **PLAY** or **SKIP** again to resume the slide show.

- When the slide show playback finished the file list appears.
- To stop the slide show, press **STOP**. The file list appears.

Note:

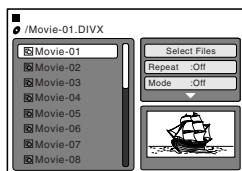
Zoom function also can be used in viewing JPEG files. See “Zooming” [45].



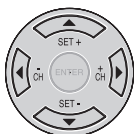
CD DivX® CD playback

1 Place a disc on which DivX® files have been recorded onto the tray.

2 A file browser screen will appear on the screen.



3 Press ▲/▼ to select file.
To display a thumbnail list, press **DVD MENU**.
Press ◀/▶ or ▲/▼ to select the desired file.
(To return to a file browser, press **TOP MENU**.)



DVD MENU TOP MENU

- When **PLAY** has been pressed after displaying the file browser, or when the disc tray has been closed after pressing **PLAY**, playback begins automatically starting from the first file. In this case, if the first file is a JPEG/DivX® file, the first JPEG/DivX® file is played back. If the first file is an MP3/WMA file, only MP3/WMA files are played back in order.

4 Press **ENTER** or **PLAY**. The selected DivX® movie will be played back on the screen.



5 Press **STOP** to end playback.
The file browser appears on the screen. If you want to watch the other file, repeat steps 3 ~ 4.



CD Playing DivX® VOD content

DivX® VOD content is protected by DRM (Digital Rights Management) system. This restricts playback of content to specific, registered devices.

If the incorrect DRM file is loaded, "Authorization Error This player is not authorized to play this video." will appear on the screen.

When you attempt to play DivX® VOD, the number of plays is limited and the right message will appear on the screen. If you wish to play it, select "YES".

View DivX(R) VOD Rental
This Rental has 5 views left.
Do you want to use one
of your 5 views now?

Yes

No

- If the number of plays goes over the limit, then "Rental Expired" will be displayed, in this case the file will not be played.

Note:

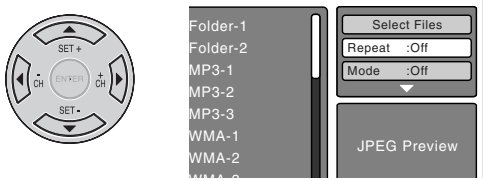
In order to play DivX® VOD content on this unit, you first need to register the unit with registration code. See page 63.

Advanced playback (DVD)

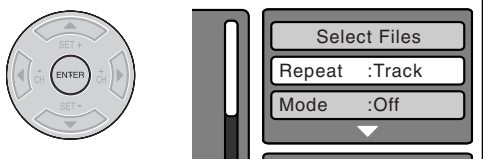
Repeat and program playback using file browser

CD Repeat playback

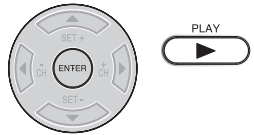
1 In the file browser, press ◀/▶ or ▲/▼ to select "Repeat".



2 Press ENTER to select "Track" or "All".



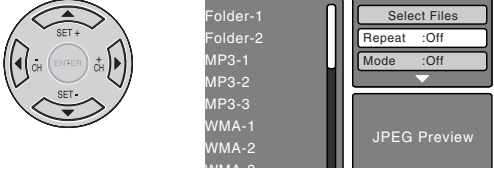
3 Press ENTER or PLAY.



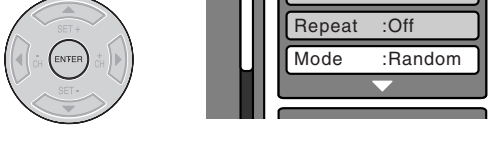
■ To resume normal playback
Select Repeat : "Off" in step 2.

CD Random playback


1 In the file browser, press ◀/▶ or ▲/▼ to select "Mode".



2 Press ENTER to select "Random".



3 Press ENTER or PLAY.



■ To resume normal playback
Select Repeat : "Off" in step 2.

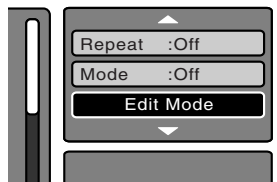
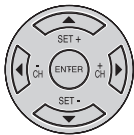
Please Wait



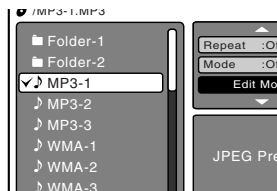
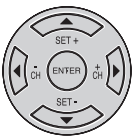
Please Wait

CD Program playback

- 1** In the file browser, press ◀/▶ or ▲/▼ to select “Edit Mode”, then press ENTER.

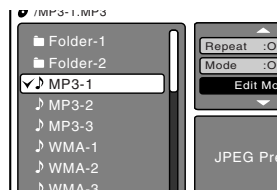
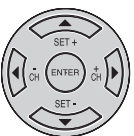


- 2** Press ◀/▶ or ▲/▼ to select file to add to program list.



Press **ENTER**. Selected file was marked.

- 3** Press ◀/▶ or ▲/▼ to select “Add To Program”. Then press ENTER. All marked files are added into program list.



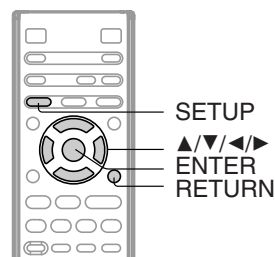
- 4** Press ◀/▶ or ▲/▼ to select “Program View”, then press ENTER. file list shows only programmed files. Press **PLAY**. Playback starts in order added to the program list by you.

To remove file from program list

In the Edit Mode, switch to Program View. Select file you want to remove, then press **ENTER**. Select “Clear Program” and press **ENTER**. Marked file is removed from program list.

Customizing the function settings

You can change the default settings to customize performance to your preference.

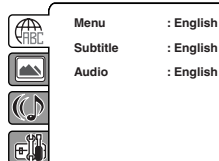


Setting procedure

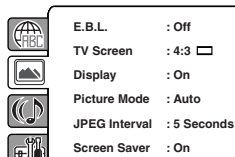
1 Press SETUP during stop mode.

VCR MENU
SETUP

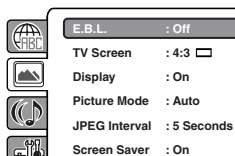
The following on-screen display appears.



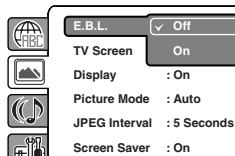
2 Press ▲ or ▼ to select the desired section, then press ◀ or ▶.



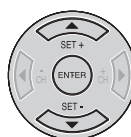
3 First option will be highlighted. Press ▲ or ▼ to select the desired option.



4 Then press ▶ or ENTER. The selectable settings will appear.



5 Change the selection using ▲ or ▼, by referring to the corresponding pages 57 ~ 63. Press ENTER to save the setting.



- Repeat steps 3 and 5 to change other option.
- To select another section, go back to step 2 by pressing ◀ repeatedly.

6 To make SETUP screen disappear, press SETUP or RETURN.

VCR MENU
SETUP






RETURN





Setting details

Section	Option	Details	Page
	Menu Subtitle Audio	To select the language of "Menu", "Subtitle" and "Audio" if more than one language are available on the disc.	60
	E.B.L.	To select On or Off for E.B.L. (Enhanced Black Level).	60
	TV Screen	To select a picture size according to the aspect ratio of your TV.	
	Display	To turn on or de-activate the operational status display on the screen.	61
	Picture Mode	To select a preferred picture mode from "Video", "Film" or "Auto".	
	JPEG Interval	To select a preferred setting for the slide show playback.	
	Screen Saver	To select On or Off for Screen Saver function.	
	DRC	To select On or Off for DRC (Dynamic Range Control).	62
	QSound	To select On or Off for QSound.	
	Parental	To select a preferred parental level for the parental setting.	62
	Set Password	Input 4-digit password to set the parental level.	
	Output	To select a preferred video output signal from "Progressive" or "Interlace".	63
	DivX(R) VOD	To display your 8 digit registration code.	

Function setup (DVD)

Customizing the function settings (Continued)

Setting details



Menu	: English
Subtitle	: English
Audio	: English

■ Menu, Subtitle, Audio

You can select the language of “Menu”, “Subtitle” and “Audio” if more than one languages are recorded onto the disc.

English, Francais, Espanol:

The selected language will be heard or seen.

Other:

Other language can be selected (see the “Language code list” [65](#)).

Original: (Audio)

The unit will select the first priority language of each disc.

Off: (Subtitle)

Subtitles do not appear.

Notes:

- If the selected language is not recorded on the disc, the first-priority language is selected.
- If you want to change the OSD language, you can perform it by TV MENU [23](#).



E.B.L.	: Off
TV Screen	: 4:3 <input type="checkbox"/>
Display	: On
Picture Mode	: Auto
JPEG Interval	: 5 Seconds
Screen Saver	: On

■ E.B.L.

To select the black level of playback pictures, set your preference and monitor's ability.

Off: Standard grey scale (7.5 IRE cut off)

On: Enhanced grey scale (0 IRE cut off)

■ TV Screen

You have the following screen sizes to choose from:

4:3 ☐ (Letter box):

Select this mode when connecting to a conventional TV. When playing back a wide screen-DVD disc, it displays the wide picture with black bands at the top and bottom of screen.

4:3 ☐ (Pan scan):

It displays the wide picture on the whole screen with left and right edges automatically cut off.

16:9 ☐ (Wide):

Select this mode when connecting to a wide-screen TV. A wide screen picture is displayed full size.

Press **OPEN/CLOSE** to view in the selected screen size.

Note:

If the DVD disc is not formatted in the pan & scan style, it displays 4:3 style.

■ Display

On screen display can be switched on or off when you press the buttons.

- Off:** On screen displays do not appear when you press any buttons.
- On:** On screen displays appear when you press the buttons (factory setting).

■ Picture Mode

There are two types of source content in pictures recorded in DVD video discs: film content (pictures recorded from films at 24 frames per second) and video content (video signals recorded at 30 frames per second). Make this selection according to the type of content being viewed.

- Auto:** Select this position normally. The DVD player automatically detects source content, film or video, of playback source, and converts that signal in the progressive output format in an appropriate method.
- Film:** The DVD player converts film content pictures in the progressive output format appropriately. Suitable for playback of film content pictures. The progressive output feature will be most effective under this selection.
- Video:** The DVD player filters video signal, and converts it in the progressive output format appropriately. Suitable for playback of video content pictures.

Note:

Depending on the disc, pictures may be cut off or doubled. In this case, select "Video".

■ JPEG Interval

You can continuously play back all JPEG files automatically.
After the setting below, start playing the disc on which JPEG files have been recorded.

- Off:**
Plays back one file at a time.

5 Seconds:
Plays back images in the form of a slide show at 5 second intervals.

10 Seconds:
Plays back images in the form of a slide show at 10 second intervals.

15 Seconds:
Plays back images in the form of a slide show in 15 second intervals.

■ Screen Saver

The screen saver operates when you leave the unit in DVD stop mode for approx. five minutes. The screen will repeatedly get dark gradually and back to normal.

- Off:**
Screen Saver function is invalidated.
- On:**
Screen Saver function is made effective.

Customizing the function settings (Continued)

Setting details



DRC : Off
QSound : On

■ DRC

DRC (Dynamic Range Control) enables you to control the dynamic range so as to achieve a suitable sound for your equipment.

Off:

It plays back at the recording level on the disc.

On:

Loud sound such as explosion or similar is toned down slightly when played back. This makes it suitable for when it is connected to a stereo.

Notes:

- This function works only during playback of Dolby Digital recorded discs.
- The level of Dynamic Range Reduction may differ depending on DVD video disc.

■ QSound

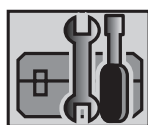
This DVD video player equipped with a "QSound". It can produce the effect of being in a cinema or a concert hall.

Off: The QSound is disengaged.

On: The QSound operates.

Notes:

- The QSound setting can also be changed with **AUDIO** on the remote control [50].
- This function works only when the disc recorded with Dolby Digital is played back.
- When this function works, the volume might feel that it changed.
- When the voice is distorted, please turn off QSound.



Parental : Off
Set Password
Output : Interlace
DivX(R) VOD

■ Parental control setting

Some discs are specified not suitable for children. Such discs can be limited not to play back with the unit.

- 1) Press **▲** or **▼** to select "Parental", then press **ENTER**. "ENTER PASSWORD" will appear.
- 2) Press "0000" using **Number buttons (0-9)**. (Please note, this is pre-setting password of this unit). Then press **ENTER**. The parental level list will appear.
 - **Level Off:** The parental control setting does not function.
 - **Level 8:** All DVD software can be played back.
 - **Level 1:** DVD software for adults cannot be played back.
- 3) Press **▲** or **▼** to select from the level 1 to level 8. The limitation will be more severe as the level number is lower.
- 4) Press **OPEN/CLOSE** to activate Parental control setting

Notes:

- Depending on the discs, the unit cannot limit playback.
- Some discs may not be encoded with specific rating level information though its disc jacket says "adult." For those discs, the age restriction will not work.
- The password is required every time when you change the parental level.
- If you input a wrong number, press **CLEAR**.

■ Set the new password

- 1) Press **▲** or **▼** to select "Set Password", then press **ENTER**. "Enter Password" will appear.
- 2) Press **Number buttons (0-9)** to input the current password (If the password has not been set yet after you purchase this unit, it is "0000").
- 3) Then press **ENTER**. "Enter New Password" will appear. Press **Number buttons (0-9)** to input the new password.
- 4) Press **ENTER**. Now your new password has been set. Be sure to remember this number!



If you forget the password...

- 1) Press **OPEN/CLOSE** to open the disc tray.
- 2) Remove the disc.
- 3) Press **OPEN/CLOSE** again to close the disc tray. "No Disc" appears on the screen.
- 4) While holding **7** down on the remote control and then press **STOP** on the front panel. "PASSWORD CLEAR" appears on the screen.
- 5) Enter a new password again.

■ Output

You can select the video output signal of the DVD video player to the TV from "Interlace" or "Progressive".

- 1) Press **▲** or **▼** to select "Output".
- 2) Press **ENTER**, then press **▲** or **▼** to select "Interlace" or "Progressive".

Interlace:

Select when connecting to a composite TV or a TV equipped with component video inputs but progressive scan is not compatible.

Progressive:

Select when connecting to a TV equipped with component video inputs, progressive scan compatible.

- 3) Press **ENTER**.

Warning:

Once "Progressive" is selected when connecting to a TV progressive scan incompatible, no image will be seen on the video display.

In this case, you must reset the unit by pressing **STOP** on the front panel for five seconds. The video output will be restored to "Interlace" setting, and a picture will once again be seen on a conventional analog display.

Notes:

- Some discs may not be played back with the progressive scanning mode correctly because of the disc characteristics or recording condition.
- Once Progressive scan on, all other video outputs are disabled except component video outputs.

■ DivX® VOD

In order to play DivX® VOD (Video On Demand) content on this unit, you first need to register the unit with your DivX® VOD content provider. You do this by generating a DivX® VOD registration code, which you submit to your provider.

Press **▲** or **▼** to select "DivX(R) VOD". Then press **ENTER**. Your 8-digit registration code is displayed. Make a note of the code as you will need it when you register with a DivX® VOD provider. Then press **ENTER**.

Function setup (DVD)

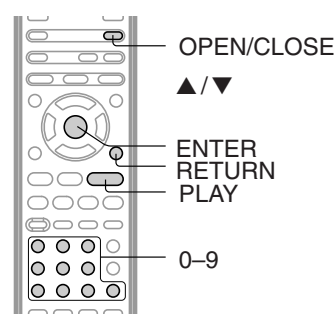
Note:

If each setup (pages 59 ~ 63) has been completed, the unit can always be worked under the same conditions (especially with DVD discs).

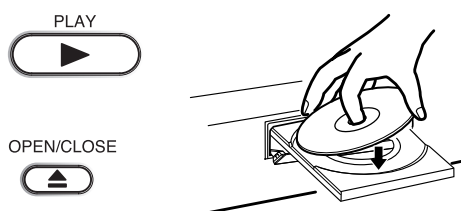
Each setup will be retained in the memory even if you turn the power off.

Temporary disabling of rating level by DVD disc

Depending on the DVD disc, the disc may try to temporarily cancel the rating level that you have set.
It is up to you to decide whether to cancel the rating level or not.



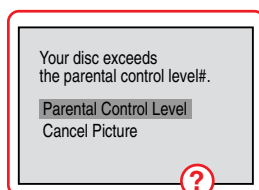
- 1 Load a DVD disc and press **PLAY** or **OPEN/CLOSE** on the unit [42].



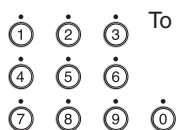
Note:

This temporary cancellation of rating level will be kept until the disc is ejected.
When the disc is ejected, the original rating level will be set again automatically.

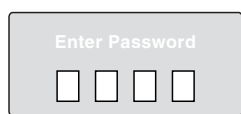
- 2 If the DVD disc has been designed to temporarily cancel the Rating level, the screen which follows the "Reading" screen will change, depending on which disc is played. If you select "YES" with the **ENTER** key, password input screen will then appear.



- 3 Enter the password with Number buttons (0-9). Then press **ENTER**.



To exit from the entry, press **RETURN**.



- 4 Playback will commence if the entered password was correct.

Language code list

Enter the appropriate code number for the initial settings "Menu", "Subtitle" and/or "Audio" [60].

Language Name Code	Language Name Code	Language Name Code	Language Name Code
Abkhazian 1112	Fiji 1620	Lingala 2224	Singhalese 2919
Afar 1111	Finnish 1619	Lithuanian 2230	Slovak 2921
Afrikaans 1116	French 1628	Macedonian 2321	Slovenian 2922
Albanian 2927	Frisian 1635	Malagasy 2317	Somali 2925
Amharic 1123	Galician 1722	Malay 2329	Spanish 1529
Arabic 1128	Georgian 2111	Malayalam 2322	Sundanese 2931
Armenian 1835	German 1415	Maltese 2330	Swahili 2933
Assamese 1129	Greek 1522	Maori 2319	Swedish 2932
Aymara 1135	Greenlandic 2122	Marathi 2328	Tagalog 3022
Azerbaijani 1136	Guarani 1724	Moldavian 2325	Tajik 3017
Bashkir 1211	Gujarati 1731	Mongolian 2324	Tamil 3011
Basque 1531	Hausa 1811	Nauru 2411	Tatar 3030
Bengali; Bangla 1224	Hebrew 1933	Nepali 2415	Telugu 3015
Bhutani 1436	Hindi 1819	Norwegian 2425	Thai 3018
Bihari 1218	Hungarian 1831	Oriya 2528	Tibetan 1225
Breton 1228	Icelandic 1929	Panjabi 2611	Tigrinya 3019
Bulgarian 1217	Indonesian 1924	Pashto, Pushto 2629	Tonga 3025
Burmese 2335	Interlingua 1911	Persian 1611	Turkish 3028
Byelorussian 1215	Irish 1711	Polish 2622	Turkmen 3021
Cambodian 2123	Italian 1930	Portuguese 2630	Twi 3033
Catalan 1311	Japanese 2011	Quechua 2731	Ukrainian 3121
Chinese 3618	Javanese 2033	Rhaeto-Romance 2823	Urdu 3128
Corsican 1325	Kannada 2124	Romanian 2825	Uzbek 3136
Croatian 1828	Kashmiri 2129	Russian 2831	Vietnamese 3219
Czech 1329	Kazakh 2121	Samoan 2923	Volapük 3225
Danish 1411	Kirghiz 2135	Sanskrit 2911	Welsh 1335
Dutch 2422	Korean 2125	Scots Gaelic 1714	Wolof 3325
English 1524	Kurdish 2131	Serbian 2928	Xhosa 3418
Esperanto 1525	Laothian 2225	Serbo-Croatian 2918	Yiddish 2019
Estonian 1530	Latin 2211	Shona 2924	Yoruba 3525
Faroese 1625	Latvian, Lettish 2232	Sindhi 2914	Zulu 3631

Troubleshooting

Before calling a service technician, please check the following table for a possible cause of the symptoms and some solutions.

Symptoms	Solutions	Page
DVD/VCR		
DVD/VCR does not operate.	<ul style="list-style-type: none"> • Make sure the power cord is plugged in. • Try another AC outlet. • Unplug unit, then plug it back in. • Select the DVD or VCR mode before operating. 	5 – 5 30,42
No picture.	<ul style="list-style-type: none"> • Antenna connection is not correct or antenna cable is disconnected. • The video channel is not in the correct position or the TV is not set to the video channel 3 or 4. • Check the unit is connected correctly. • The video input selector of the TV is not set to VIDEO. Set to VIDEO (or equivalent). • Channel is set to the external mode. 	14~17 22 14~19 – –
No sound.	<ul style="list-style-type: none"> • Check the unit is connected correctly. • Check the input selector of the amplifier is set properly. • The unit is in the Special playback mode. 	14~19 – 31,44
The remote control does not function.	<ul style="list-style-type: none"> • Aim the remote control at the remote sensor. • Operate within Approx. 7 Meters or reduce the light in the room. • Clear the path of the beam. • The batteries are weak. Replace the batteries. • Check the batteries are inserted correctly. 	13
No Cable TV reception.	<ul style="list-style-type: none"> • Check all Cable TV connections. • Station or Cable TV system problems, try another station. 	16,17
VCR		
TV recording does not work.	<ul style="list-style-type: none"> • The erase prevention tab of the video cassette is broken off. • The unit is in the external input mode. 	29,34
Timer recording does not work.	<ul style="list-style-type: none"> • The time is not set correctly. • The recording start/end time is not set correctly. • The TIMER REC has not been pressed (⏻ is not lit). 	24 37 37
Noise bars on screen.	<ul style="list-style-type: none"> • Tracking adjustment beyond range of automatic tracking circuit. Try Manual tracking adjustment. • Video heads are dirty. • The tape is worn or damaged. 	31 31 –
DVD		
Display is not shown in your language.	<ul style="list-style-type: none"> • Select proper language in the menu options. 	60
Playback doesn't start.	<ul style="list-style-type: none"> • No disc is inserted. • The disc may be dirty. Clean up the disc. • The unit cannot play DVD-ROMs, etc. 	42 7 8
Stopping playback, slow-motion play, repeat play, or memory play, etc. cannot be performed.	<ul style="list-style-type: none"> • Some discs may not do some of the functions. 	–
No picture, or the screen is blurred or divided into two parts.	<ul style="list-style-type: none"> • The PROGRESSIVE scan is "On" although the unit is connected to a TV via the VIDEO OUT or the S-VIDEO OUT jack. 	63
No 4:3 (16:9) picture.	<ul style="list-style-type: none"> • The setup does not match your TV. 	60
No on-screen display.	<ul style="list-style-type: none"> • Select Display "On". 	61
No surround sound.	<ul style="list-style-type: none"> • The setup does not match your stereo system. 	20
The unit or remote operation key is not functioning.	<ul style="list-style-type: none"> • Turn off the unit and unplug the AC power cord for several minutes, then replug it. 	–
Playback does not start when the title is selected.	<ul style="list-style-type: none"> • Check the Parental setup. 	62,64
Audio soundtrack and/or subtitle language is not changed when you play back a DVD.	<ul style="list-style-type: none"> • Multilingual language is not recorded on the DVD disc. 	50,51
No subtitle.	<ul style="list-style-type: none"> • Some discs have no subtitles. • Subtitles are cleared. Press SUBTITLE. 	51
Angle cannot be changed.	<ul style="list-style-type: none"> • Multi-angles are not recorded on the DVD disc. 	49
"X" appears on the screen.	<ul style="list-style-type: none"> • The function is prohibited with the unit or the disc. 	44



Specifications

General

Power supply	AC 120 V 60 Hz
Power consumption	Operation: 18 W, Stand by: 2 W
Weight	7.7 lbs (3.5 kg)
Dimensions	Width: 16-15/16 inches (430.6 mm) Height: 3-9/16 inches (89.7 mm) Depth: 9 inches (228.7 mm)
Tuner	181 channel freq. synthesized VHF 2-13 UHF 14-69 Cable TV 113 Channels
Antenna input/output	UHF/VHF In/Out: 75 Ω coaxial
RF channel output	Channel 3 or 4, Switchable
Color system	NTSC
Video head	4 Rotary heads
Audio track	Hi-Fi sound - 2 Tracks / MONO sound - 1 Track
Hi-Fi frequency response	20 Hz to 20,000 Hz
Hi-Fi dynamic range	More than 90dB
FF/REW time at 25°C (77°F)	Approx. 1 minute and 48 seconds (with T-120 Cassette Tape)
Applicable disc	DVD (12 cm, 8 cm), CD (12 cm, 8 cm)
Frequency range	DVD: 4 Hz-22 kHz, CD: 4 Hz-20 kHz
S/N ratio	85dB (DVD)
Harmonic distortion	0.06% (DVD)
Wow and flutter	Less than 0.01% Wrms
Operating conditions	Temperature: 5°C-40°C (41°F-104°F), Operating status: Horizontal

Input/Output

DVD/VCR	
Video input	1.0 V (p-p), 75 Ω , negative sync., pin jack x 2
Video output	1.0 V (p-p), 75 Ω , negative sync., pin jack x 1
Audio input	-8 dBm, 50 k Ω , negative sync., pin jack (L/R) x 2
Audio output	-8 dBm, 1 k Ω , negative sync., pin jack (L/R) x 1
DVD	
S-video output	(Y) 1.0 V (p-p), 75 Ω , negative sync., Mini DIN 4-pin x 1 (C) 0.286 V (p-p), 75 Ω
Component video output	(Y) 1.0 V (p-p), 75 Ω , negative sync., pin jack x 1 (P _B)/(P _R) 0.7 V (p-p), 75 Ω , pin jack x 2
Audio output (COAXIAL DIGITAL)	0.5 V (p-p), 75 Ω , pin jack x 1
Audio output (ANALOG)	-12 dBm, 1 k Ω , pin jacks (L, R) x 1

Supplied accessories

Audio/video cable	1
Remote control (SE-R0220)	1
Batteries (R03/AAA)	2
75 Ω coaxial cable	1

- This model complies with the above specifications.
- Designs and specifications are subject to change without notice.
- This model may not be compatible with features and/or specifications that may be added in the future.

Others

Limited warranty

Limited United States Warranty

DVD/VCR Combinations - Exchange Warranty

Toshiba America Consumer Products, L.L.C. ("TACP") makes the following limited warranties to original consumers in the United States. **THESE LIMITED WARRANTIES EXTEND TO THE ORIGINAL CONSUMER PURCHASER OR ANY PERSON RECEIVING THIS DVD/VCR COMBINATION AS A GIFT FROM THE ORIGINAL CONSUMER PURCHASER AND TO NO OTHER PURCHASER OR TRANSFEREE.**

PRODUCTS PURCHASED IN THE U.S.A. AND USED ANYWHERE OUTSIDE OF THE U.S.A., INCLUDING, WITHOUT LIMITATION, CANADA AND MEXICO, ARE NOT COVERED BY THESE WARRANTIES.

PRODUCTS PURCHASED ANYWHERE OUTSIDE OF THE U.S.A., INCLUDING, WITHOUT LIMITATION, CANADA AND MEXICO, AND USED IN THE U.S.A., ARE NOT COVERED BY THESE WARRANTIES.

Limited Ninety (90) Day Warranty

TACP warrants this DVD/VCR Combination and its parts against defects in materials or workmanship for period of ninety (90) days after the date of original retail purchase. **DURING THE FIRST NINETY (90) DAYS AFTER THE DATE OF ORIGINAL RETAIL PURCHASE, TACP WILL EXCHANGE A DEFECTIVE DVD/VCR COMBINATION WITH A NEW OR REFURBISHED DVD/VCR COMBINATION WITHOUT CHARGE TO YOU. YOU MUST CONTACT TACP'S CONSUMER SOLUTIONS CENTER FOR INSTRUCTIONS ON HOW TO PROCESS YOUR WARRANTY EXCHANGE REQUEST. THE CONSUMER IS RESPONSIBLE FOR ALL INBOUND TRANSPORTATION AND INSURANCE CHARGES FOR THE DVD/VCR COMBINATION TO THE EXCHANGE CENTER. DURING THE PERIOD THAT COMMENCES ON THE DATE THAT IS NINETY ONE (91) DAYS AFTER THE DATE OF ORIGINAL RETAIL PURCHASE AND BEYOND, TACP WILL EXCHANGE A DEFECTIVE DVD/VCR COMBINATION WITH A NEW OR REFURBISHED DVD/VCR COMBINATION FOR A NOMINAL FEE. YOU MUST CONTACT TACP'S CONSUMER SOLUTIONS CENTER FOR INSTRUCTIONS ON HOW TO PROCESS YOUR EXCHANGE REQUEST. THE CONSUMER IS RESPONSIBLE FOR ALL INBOUND TRANSPORTATION AND INSURANCE CHARGES FOR THE DVD/VCR COMBINATION TO THE EXCHANGE CENTER.**

* Rental Units

The warranty for rental units begins with the first rental or thirty (30) days after the date of shipment to the rental firm, whichever comes first.

* Commercial Units

DVD/VDR Combinations sold and used for commercial purposes have a limited ninety (90) day warranty for all parts and labor.

Owner's Manual and Product Registration Card

Read this owner's manual thoroughly before operating this DVD/VCR Combination. Complete and mail the enclosed product registration card or register your product on-line at www.tacp.toshiba.com/service as soon as possible. By registering your DVD/VCR Combination you will enable TACP to bring you new products specifically designed to meet your needs and help us to contact you in the unlikely event that a safety notification is required under the Consumer Product Safety Act. Failure to complete and return the product registration card does not diminish your warranty rights.

Your Responsibility

THE ABOVE WARRANTIES ARE SUBJECT TO THE FOLLOWING CONDITIONS:

- (1) You must retain your bill of sale or provide other proof of purchase.
- (2) All warranty servicing of this product must be made by an Authorized TACP Service Station.
- (3) The warranties from TACP are effective only if the product is purchased and operated in the Continental U.S.A. or Puerto Rico.
- (4) Labor service charges for set installation, setup, adjustment of customer controls and installation or repair of antenna systems are not covered by this warranty. Reception problems caused by inadequate antenna systems are your responsibility.
- (5) Warranties extend only to defects in materials or workmanship as limited above, and do not extend to any DVD/VCR Combination or parts that have been lost or discarded by you or to damage to the DVD/VCR Combination or parts caused by fires, misuse, accident, Acts of God (such as lightning or fluctuations in electric power), improper installation, improper maintenance, or use in violation of instructions furnished by TACP; use or malfunction through simultaneous use of this product and connected equipment; or to units that have been modified or had the serial number removed, altered, defaced, or rendered illegible.



How to Obtain Warranty Services

If, after following all of the operating instructions in this manual and checking the section "Troubleshooting," you find that service is needed:

- (1) For instructions on how to obtain warranty service for exchange program DVD/VCR Combinations, contact TACP's Call Center toll free at 1-866-583-7353.
- (2) You must include the original bill of sale (or a copy of the original bill of sale) or other proof of purchase along with the entire DVD/VCR Combination when sending the DVD/VCR Combination to the Authorized TACP Service Station specified by TACP's Call Center. You must pay for all transportation and insurance charges for the DVD/VCR Combination to and from the Authorized TACP Service Station.

For additional information, visit TACP's website:
www.tacp.toshiba.com

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Others



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Others



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