TOSHIBA

DVD/CD PLAYER

SD-5980SU

OWNER'S MANUAL

© 2005 Toshiba Corporation
Before operating the unit, please read this manual thoroughly.

SAFETY PRECAUTIONS

CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE. DANGEROUS HIGH VOLTAGES ARE PRESENT INSIDE THE ENCLOSURE. DO NOT OPEN THE CABINET. REFER SERVICING TO QUALIFIED PERSONNEL ONLY.

FCC NOTICE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rule. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

WARNING: Changes or modifications made to this equipment, not expressly approved by Toshiba, or parties authorized by Toshiba, could void the user's authority to operate the equipment.

CAUTION: Servicing instructions are for use by qualified service personnel only. To reduce the risk of electric shock do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.

**CAUTION:** THIS DIGITAL VIDEO PLAYER EMPLOYS A LASER SYSTEM.

TO ENSURE PROPER USE OF THIS PRODUCT, PLEASE READ THIS USER'S GUIDE CAREFULLY AND RETAIN FOR FUTURE REFERENCE. SHOULD THE UNIT REQUIRE MAINTENANCE, CONTACT AN AUTHORIZED SERVICE LOCATION.

USE OF CONTROLS, ADJUSTMENTS OR THE PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

TO PREVENT DIRECT EXPOSURE TO LASER BEAM, DO NOT TRY TO OPEN THE ENCLOSURE. VISIBLE LASER RADIATION MAY BE PRESENT WHEN THE ENCLOSURE IS OPENED. DO NOT STARE INTO BEAM.

Location of the required Marking
The rating sheet and the safety caution are on the rear of the unit.

CERTIFICATION: COMPLIES WITH FDA RADIATION PERFORMANCE STANDARDS, 21 CFR SUBCHAPTER J.
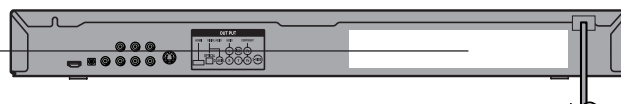
In the spaces provided below, record the Model and Serial No. located on the rear panel of your DVD video player.

Model No. _____   Serial No. _____

Retain this information for future reference.

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IMPORTANT SAFEGUARDS

CAUTION: **PLEASE READ AND OBSERVE ALL WARNINGS AND INSTRUCTIONS PROVIDED IN THIS OWNER'S MANUAL AND THOSE MARKED ON THE UNIT. RETAIN THIS BOOKLET FOR FUTURE REFERENCE.**

This set has been designed and manufactured to assure personal safety. Improper use can result in electric shock or fire hazard. The safeguards incorporated in this unit will protect you if you observe the following procedures for installation, use and servicing. This unit is fully transistorized and does not contain any parts that can be repaired by the user.
DO NOT REMOVE THE CABINET COVER, OR YOU MAY BE EXPOSED TO DANGEROUS VOLTAGE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL ONLY.

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
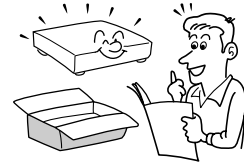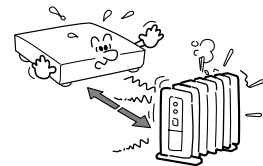
5. Do not use this apparatus near water.
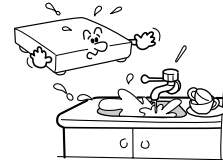
6. Clean only with dry cloth.

7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.

8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

3
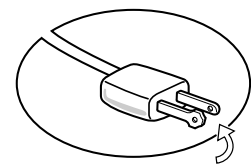
IMPORTANT SAFEGUARDS

10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

11. Only use attachments/accessories specified by the manufacturer.

12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

13. Unplug this apparatus during lightning storms or when unused for long periods of time.

14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
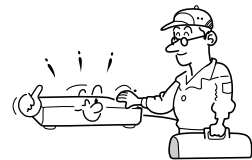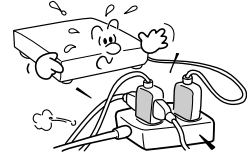
15. When you use headphones on the amplifier, keep the volume at a moderate level. If you use the headphones continuously with high volume sound, it may cause hearing damage.

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16. Do not overload wall outlets; extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.

17. Never insert objects of any kind into this apparatus through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the apparatus.

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

19. Do not place a heavy object on or step on the apparatus. The object may fall, causing serious personal injury and serious damage to the apparatus.
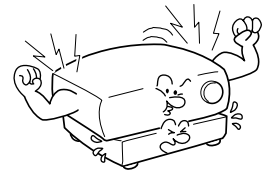
20. Do not use a cracked, deformed, or repaired disc. These discs are easily broken and may cause serious personal injury and apparatus malfunction.

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Precautions

Notes on handling

- When shipping the DVD video player, the original shipping carton and packing materials come in handy. For maximum protection, repack the unit as it was originally packed at the factory.
- Do not use volatile liquids, such as insect spray, near the DVD video player. Do not leave rubber or plastic products to contact the DVD video player for prolonged period. They will leave marks on the finish.
- The top and rear panels of the DVD video player may become warm after a long period of use. This is not a malfunction.
- When the DVD video player is not in use, be sure to remove the disc and turn off the power.
- If you do not use the DVD video player for a long period, the unit may not function properly in the future. Turn on and use the DVD video player occasionally.

Notes on locating

- Place the DVD video player on a level surface. Do not use it on a shaky or unstable surface such as a wobbling table or inclined stand. The loaded disc may become disaligned and damage the DVD video player.
- When you place this DVD video player near a TV, radio, or VCR, the playback picture may become poor and the sound may be distorted. In this case, place the DVD video player away from the TV, radio, or VCR.

Notes on cleaning

Use a soft, dry cloth for cleaning.
- Use a dry cloth to wipe it dry.
  Do not use any type of solvent, such as thinner and benzine, as they may damage the surface of the DVD video player.
- If you use a chemical saturated cloth to clean the unit, follow that product's instructions.
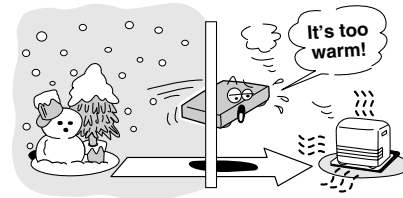
Notes on moisture condensation

Moisture condensation damages the DVD video player. Please read the following carefully.

Moisture condensation occurs, for example, when you pour a cold drink into a glass on a warm day. Drops of water form on the outside of the glass. In the same way, moisture may condense on the optical pick-up lens inside this unit, one of the most crucial internal parts of the DVD video player.

Example of moisture condensation!

Optical pick-up lens
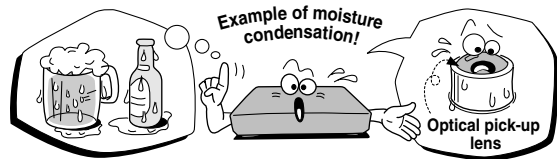
Moisture condensation occurs during the following cases.

- When you bring the DVD video player directly from a cold place to a warm place.
- When you use the DVD video player in a room where you just turned on the heater, or a place where the cold wind from the air conditioner directly hits the unit.
- In summer, when you use the DVD video player in a hot and humid place just after you move the unit from an air conditioned room.
- When you use the DVD video player in a humid place.

It's too warm!

- **Do not use the DVD video player when moisture condensation may occur.**

If you use the DVD video player in such a situation, it may damage discs and internal parts. Remove the disc, connect the power cord of the DVD video player to the wall outlet, turn on the DVD video player, and leave it for two or three hours. After two or three hours, the DVD video player will have warmed up and evaporated any moisture. Keep the DVD video player connected to the wall outlet and moisture condensation will seldom occur.
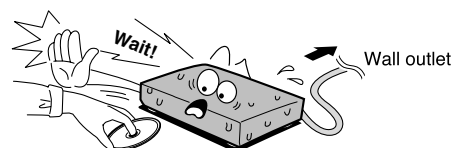

Wait!

Wall outlet

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Table of contents

Notes and Information

On handling discs

● Do not touch the playback side of the disc.

Playback side
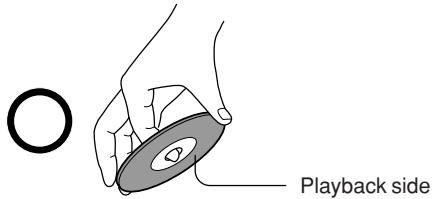
● Do not attach paper or tape to discs.

On cleaning discs

● Fingerprints and dust on the disc cause picture and sound deterioration. Wipe the disc from the center outwards with a soft cloth. Always keep the disc clean.
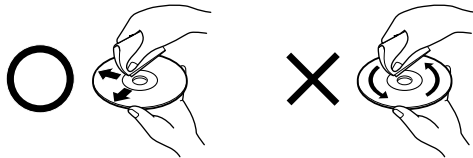
● Do not use any type of solvent such as thinner, benzine, commercially available cleaners or antistatic spray for vinyl LPs. It may damage the disc.

On storing discs

● Do not store discs in a place subject to direct sunlight or near heat sources.
● Do not store discs in places subject to moisture and dust such as a bathroom or near a humidifier.
● Store discs vertically in a case. Stacking or placing objects on discs outside of their case may cause warping.

Structure of disc contents

Normally, DVD video discs are divided into titles, and the titles are sub-divided into chapters. Video CDs and Audio CDs are divided into tracks.

DVD video disc

DVD video disc

Title 1   Title 2

Chapter 1 | Chapter 2 | Chapter 1 | Chapter 2 | Chapter 3

Video CD/Audio CD

Video CD/Audio CD

Track 1 | Track 2 | Track 3 | Track 4 | Track 5
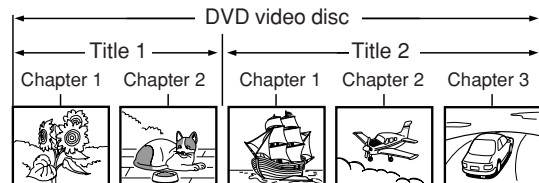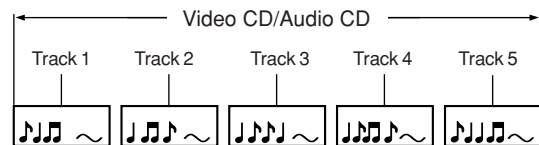
Each title, chapter or track is assigned a number, which is called "title number", "chapter number" or "track number" respectively.
There may be discs that do not have these numbers.

Notes on copyright

The unauthorized recording, use, distribution, or revision of copyrighted materials including, without limitation, television programs, videotapes, and DVDs, is prohibited under the copyright laws, and may subject you to civil and criminal liability.

This product incorporates copyright protection technology that is protected by method claims of certain U.S. patents and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of this copyright protection technology must be authorized by Macrovision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision Corporation. Reverse engineering or disassembly is prohibited.

Consumers should note that not all high definition television sets are fully compatible with this product and may cause artifacts to be displayed in the picture. In case of 525 progressive scan picture problems, it is recommended that the user switch the connection to the "STANDARD DEFINITION" output. If there are questions regarding our TV set compatibility with this model 525p DVD player, please contact our customer service center.

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Notes and Information (continued)

About this owner's manual

This owner's manual explains the basic instructions of this DVD video player. Some DVD video discs are produced in a manner that allows specific or limited operation during playback. As such, the DVD may not respond to all operating commands. This is not a defect in the DVD. Refer to instruction notes of discs.

" 🖐 " may appear on the TV screen during operation. A " 🖐 " means that the operation is not permitted by the DVD or the disc.
For example, sometimes it is unable to stop the playback of copyright message of the disc when the STOP (■) button is pressed. Alternatively, the " 🖐 " may also indicate that the feature is not available for the disc.

Notes on region numbers

The region number of this DVD is 1. If region numbers, which stand for their playable area, are printed on your DVD video disc and you do not find 🌐 or 🌐 , disc playback will not be allowed by the player. (In this case, the DVD will display a message on-screen.)

On Video CDs

This DVD supports Video CDs equipped with the PBC (Version 2.0) function. (PBC is the abbreviation of Playback Control.) You can enjoy two playback variations depending on types of discs.

- **Video CD not equipped with PBC function (Version 1.1)**
  Sound and movie can be played on this unit in the same way as an audio CD.
- **Video CD equipped with PBC function (Version 2.0)**
  In addition to operation of a Video CD not equipped with the PBC function, you can enjoy playback of interactive software with search function by using the menu displayed on the TV screen (Menu Playback). Some of the functions described in this owner's manual may not work with some discs.

Playable discs

This DVD video player can play the following discs.

	Disc Mark	Contents	Disc Size	Maximum playback time
DVD video discs	DVD VIDEO / DVD VIDEO	Audio + Video (moving pictures)	12 cm	Approx. 4 hours (single sided disc)
				Approx. 8 hours (double sided disc)
			8 cm	Approx. 80 minutes (single sided disc)
				Approx. 160 minutes (double sided disc)
Video CDs	COMPACT disc DIGITAL VIDEO	Audio + Video (moving pictures)	12 cm	Approx. 74 minutes
			8 cm	Approx. 20 minutes
Audio CDs	COMPACT disc DIGITAL AUDIO	Audio	12 cm	Approx. 74 minutes
			8 cm (CD single)	Approx. 20 minutes

The following discs are also available.
- DVD-R/RW discs of DVD video format
- CD-R/CD-RW discs of CD-DA, Video CD, SVCD, MP3, WMA or JPEG format
- Kodak Picture CD and FUJICOLOR CD format
Some of these discs may be incompatible.

- You cannot play discs other than those listed above.
- You cannot play discs of DVD-RAM, DVD-ROM, Photo CD, etc., or non standardized discs even if they may be labeled as above.
- Some CD-R/RWs cannot be played back depending on the recording conditions.
- This unit uses the NTSC color system, and cannot play DVD video discs recorded in any other color system (PAL, SECAM, etc.).

Because of problems and errors that can occur during the creation of DVD software and/or the manufacture of DVD discs, Toshiba cannot guarantee that this player will play every feature of every DVD bearing the DVD logo. As one of the creators of DVD technology, Toshiba DVD players are manufactured using the highest standards of quality, and as a result, such incompatibilities are rare. If you happen to experience any difficulty playing a DVD on a Toshiba DVD player, please feel free to call our Contact listed in "How to Obtain Warranty Services" (see page 45).

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Notes and Information (continued)

Playable Media cards

This unit can play the following cards.

	Card Mark	Contents	Playable card capacity
SD (Secure Digital™) memory card	SD Secure Digital	MP3/ WMA/ JPEG files	32 MB – 1 GB
MMC (MultiMediaCard™)	MMC		8 MB – 1 GB
xD-Picture card	xD xD-Picture Card™		16 MB – 512 MB
Memory Stick™	MEMORY STICK		16 MB – 128 MB
Memory Stick™ (Pro)			128 MB – 2 GB
CompactFlash® memory card (Type 1)	CF		8 MB – 4 GB

- Do not insert any cards other than those listed above as this may cause a malfunction of the unit or cards.
- Some Media cards may not be played back due to its capacity and/or manufacturer, etc.

Notes on Media cards

- Ensure that you insert the Media card correctly into the media card slot.
- Never remove the Media card or turn off the unit while using the Media card. Doing so may result in loss of data or damage to the Media card or the unit. SUCH DAMAGE IS NOT COVERED BY YOUR TOSHIBA WARRANTY.
- It is recommended that you back up your Media card data. Toshiba is not liable for any damage caused by the use of any Media card with this unit. Toshiba will not compensate for any lost data or recording(s) caused by the use of such cards.
- Media card is a precision electrical instrument. Do not bend, drop or apply strong force to it.
- Do not use or store the Media card in an environment of high static electricity or electrical interference.
- Avoid using or storing in areas of high temperature and humidity.
- Prevent contact of the metallic area on the Media card with dust, dirt, or other foreign particles. Do not touch the metallic area of the Media card with your hands or otherwise handle it with anything other than a soft, dry, lint-free, antistatic cloth.
- Use index labels made exclusively for your specific brand of Media card. Do not use commercially sold labels, which can cause a malfunction when the card is inserted or ejected.
- When ejecting the Media card after extended use it may feel warm to the touch. This is normal. The Media card is not malfunctioning.
- For instructions on using your Media card, refer to the owner's manual for your Media card.

SD (Secure Digital) memory card is a trademark of Matsushita Electric Industry, Toshiba Corporation, and SanDisk Corporation.
MMC and MultiMediaCard are trademarks of Infineon Technologies AG and lisensed to MMCA (MultiMediaCard Association).
Memory Stick is a trademark of Sony Corporation.
Toshiba is an authorized licensee of the CompactFlash® and CF logo® registered trademarks.

Identification of controls

See the page in [ ] for details.

Front panel

Power indicator [20]

I/⏻ ON/STANDBY button [20]

DVD display [12]

STOP button [20]

Media card slot [31] [32]
- SD memory card
- MMC (MultiMediaCard)
- xD-Picture card
- Memory Stick (PRO)

Remote sensor [14]

Disc tray [20]

Media card slot [31] [32]
[CompactFlash memory card]

OPEN/CLOSE button [20]

PLAY button [20]

SKIP buttons [22]

Rear panel

OPTICAL DIGITAL AUDIO OUT jack [18] [19]

VIDEO OUT jack [15]

S-VIDEO OUT jack [15]

HDMI OUT jack [17]

COMPONENT VIDEO OUT (Y/P$_B$/P$_R$) jacks [16]

AUDIO OUT (L/R) jacks [15] [16]

COAXIAL DIGITAL AUDIO OUT jack [18] [19]

AC Power cord

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Identification of controls (continued)

Display

Information about the unit and the disc is shown here.

`8 1 : 0 8` There is no disc in the unit.

`0 P : E N` The disc tray is open.

DVD video disc	Video CD/Audio CD
• During playback	• During playback
`0 0 : 1 6`	`0 2 : 3 5`
The elapsed time (hh:mm) is displayed.	The elapsed time at track (mm:ss) is displayed.
• Full stop	• Full stop
`S t o P`	`7 4 : 2 8`
	The total time (mm:ss) is displayed.

`E : r r` The unit cannot read the disc, or the disc may be damaged.

The display may vary depending on the types of discs you play.

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The instructions in this manual describe the functions on the remote control. See the page in ⬜ for details.

Remote control

OPEN/CLOSE button 20

DVD button 20

*Number buttons (0-9) 23

DISPLAY button 29

*CH ⌃/⌄ buttons 41

SEARCH button 23

ZOOM button 23

TOP MENU button 27

Direction buttons (▲/▼/◀/▶) 23

CLEAR button 23

PLAY button 20

PAUSE/STEP button 21

SKIP ◀◀ button 22

SETUP button 33

MARKER button 24

ANGLE button 27

PLAYMODE button 25

A-B RPT button 25

*POWER button 20

*TV button 41

*100 button 41

*VOL +/− buttons 41

*INPUT SELECT button 41

DVD/CARD button 31

*PROGRAM button 41

MENU button 27

*ENTER button 23

RETURN button 33

REV button 22

STOP button 20

SKIP ▶▶ button 22

FF button 22

SLOW ◀ / ▶ buttons 22

HDMI button 17

AUDIO button 28

SUBTITLE button 29

MENU button
Use the MENU button to display the menu included on many DVD video discs. To operate a menu, follow the instructions in "DVD Menu." 27

*TV control buttons
The various brands of TV listed on page 41 can be operated with this remote control. There may be some TV models that cannot be operated with this remote control. If this is the case, use the original remote control supplied with the TV.

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Identification of controls (continued)

Loading batteries

1 Open the battery compartment cover in the direction of the arrow.
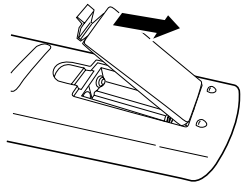
2 Install two "R03/AAA" batteries (supplied), paying attention to the polarity diagram in the battery compartment.
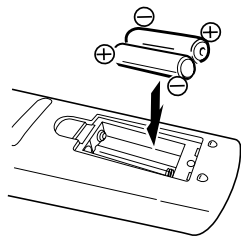
3 Replace the compartment cover.
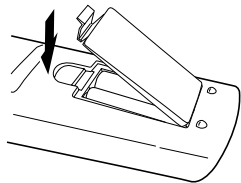
Caution:
• Never throw batteries into a fire.

Notes:
• Be sure to use AAA size batteries.
• Dispose of batteries in a designated disposal area.
• Attention should be drawn to the environmental aspects of battery disposal.
• Do not mix different battery types or combine used batteries with new ones.
• If the remote control does not operate correctly, or if the operating range becomes reduced, replace both batteries with new ones.
• If the batteries are dead or if you will not be using the remote control for a long time, remove the batteries to prevent battery acid from leaking into the battery compartment.

Operating with the remote control

Point the remote control at the remote sensor and press the buttons.

30° 30°
Within approx. 7 m (23 feet)
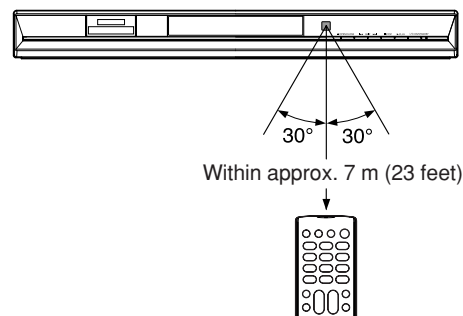
Distance: Approx. 7 m (23 feet) from the front of the remote sensor
Angle: Approx. 30° in each direction of the front of the remote sensor

* Do not expose the remote sensor of the DVD video player to a strong light source such as direct sunlight or other illumination. If you do so, you may not be able to operate the DVD video player via the remote control.

Notes on the remote control
• Direct the remote control at the remote sensor of the DVD video player.
• Do not drop or give the remote control a shock.
• Do not leave the remote control near an extremely hot or humid place.
• Do not spill water or put anything wet on the remote control.
• Do not disassemble the remote control.
• When using the remote control, press the button at intervals of about 1 second to ensure the correct mode of operation.

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*C*onnecting to a TV

Connect the DVD video player to your TV.

Connecting to a TV
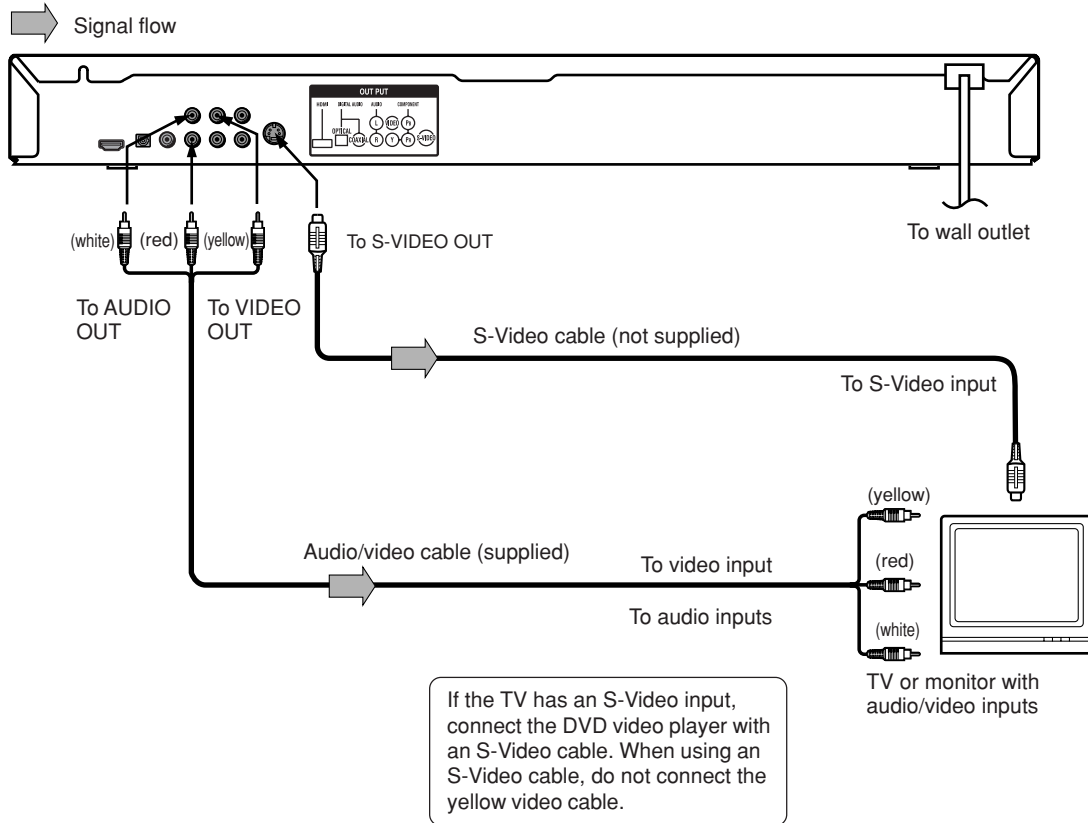
Signal flow

(white) (red) (yellow)   To S-VIDEO OUT

To wall outlet

To AUDIO OUT   To VIDEO OUT

S-Video cable (not supplied)

To S-Video input

(yellow)

(red)

(white)

Audio/video cable (supplied)   To video input

To audio inputs

TV or monitor with audio/video inputs

If the TV has an S-Video input, connect the DVD video player with an S-Video cable. When using an S-Video cable, do not connect the yellow video cable.

• Make sure following setting.

On-screen display	Select:	Page
"Digital Out"	"PCM" or "Raw"	36

Notes:
• Refer to the owner's manual of the connected TV as well.
• When you connect the DVD video player to your TV, be sure to turn off the power and unplug both units from the wall outlet before making any connections.
• If your television set has one audio input, connect the left and right audio outputs of the DVD video player to a Y cable adapter (not supplied) and then connect to your TV.
• Connect the DVD video player directly to your TV. If you connect the DVD video player to a VCR, TV/VCR combination or video selector, the playback picture may be distorted as DVD video discs are copy protected.

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Connecting to a TV (continued)

Component video outputs

■ **PROGRESSIVE outputs**
Some TVs or monitors are equipped with component video inputs that are capable of reproducing a progressively scanned video signal. Connecting to these inputs allows you to view the highest quality pictures with less flicker.

■ **INTERLACED outputs**
Some TVs or monitors are equipped with component video inputs. Connecting to these inputs allows you to enjoy the highest quality DVD picture playback.

Connecting to an audio system and TV equipped with component video inputs

Signal flow

OUT PUT

To AUDIO OUT

(white) (red)

To wall outlet

To Y VIDEO OUT

To PR VIDEO OUT

To PB VIDEO OUT

If the TV has the Component input, connect the DVD video player with the Component cable. When using the Component cable, do not connect the yellow video cable.

Audio cable (not supplied)

TV or monitor with ColorStream® component video inputs

To PB video input

To PR video input

To audio inputs of the amplifier

To Y video input

(white) (red)

Component video cable (not supplied)

Audio system

Notes:
• Actual labels for component video inputs may vary depending on the TV manufacturer. (ex. Y, R-Y, B-Y or Y, CB, CR)
• In some TVs or monitors, the color levels of the playback picture may be reduced slightly or the tint may change. In such a case, adjust the TV or monitor for optimum performance.

• Make sure following setting.

On-screen display	Select:	Page
"Digital Out"	"PCM" or "Raw"	36

Notes:
• Refer to the owner's manual of the connected equipment as well.
• When you connect the DVD video player to other equipment, be sure to turn off the power and unplug all of the equipment from the wall outlet before making any connections.
• If you place the DVD video player near a tuner or radio, the radio broadcast sound might be distorted. In this case, place the DVD video player away from the tuner and radio.
• The output sound of the DVD video player has a wide dynamic range. Be sure to adjust the receiver's volume to a moderate listening level. Otherwise, the speakers may be damaged by a sudden high volume sound.
• Turn off the amplifier before you connect or disconnect the DVD video player's power cord. If you leave the amplifier power on, the speakers may be damaged.

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About HDMI

HDMI (High Definition Multimedia Interface) supports both video and audio on a single digital connection for use with DVD players, DTV, set-top boxes, and other AV devices. HDMI was developed to provide the technologies of High Bandwidth Digital Content Protection (HDCP) as well as Digital Visual Interface (DVI) in one specification. HDCP is used to protect digital content transmitted and received by DVI-compliant or HDMI-compliant displays.

HDMI has the capability to support standard, enhanced, or high-definition video plus standard to multi-channel surround-sound audio. HDMI features include uncompressed digital video, a bandwidth of up to 2.2 gigabytes per second (with HDTV signals), one connector (instead of several cables and connectors), and communication between the AV source and AV devices such as DTVs.

HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI licensing LLC.

Connecting to a display (Using the HDMI cable)

Signal flow

To HDMI OUT

If the TV has a HDMI input, connect the DVD video player with a HDMI cable. When using a HDMI cable, do not connect the yellow video cable.

To wall outlet

HDMI Cable (supplied)   To HDMI input

HDMI-compatible display
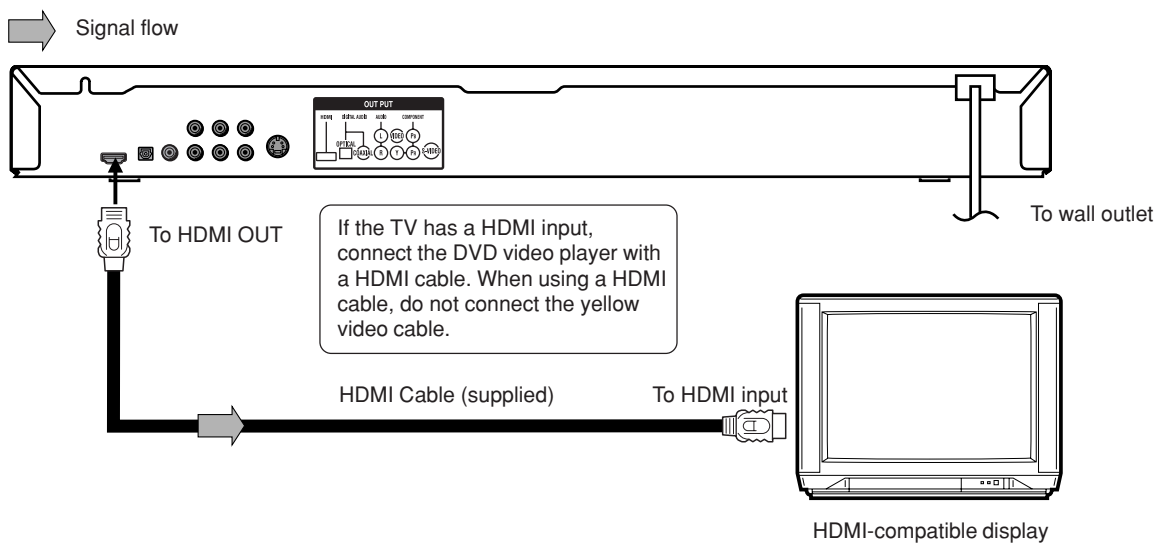
■ **Switching the video quality (HDMI mode) using HDMI button on the remote control**

Press **HDMI** on the remote control to receive suitable video quality. The video quality is required to match your TV having HDMI feature and suitable quality, please check your TV owner's manual.

Pressing **HDMI** changes the video quality as follows:

480p → 720p → 1080i
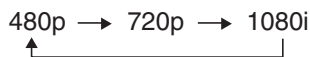
• Make sure following setting.

On-screen display	Select:	Page
"Digital Out"	"PCM"	36

Notes:
- Refer to the Owner's manual of the connected TV as Well.
- When you connect the DVD video player to your TV, be sure to turn off the power and unplug both units from the wall outlet before making any connections.
- If you have a HDMI (with HDCP) equipped monitor or display, you can connect it to this player using the supplied HDMI cable.
- The HDMI connector outputs uncompressed digital video, as well as almost every kind of digital audio that the player is compatible with, including DVD-Video, Video CD, CD and MP3.
- No sound will be output from the HDMI cable if the Digital Out is not set to PCM 36 .

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Connecting to optional equipment

You can enjoy high quality dynamic sounds by connecting the unit to optional audio equipment.

For connection to your TV, see "Connecting to a TV" 15 16 17.

■ : Front speaker   ▯ : Center speaker
□ : Rear speaker   ⇨ : Signal flow
▯ : Sub woofer

Connecting to an amplifier equipped with a Dolby Digital decoder

Dolby Digital
Dolby Digital is the surround sound technology used in theaters showing the latest movies, and is now available to reproduce this realistic effect in the home. You can enjoy motion picture and live concert DVD video discs encoded via the Dolby Digital recording system with this dynamic realistic sound by connecting the DVD video player to a 6 channel amplifier equipped with a Dolby Digital decoder or Dolby Digital processor. If you have a Dolby Surround Pro Logic decoder, you will obtain the full benefit of Pro Logic from the same DVD movies that provide full 5.1-channel Dolby Digital soundtracks, as well as from titles with the Dolby Surround mark.

Manufactured under license from Dolby Laboratories. "Dolby", "Pro Logic", and the double-D symbol are trademarks of Dolby Laboratories.

• Use DVD video discs encoded via the Dolby Digital recording system.
• Make sure following setting.

On-screen display	Select:	Page
"Digital Out"	"PCM" or "Raw"	36

Amplifier equipped with a Dolby Digital decoder

To COAXIAL type digital audio input

Optical cable (not supplied)

Connect either

75 Ω coaxial cable (not supplied)
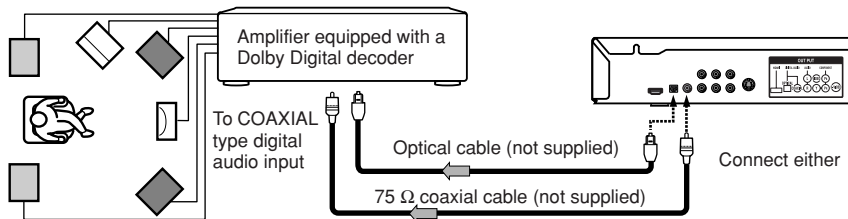
Connecting to an amplifier equipped with Dolby Surround Pro Logic

Dolby Surround Pro Logic
You can enjoy the dynamic realistic sound of Dolby Surround Pro Logic by connecting an amplifier and speaker system (right and left front speakers, a center speaker, and one or two rear speakers).

■ With an amplifier equipped with Dolby Digital
Connect the equipment the same way as described in "Connecting to an amplifier equipped with a Dolby Digital decoder." Refer to that amplifier's owner's manual and set the amplifier so you can enjoy Dolby Surround Pro Logic sound.

■ With an amplifier not equipped with Dolby Digital
Connect the equipment as follows.
• This connection is only suitable for Video CDs and Audio CDs.

• Make sure following setting.

On-screen display	Select:	Page
"Digital Out"	"PCM" or "Raw"	36

*

Amplifier equipped with Dolby Surround Pro Logic

To audio input

To AUDIO OUT

Audio cable (not supplied)
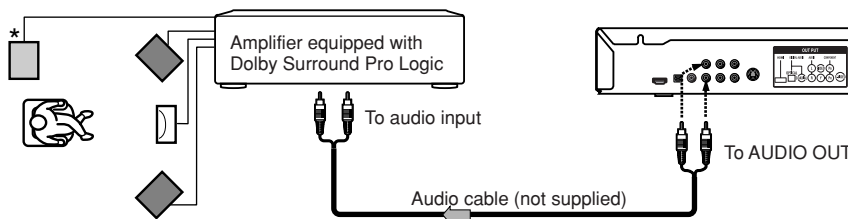
* Connect one or two rear speakers. The output sound from the rear speakers will be monaural even if you connect two rear speakers.

Connecting to an amplifier equipped with a DTS decoder

Digital Theater Systems (DTS)
DTS is a high quality surround technology used in theaters and now available for home use, on DVD video discs or audio CDs.
If you have a DTS decoder or processor, you can obtain the full benefit of 5.1 channel DTS encoded sound tracks on DVD video discs or audio CDs.

"DTS" and "DTS Digital Out" are registered trademarks of Digital Theater Systems, Inc.

• Use DVD video discs or audio CDs encoded via the DTS recording system.
• Make sure following setting.

On-screen display	Select:	Page
"Digital Out"	"Raw"	36

Amplifier equipped with a DTS decoder

To COAXIAL type digital audio input

Optical cable (not supplied)

Connect either

75 Ω coaxial cable (not supplied)

18
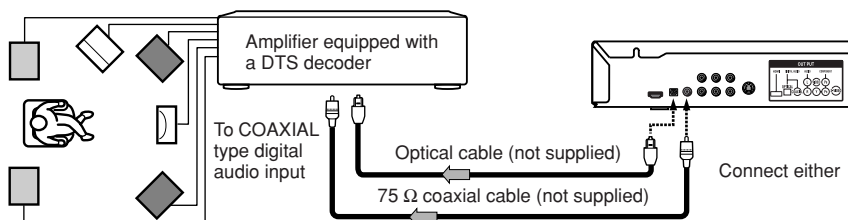
Warning
When playing DTS-encoded discs (DVD video discs and audio CDs), excessive noise may be output from the analog stereo jacks. To avoid possible damage to the audio system, you should take proper precautions when the AUDIO OUT (L/R) jacks of the DVD video player are connected to an amplification system. (Do not leave the ANALOG AUDIO OUT (L/R) cables dangling.) To enjoy DTS Digital Surround™ playback, an external 5.1 channel DTS Digital Surround™ decoder system must be connected to the COAXIAL DIGITAL AUDIO OUT jack of the DVD video player.

Connecting to an amplifier equipped with an MPEG2 audio decoder

MPEG2 sound
You can enjoy motion picture and live concert DVD video discs encoded via the MPEG2 recording system with dynamic realistic sound by connecting an amplifier equipped with an MPEG2 audio decoder or MPEG2 audio processor.

Amplifier equipped with an MPEG2 audio decoder

To COAXIAL type digital audio input

Optical cable (not supplied)

75 Ω coaxial cable (not supplied)

Connect either

• Use DVD video discs encoded via the MPEG2 recording system.
• Make sure following setting.

On-screen display	Select:	Page
"Digital Out"	"PCM" or "Raw"	36
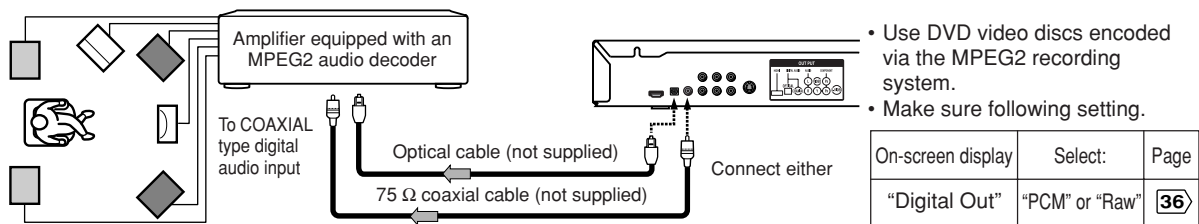
Connecting to an amplifier equipped with a digital audio input

2 channel digital stereo
You can enjoy the dynamic sound of 2 channel digital stereo by connecting an amplifier equipped with a digital audio input and speaker system (right and left front speakers).

Amplifier equipped with a digital audio input

To COAXIAL type digital audio input

Optical cable (not supplied)

75 Ω coaxial cable (not supplied)

Connect either

• Make sure following setting.

On-screen display	Select:	Page
"Digital Out"	"PCM"	36
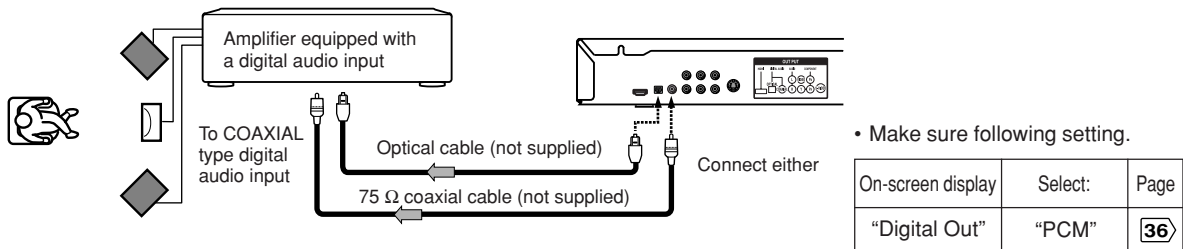
Notes:
• DO NOT connect the OPTICAL or COAXIAL DIGITAL AUDIO OUT jack of the DVD video player to the AC-3 RF input of a Dolby Digital Receiver. This input on your A/V Receiver is reserved for Laserdisc use only and is incompatible with the OPTICAL or COAXIAL DIGITAL AUDIO OUT jack of the DVD video player.
• Connect the OPTICAL DIGITAL AUDIO OUT jack of the DVD video player to the "OPTICAL" input of a Receiver or Processor.
• Connect the COAXIAL DIGITAL AUDIO OUT jack of the DVD video player to the "COAXIAL" input of a Receiver or Processor.
• Refer to the owner's manual of the connected equipment as well.
• When you connect the DVD video player to other equipment, be sure to turn off the power and unplug all of the equipment from the wall outlet before making any connections.
• The output sound of the DVD video player has a wide dynamic range. Be sure to adjust the receiver's volume to a moderate listening level. Otherwise, the speakers and your hearing may be damaged by a sudden high volume sound.
• Turn off the amplifier before you connect or disconnect the DVD video player's power cord. If you leave the amplifier power on, the speakers may be damaged.

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⬤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.

OPEN/CLOSE   Power indicator
Display window

Disc tray   STOP PLAY I/⏻ON/STANDBY
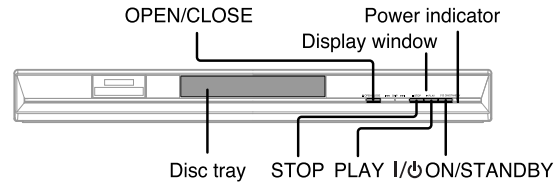
DVD VCD CD Basic playback

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.

1 **Press DVD on the remote control to operate the DVD video player.**

2 **Press I/⏻ON/STANDBY.**

I/⏻ ON/STANDBY

The DVD turns on and the Power indicator lights up.
"Reading Disc" display will change to "No Disc".
(If DVD disc has already loaded, playback will start automatically.)

No Disc
welcome   TOSHIBA
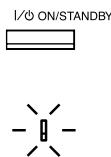
3 **Press OPEN/CLOSE.**

⏏OPEN/CLOSE

The disc tray opens.

welcome   TOSHIBA

4 **Place the disc on the disc tray.**

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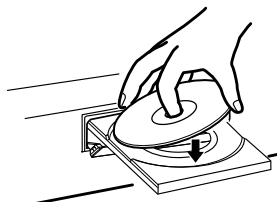
• There are two different disc sizes. Place the disc in the correct guide on the disc tray. If the disc is out of the guide, it may damage the disc and cause the DVD to malfunction.
• Do not place a disc which is unplayable in this DVD.

5 **Press OPEN/CLOSE or PLAY on the unit.**

⏏OPEN/CLOSE
OR
►PLAY

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

⏏   ➡   Reading Disc
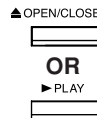
• A menu screen will appear on the TV screen, if the disc has a menu feature.
Press ▲/▼ or ◄/► to select title, then press **ENTER**. Title is selected and play commences.

6 **Press STOP to end playback.**

■STOP

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

■ **To start playback in the stop mode**
Press **PLAY**.
►PLAY

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OPEN/CLOSE
POWER
DVD

▲/▼/◄/►
ENTER
PLAY
STOP
PAUSE/STEP
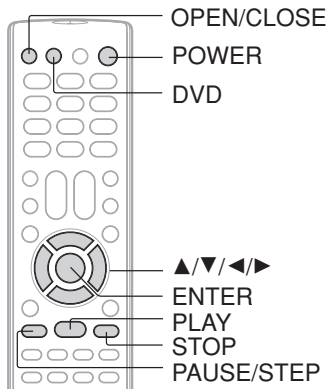
■ **To obtain a higher quality picture**
Occasionally, some picture noise not usually visible during a normal broadcast may appear on the TV screen while playing a DVD video disc because the high resolution pictures on these discs include a lot of information. While the amount of noise depends on the TV you use with this unit, you should generally reduce the sharpness adjustment on your TV when viewing DVD video discs.

■ **About** ⟨DVD⟩⟨VCD⟩⟨CD⟩⟨CARD⟩
The ⟨DVD⟩⟨VCD⟩⟨CD⟩ icons on the heading bar show the playable discs for the function described under that heading.
⟨DVD⟩ : You can use this function with DVD video discs.
⟨VCD⟩ : You can use this function with Video CDs.
⟨CD⟩ : You can use this function with Audio CDs and CD-R/RW CDs.
⟨CARD⟩ : You can use this function with Media cards.

■ **To pause playback (still mode)**
Press **PAUSE/STEP** during playback.

PAUSE/STEP
⫿⫿/⫿⫿►

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

• The sound is muted during still mode.

■ **To stop playback**
Press **STOP**.

STOP
■

■ **To remove the disc**
Press **OPEN/CLOSE**.

OPEN/CLOSE
⏏

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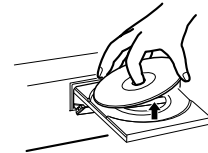
Be sure to press **OPEN/CLOSE** to close the disc tray after you remove the disc.

■ **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.

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 (see pages 9 and 37).
• 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 Disc" 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 29.
• 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 (I /** ⏻ **)** on your remote control once the movie is completed.
• There may be a slight delay between you pressing the button and the function activating.
• The screen saver does not operate when connecting the DVD video player to the TV using the HDMI cable.

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Playing a disc (continued)

You can play discs at various speeds.

PAUSE/STEP

PLAY
FF
SKIP ◄◄/►►►
SLOW ◄ι/ι►

REV
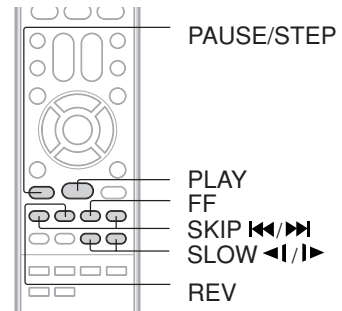
DVD VCD CD Playing in fast reverse or fast forward directions

Press REV or FF during playback.

REV   FF   **REV**: Fast reverse playback
◄◄   ►►   **FF**:   Fast forward playback

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

■ **To resume normal playback**
Press **PLAY**.

PLAY
►

Notes:
• The DVD video player 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.

DVD VCD Playing frame by frame

Press PAUSE/STEP during still playback.

PAUSE/STEP   Each time you press **PAUSE/STEP**,
(ιι/ιι►)   the picture advances one frame.

■ **To resume normal playback**
Press **PLAY**.

PLAY
►

Note:
The sound is muted during frame by frame playback.

DVD VCD Playing in slow-motion

Press SLOW (ι►) Forward or SLOW (◄ι) Reverse during playback.

SLOW   SLOW   Each time you press the button, the
◄ι   ι►   slow-motion speed changes.

■ **To resume normal playback**
Press **PLAY**.

PLAY
►

Notes:
• The sound is muted during slow-motion playback.
• The Video CD cannot play Reverse Slow.

DVD VCD CD Locating a chapter or track

Press SKIP ◄◄ or ►►► repeatedly to display the chapter or track number you want.
Playback starts from the selected chapter or track.

SKIP   To locate succeeding chapters or
►►►   tracks.

SKIP   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:
• A "Prohibition" symbol ✋ may appear at the upper left of the screen. This symbol means either the feature you tried is not available on the disc, or the DVD cannot access the feature at this time. This does not indicate a problem with the DVD.
• 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.

22

Zooming/Locating desired scene

SEARCH
0–9

DISPLAY

ZOOM

▲/▼/◄/►
ENTER
CLEAR
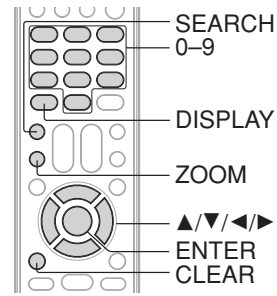
DVD VCD CD Zooming

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.**

ZOOM

The center part of the image will be zoomed in.
Each press of **ZOOM** will change the ZOOM 🔍1 (x 1.3), 🔍2 (x 1.5) and 🔍3 (x 2.0).

🔍 1

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 (🔍 Off).**

ZOOM

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 SEARCH during playback or stop mode.**

SEARCH

Time   : --:--:--   --:--:--/--:--:--
Title   :   ---   -/6
Chapter : ---   -/-
▲▼/Enter/0–9/Clear/Search

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

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

Time   : --:--:--   --:--:--/--:--:--
Title   :   ---   -/6
Chapter : ----   -/-
▲▼/Enter/0–9/Clear/Search

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

Time   : --:--:--   --:--:--/--:--:--
Title   :   ---   -/6
Chapter : 12-   -/-
▲▼/Enter/0–9/Clear/Search

• 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.

Note:
In case of the Video-CD playback with PBC, the SEARCH does not work. To turn off PBC, see page 29.

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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.

ENTER

▲/▼
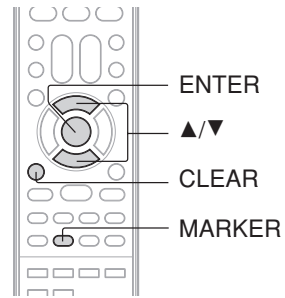
CLEAR

MARKER

^{DVD VCD} Marking the scenes

1 Press MARKER during playback.

MARKER

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.

ENTER

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

3 Press MARKER to remove this display.

MARKER

Notes:
• Some discs may not work with the marking operation.
• The marking is cancelled 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

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.

ENTER

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

3 Press ENTER.

ENTER

Playback starts from the marked
scene.

■ **To cancel the Marker**
Follow the above steps 1~2, then press **CLEAR**.

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Repeat playback/A-B Repeat playback

▼/◄/►
— PLAY
— PLAYMODE
— A-B RPT
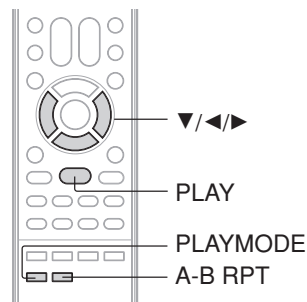
DVD VCD CD Repeat playback

1 **Press PLAYMODE during playback or stop mode.**

PLAYMODE

2 **DVD**
Press ◄/► to select "Chapter" or "Title".

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

ENTER

Repeat	:	Off
◄►/Play Mode		

Audio CD, Video CD, MP3/WMA CD
Press ▼ to select "Repeat".
Press ◄/► to select "Track" or "All".

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

ENTER

Play Mode	:	Off
Repeat	:	Off
◄►▲▼/Play Mode		

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

3 **Press PLAYMODE 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.
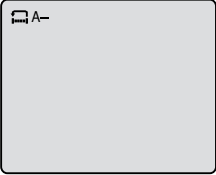
DVD VCD CD A-B Repeat playback

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

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

A-B RPT

The start point is selected.

A–
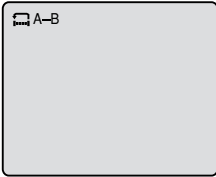
2 **Press A-B RPT again.**

A-B RPT

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.

A–B

■ **To resume normal playback**
   Press **A-B RPT** again.

A-B RPT

" 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 CD.
• A-B Repeat is prohibited when PBC is on.

25

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 Audio CD, Video CD and MP3/WMA/JPEG CD.

0–9

▲/▼/◄/►
ENTER
CLEAR
PLAY
SKIP ►►|
PLAYMODE
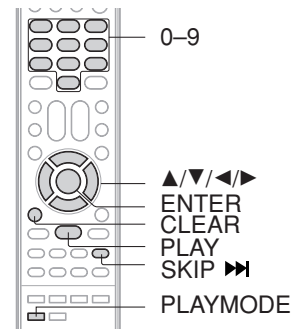
[VCD CD] Program playback

1 Press PLAYMODE during stop mode.

PLAYMODE

```
Play Mode    :   Off
Repeat       :   Off
◄►▲▼/Play Mode
```

2 Press ▲/▼ to select Play Mode, then press ◄/► to select "Program".

```
Play Mode        : Program
Repeat           : Off
1 ---    4 ---    7 ---    10 ---
2 ---    5 ---    8 ---    11 ---
3 ---    6 ---    9 ---    12 ---
Clear            Program Playback
◄►▲▼/Enter/0–9/Clear/Play Mode
```

3 Press ▲/▼ or ◄/► to select the programming position. Use Number buttons (0–9) to input the track or file numbers.

• To program others, repeat step 3.
• If you input a wrong number, press **CLEAR**.

```
1  2  3
4  5  6
7  8  9
   0
```

```
Play Mode        : Program
Repeat           : Off
1 9--    4 ---    7 ---    10 ---
2 3--    5 ---    8 ---    11 ---
3 11--   6 ---    9 ---    12 ---
Clear            Program Playback
◄►▲▼/Enter/0–9/Clear/Play Mode
```

4 Press ▲/▼/◄/► to select "Program Playback" and press ENTER.

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

• In case of JPEG file, press **SKIP ►►|** to continue the program playback.
• To resume normal playback, select Play Mode: "Off" in step 2.

```
Play Mode        : Program
Repeat           : Off
1 9--    4 ---    7 ---    10 ---
2 3--    5 ---    8 ---    11 ---
3 11--   6 ---    9 ---    12 ---
Clear            Program Playback
◄►▲▼/Enter/0–9/Clear/Play Mode
```

■ **To change the program**
  1. In the program mode, press ▲/▼/◄/► to select the track number.
  2. Press **Number buttons (0–9)** to select the track number to be replaced.
■ **To clear the program one by one**
  In the program mode, press ▲/▼/◄/► to select the track number. Then press **CLEAR**.
■ **To clear all the programs**
  In the program mode, press ▲/▼/◄/► to select "Clear". 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 CD] Random playback

1 Press PLAYMODE during playback or stop mode.

PLAYMODE

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

```
Play Mode        : Random
Repeat           : Off
◄►▲▼/Play Mode
```

3 Press PLAY.

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 Play Mode: "Off" in step 2.

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

26

2F60201A [E] P23-26   26   2/22/05, 10:48 AM
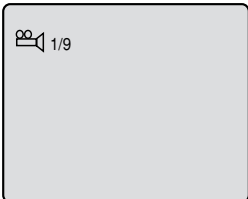
Changing angles/Title selection/DVD menu

TOP MENU
MENU
▲/▼/◄/►
ENTER
PLAY
ANGLE
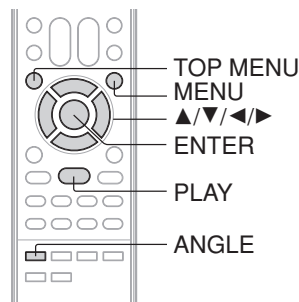
DVD Changing angles

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.

ANGLE

📹 1/9

2 **Press ANGLE repeatedly until the desired angle is selected.**

ANGLE

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

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.**

ENTER

3 **Press ENTER or PLAY.**

The playback of the selected title will start.

ENTER

PLAY

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 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 MENU during playback.**

MENU

The DVD menu appears on the screen.
• Press **MENU** again to resume playback at the scene when you pressed **MENU**.

2 **Press ▲/▼/◄/► to select the desired item.**

ENTER

3 **Press ENTER.**

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

ENTER

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

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Changing soundtrack language/ Setting surround sound

◄/►
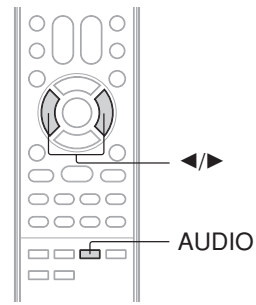
AUDIO

(DVD/VCD) Changing soundtrack language

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

1 **Press AUDIO during playback.**

AUDIO

The current soundtrack language will appear.

2/8 Fra Dolby Digital
QSound Off

2 **Press AUDIO repeatedly until the desired language is selected.**

AUDIO

1/8 Eng Dolby Digital
QSound Off

• 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**.

LR
QSound Off ➡ L
QSound Off ➡ R
QSound Off
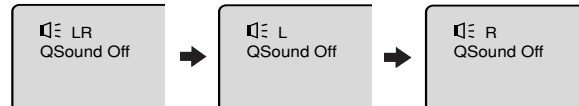
Notes:
• If the desired language is not heard after pressing the button several times, the language is not recorded on the disc.
• Changing soundtrack language is cancelled when you open the disc tray. The initial default language or available language will be heard if the disc is played back again.

(DVD/VCD/CD) 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.**

AUDIO

1/8 Eng Dolby Digital
QSound Off

2 **Press ◄ or ► to select "On".**

ENTER

1/8 Eng Dolby Digital
QSound 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. (See page 36.)

Q 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.

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Subtitles/To turn off the PBC/Disc status

1

DISPLAY

▲ / ▼ / ◄ / ►
ENTER
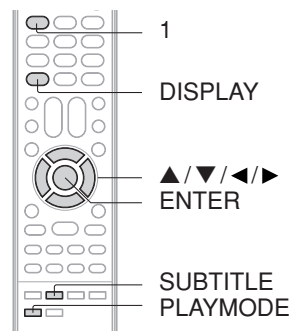
SUBTITLE
PLAYMODE

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.**

SUBTITLE

1/8 Eng

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

SUBTITLE

Off

• 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 PLAYMODE in the stop mode.**

PLAYMODE

2 **Press ▲ / ▼ to select Play Mode, then press ◄ / ► to select "Off".**

Play Mode   :   Off
Repeat   :   Off
◄►▲▼/Play Mode

3 **Press PLAYMODE again to make the screen disappear.**

■ **To turn on the PBC**

Select Play Mode : "PBC" in step 2.
Note:
You can also turn off the PBC by pressing number button **1** and **ENTER** in the stop mode.

DVD VCD CD Disc status

With each press of DISPLAY, the status of the disc will appear on the screen and change as follows.

DISPLAY

DVD

00:34:56 01:12:33	► 00:34:56 01:12:33
	Title 1/99 Chapter 1/999 ◄) 1/9
	⌨ 1/8 Eng Dolby Digital
	⌨ 1/32 Eng

To make status display disappear, press **DISPLAY** again.

Video CD

| 00:12 04:32 | ►PBC 00:12 04:32 |
| | Track –/– |

To make status display disappear, press **DISPLAY** again.

Audio CD

► 34:56 71:33
Track 11/99

When you playback the CD disc, the status display will appear on the screen and continue displaying.

29

MP3/WMA/JPEG operation

This player can play back the MP3/WMA/JPEG-data which has been recorded on CD-R, CD-RW or Media card.

Note:

This unit requires discs/recordings to meet certain technical standards in order to achieve optimal playback quality. Prerecorded 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 file information

Limitations on MP3/WMA/JPEG file playback
- MP3/WMA/JPEG file is the disc/card that is standardized by ISO9660, its file name must include 3-digits extension letters, "mp3", "wma", "jpg".
- MP3/WMA/JPEG file must be correspond to the ISO standardized files.
- This unit can read 600 files per disc/card. 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/card.
- MP3/WMA/JPEG files cannot be used for the purpose of recording.
- If the disc/card has both audio tracks and MP3/WMA/JPEG files, only audio tracks are played.
- It may take more than one minute for this unit to read MP3/WMA/JPEG 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 files
To play back MP3/WMA/JPEG file in the recorded order,
1. Use MP3/WMA/JPEG 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 CDs/Cards cannot be played back depending on the recording conditions.
- The CD/cards that has no music data or non MP3/WMA/JPEG files cannot be played back.

Standard, sampling frequency, and the bit rate:
MP3 file
  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 file
  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.

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0–9

TOP MENU
DVD/CARD

▲/▼/◄/►
ENTER
PLAY
STOP

CAUTION
Do not insert any foreign objects into the Media card slot as this can result in a risk of fire or electric shock.

Place a CD-R/RW on which MP3, WMA or JPEG files have been recorded onto the disc tray or insert a Media card on which MP3, WMA or JPEG files have been recorded into the media card slot on the front panel.
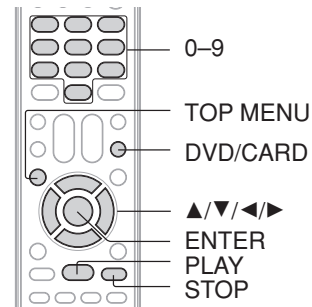
CD CARD MP3/WMA playback

1 Place a CD-R/RW on which MP3 or WMA files have been recorded onto the disc tray, or insert a Media card on which MP3 or WMA files have been recorded into the appropriate media card slot on the front panel.

Note: When the Media card is inserted, the unit is changed to the CARD mode automatically.

2 Press DVD/CARD to select the DVD (CD) mode or the CARD mode.
A file menu screen will appear on the screen.
Press ◄/► or ENTER to select folder.

PROGRAM
DVD/CARD

```
CD ■                    -/72  --:--
  ■  Pops
1 ♫ Japan          8 ♫ flower
2 ♫ Bay Bridge     9 ♫ Lies and Truth-
3 ♫ CLOSE MY EYES 10 ♫ winter fall
4 ♫ DIVE TO BLUE  11 ♫ Rain
5 ♫ Honey         12 ♫ Strawberry
6 ♫ BLUE EYES     13 ♫ Welcome party
7 ♫ Blurry Eyes   14 ♫ Thailand
◄►▲▼/0-9/Enter/Play Mode
```

3 Press ▲/▼/◄/► or Number buttons (0–9) to select the desired file.

- In case the folder includes more than 15 files, press ◄ or ► to display next file list.

```
CD ■                    -/72  --:--
  ■  Pops
1 ♫ Japan          8 ♫ flower
2 ♫ Bay Bridge     9 ♫ Lies and Truth-
3 ♫ CLOSE MY EYES 10 ♫ winter fall
4 ♫ DIVE TO BLUE  11 ♫ Rain
5 ♫ Honey         12 ♫ Strawberry
6 ♫ BLUE EYES     13 ♫ Welcome party
7 ♫ Blurry Eyes   14 ♫ Thailand
◄►▲▼/0-9/Enter/Play Mode
```

```
CD ■                    -/72  --:--
  ■  Pops
15 ♫ Mother
16 ♫ Hold Your Last



◄►▲▼/0-9/Enter/Play Mode
```

- When **PLAY** has been pressed after displaying the file menu, 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 file, the first JPEG file is played back.

4 Press ENTER.
The selected file starts playing back.

5 Press STOP to end playback.

STOP

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

■ **To eject the Media card**
Confirm the Media card is not in use now. Pull the card out slowly and straight.
Note:
Do not eject the card while it is in use. If ejected while in use, information on the card may be lost.

About file menu

Elapsed time
Operation
Media type   File number
                File type
Folder

```
CD ►                    1/94  02:36
  ■  Pops
1 ♫ Japan          8 ♫ flower
2 ♫ Bay Bridge     9 ♫ Lies and Truth-
3 ♫ CLOSE MY EYES 10 ▣ Pic-1
4 ♫ DIVE TO BLUE  11 ▣ Pic-2
5 ♫ Honey         12 ▣ Pic-3
6 ♫ BLUE EYES     13 ▣ Pic-4
7 ♫ Blurry Eyes   14 ▣ Pic-5
◄►▲▼/0-9/Enter/Play Mode/Menu
```
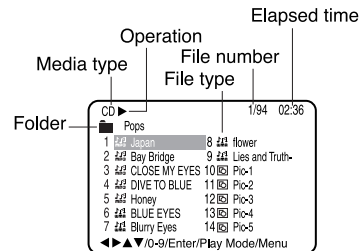
Media type		File type	
CD:	CD-R/RW	♫	: MP3-file
SD:	SD (Secure Digital™) memory card	♫	: WMA-file
MMC:	MMC (MultiMediaCard™)	▣	: JPEG-file
xD:	xD-Picture Card		
MS:	Memory Stick™(Pro)		
CF:	CompactFlash® memory card		

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

Notes:
- During MP3/WMA/JPEG-Playback, you cannot use SEARCH, A-B Repeat functions.
- You can use Repeat (Track or All), Random functions and Program playback for MP3/WMA/JPEG Playback 25 26 .
- When the Media card is inserted into the both card slots, the upper card slot is read. If you want to playback the CompactFlash memory card, eject the Media card from the upper card slot.

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MP3/WMA/JPEG operation (continued)

0–9
TOP MENU
DVD/CARD
MENU
▲ / ▼ / ◄/ ►
ENTER
PLAY
STOP
SKIP ◄◄/►►
ANGLE
PAUSE

CAUTION
Do not insert any foreign objects into the Media card slot as this can result in a risk of fire or electric shock.
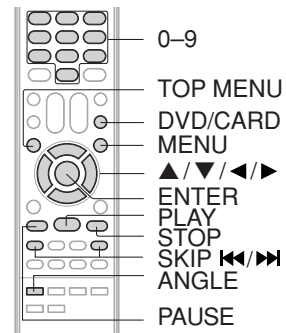
CD CARD JPEG playback

1 Place a CD-R/RW on which JPEG files have been recorded onto the disc tray, or insert a Media card on which JPEG files have been recorded into the appropriate media card slot on the front panel.

Note: When the Media card is inserted, the unit is changed to the CARD mode automatically.

2 Press DVD/CARD to select the DVD (CD) mode or the CARD mode. file menu screen will appear on the screen. Press ◄/► to select folder.

PROGRAM
DVD/CARD

```
CD ■                          -/36
■  Collection
  1 ▣ Pic-1      8 ▣ Pic-8
  2 ▣ Pic-2      9 ▣ Pic-9
  3 ▣ Pic-3     10 ▣ Pic-10
  4 ▣ Pic-4     11 ▣ Pic-11
  5 ▣ Pic-5     12 ▣ Pic-12
  6 ▣ Pic-6     13 ▣ Pic-13
  7 ▣ Pic-7     14 ▣ Pic-14
◄►▲▼/0-9/Enter/Play Mode/Menu
```
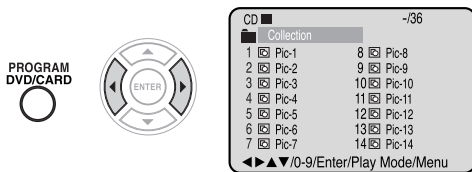
3 Press ▲/▼/◄/► or Number buttons (0–9) to select the desired file.
To display a picture menu, press **MENU**.
(To return to a file menu, press **TOP MENU**.)
Press ◄/► or ▲/▼ to select the desired file.

MENU   TOP MENU
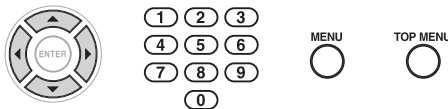
- To display next list, press **SKIP** ◄◄/►►.
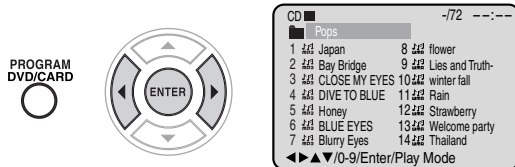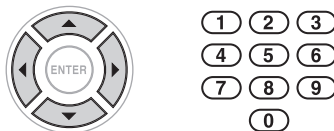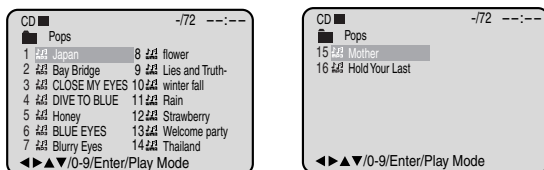- When **PLAY** has been pressed after displaying the file menu, or when the disc tray has been closed after pressing **PLAY**, playback begins automatically starting from the first file. In this case, if the first file is a JPEG file, the first JPEG file is played back. If the first file is an MP3/WMA file, only MP3/WMA files are played back in order.

4 Press ENTER. The selected picture appears on the screen.
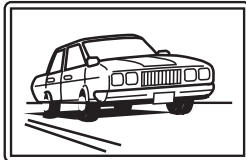
Rotating an image
You can rotate an image by 90 degrees by pressing **ANGLE** during playback of the image.
"🎥▶", "🎥☟", "🎥◀"or "🎥👤" appears briefly on the screen.

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

CD CARD JPEG slide show

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" [36].

1 Select your desired starting file for the slide show in the step 4 as left.

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

ENTER

- 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 briefly 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.

■ To eject the Media card
Confirm the Media card is not in use now. Pull the card out slowly and straight.
Notes:
- Do not eject the card while it is in use. If ejected while in use, information on the card may be lost.
- If the DVD video player is connected to a HDTV using HDMI, you can display the HD resolution JPEG images (720p or 1080i). See "HD Jpeg" on page 37.
- When the Media card is inserted into the both card slots, the upper card slot is read. If you want to playback the CompactFlash memory card, eject the Media card from the upper card slot.

32

Customizing the function settings

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

▲/▼/◄/►
ENTER
RETURN
SETUP
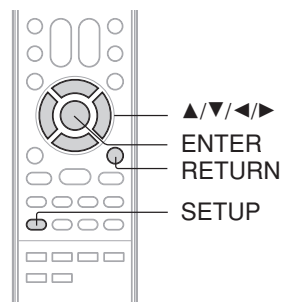
DVD VCD CD Setting procedure

1 **Press SETUP during stop mode.**

SETUP

The following on-screen display appears.

◄►/Enter/Setup/Return

2 **Press ◄ or ► to select the desired section, then press ▼ or ENTER.**

ENTER

3 **Press ▲ or ▼ to select the desired option.**

ENTER

4 **Change the selection using ◄ or ►, by referring to the corresponding pages 35~38.**

ENTER

• Repeat steps 3 and 4 to change other settings.
• To select another operation, go back to step 2 by pressing ▲ repeatedly.
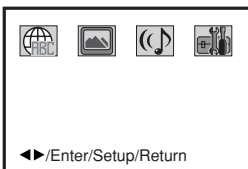
5 **To make SETUP screen disappear, press SETUP or RETURN.**

SETUP

RETURN

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Customizing the function settings (continued)

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 .	
	OSD	To select a preferred language for on screen display.	
	E.B.L.	To select On or Off for E.B.L. (Enhanced Black Level).	35
	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.	
	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.	
	Dialogue	To select On or Off for DRC (Dynamic Range Control).	36
	QSound	To select On or Off for QSound.	
	Digital Out	To select an output sound format corresponding to your system connection.	
	Password	Input 4-digit password to set the parental level.	
	Parental	To select a preferred parental level for the parental setting.	
	Select Files	To select a preferred file type for playing back a CD containing a mixture of file types.	37
	HD Jpeg	To select On or Off for HD Jpeg	
	Output	To select a preferred video output signal from "Progressive" or "Interlace".	38

34

```
         Menu       ◄ English ►
         Subtitle     English
         Audio        English
         OSD          English
         ▲▼/Setup/Return
```
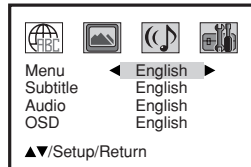
■ **Menu, Subtitle, Audio**

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" on page 40).
>
> **Original: (Audio)**
> The unit will select the first priority language of each disc.
>
> **Off: (Subtitle)**
> Subtitles do not appear.

Note:
If the selected language is not recorded on the disc, the first-priority language is selected.

■ **OSD**

The setup language can be selected.

> **English:** To display OSD language in English.
>
> **Francais:** To display OSD language in French.
>
> **Espanol:** To display OSD language in Spanish.

```
         E.B.L.        ◄ Off ►
         TV Screen       4:3 ▭
         Display         On
         Picture Mode    Auto
         JPEG Interval   Off
         ▲▼/Setup/Return
```
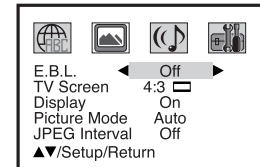
■ **E.B.L.**

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

> **On:** Enhanced grey scale (0 IRE cut off)
>
> **Off:** Standard grey scale (7.5 IRE cut off)

Note:
In HDMI connection, this function does not work.

■ **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.

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

*C*ustomizing the function settings (continued)

Setting details

■ 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.

```
Dialogue   ◄Off: DRC (Std)►
QSound            Off
Digital Out       PCM

▲▼/Setup/Return
```
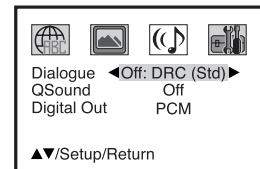
■ Dialogue

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

On: DRC (TV):
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.

Off: DRC (Std):
It plays back at the recording level on the disc.

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.

On: The QSound operates.

Off: The QSound is disengaged.

Note:
The QSound setting can also be changed with **AUDIO** on the remote control. (See page 28.)

■ Digital Out

Selected the output sound format corresponding to your system connection.

PCM:
Select when connected to a 2 channel digital stereo amplifier.

Raw:
Disc audio raw data will be output.

Notes:
- When you make a connection to a TV, or Dolby Surround Pro Logic or stereo system via the analog audio jacks, select "PCM" or "Raw".

- If apply HDMI connection to TV, make sure to select "PCM", audio signal passing to TV via HDMI cable.

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```
Password        – – – –  🔓
Parental         Off
Select Files     All
HD Jpeg          Off
Output           Interlace
▲▼/0−9/Enter/Clear/Setup/Return
```
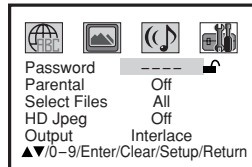
■ Parental control setting

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 ◄ or ► until the level you require appears.
   • **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.
   Select from the level 1 to level 8. The limitation will be more severe as the level number is lower.
2) Press ▲ or ▼ to select "Password".
   Press **Number buttons (0–9)** to input a 4-digit password. Be sure to remember this number!
   • If you input a wrong number, press **CLEAR**.
3) Press **ENTER** to store the password.
   Note: Now the rating is locked and the setting cannot be changed unless you enter the correct password.
4) Press **OPEN/CLOSE** to activate Parental control setting. (See "Temporary disabling of rating level by DVD disc" on page 39.)

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.

■ To change the parental level

1) Press ▲ or ▼ to select "Password".
2) Press **Number buttons (0–9)** to enter the password you have stored.
3) Press **ENTER**.
   • The rating is now unlocked.
4) Press ▲ or ▼ to select "Parental", then press ◄ or ► to change the parental level.
5) Press ▲ or ▼ to select "Password", then press **Number buttons (0–9)** to enter the password.
   Note: You can change the password if you want.
6) Press **ENTER**.
   Now the parental level is changed and locked.

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 **STOP** down on the front panel, press **7** on the remote control. "PASSWORD CLEAR" appears on the screen.
5. Enter a new password again.

■ Select Files

When playing back a CD or Media card containing a mixture of MP3, WMA and JPEG files, only MP3/WMA or JPEG files can be displayed on the file menu.

> **All:**
> Displays all files.
>
> **Music Only:**
> Displays only MP3/WMA files.
>
> **Pictures Only:**
> Displays only JPEG files.

■ HD Jpeg

This DVD video player equipped with a "HD Jpeg". It can display the HD resolution JPEG images when the DVD video player is connected to a HDTV using HDMI.

> **On:**
> Select when you connect the DVD video player to a HDTV via HDMI OUT jack. JPEG images is displayed in suitable picture quality (480p, 720p or 1080i). See page 17.
>
> **Off:**
> The picture processing quality is fixed to 480p.

Notes:
• When the DVD video player is not connected to a TV using HDMI, you cannot select "On".
• When HD Jpeg is set to "On", zoom function is prohibited and component video outputs disabled when 720p or 1080i is selected.

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*C*ustomizing the function settings (continued)

Setting details

■ 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 ►, 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.

Note:
If each setup (pages 35~38) 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.

OPEN/CLOSE
0–9
▲ / ▼
ENTER
RETURN
PLAY
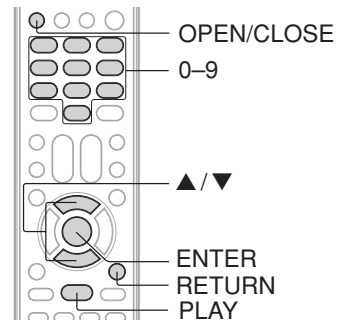
1 Load a DVD disc and press PLAY or OPEN/CLOSE on the unit (see page 20).
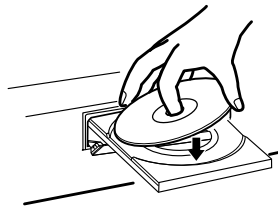
PLAY
OPEN/CLOSE

2 If the DVD disc has been designed to temporarily cancel the Rating level, the screen which follows the "Reading Disc" screen will change, depending on which disc is played. If you select "YES" with the ENTER key, "Your disc exceeds the parental control level#." screen will then appear.

Reading Disc
welcome   TOSHIBA

Your disc exceeds
the parental control level#.

Parental Control Level
Cancel Picture

▲▼/Enter/Return
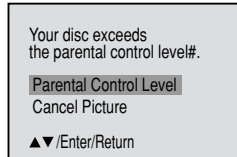
3 If you wish to cancel the set rating level temporarily, select "Parental Control Level" with ▲ or ▼, then press ENTER. If the 4-digit password at step 2 on page 37 has been set, the password entering screen will appear as shown in step 4.
Alternatively, if the password has not been set, playback will commence. If you don't know (or have forgotten) the password, select "Cancel Picture". The setting screen will disappear. Press OPEN/CLOSE to remove the disc.

ENTER
OPEN/CLOSE

4 Enter the password with Number buttons (0–9). Then press ENTER.
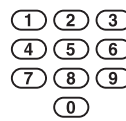
1 2 3 To exit from the entry, press **RETURN**.
4 5 6
7 8 9
0

ENTER

Please enter the
4 - digit password

✱✱✱✱

Enter/0 – 9/Clear/Return

RETURN
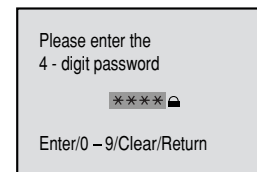
5 Playback will commence if the entered password was correct.

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.

Language code list

Enter the appropriate code number for the initial settings "Menu", "Subtitle" and/or "Audio" (see page 35).

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

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Multi brand remote control

The remote control can be compatible with various brands of TV by setting their control codes. The TOSHIBA code has initially been set to control TOSHIBA TVs.

TV
POWER
0–9
100
DISPLAY
INPUT SELECT
PROGRAM
VOL +/−
ENTER
CH ∧/∨
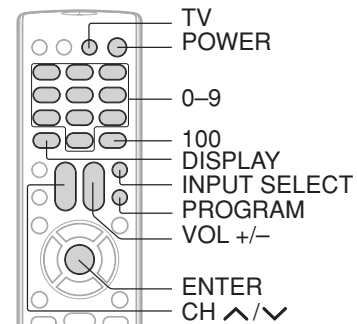
Setting TV control codes

1 **Press TV to set the remote control operating your TV.**

TV

2 **While holding down PROGRAM enter the two digits of your TV's brand code (listed on the right) using Number buttons (0–9), then release PROGRAM.**

PROGRAM
DVD/CARD

1 2 3
4 5 6
7 8 9
0
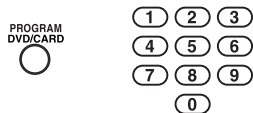
Point the remote control at your TV and use each button listed below to make sure that your TV is operated correctly.

POWER	To turn the TV on or off.
CH ∧/∨	To select TV channels in the upper or lower direction.
VOL +/−	To adjust the sound level.
INPUT SELECT	To select an external source such as a VCR.
Number buttons (0–9)	To select TV channels. When selecting channels 1 to 9, first enter 0 and then desired number.
100	To substitute for 100 channel key.
DISPLAY	To turn on or off TV's screen display.
ENTER	To use for the TV's ENTER key.

Important
Some TV's may not respond to all the operations left, or may not be operated at all with this remote control. In this case, operate your TV with its own remote control.

Notes:
• For some brands, several control codes (brand codes) are allocated. Try each of them until the buttons work on your TV.
• If you replace the remote control's batteries, set the brand code again.

Table of TV brand codes

Brand name of your TV	Brand Code	Brand name of your TV	Brand Code
Toshiba	01	Penney	01, 02, 07, 11, 12
Bell & Howell	09	Philco	10
Carver	10	Philips	10
Celebrity	03	Pioneer	16
Citizen	12	Princeclub	12
Curtis Mathes	09, 12	Prism	07
Dumont	14	Proscan	02
Electro band	03	Proton	11
Emerson	09,11	Pulser	14
Fisher	09	Quasar	07, 15
GE	02, 07, 11	Radio Shack	13
Gibralter	14	RCA	02
Goldstar	11	Realistic	09, 11, 13
Hallmark	11	Runco(NEC)	14
Hitachi	06	Samsung	11, 12
Infinity	10	Sanyo	09
JBL	10	Scotch	11
JCB	03	Scott	11
JVC	05	Sears	01, 02, 09, 10, 11
LXI	01, 02, 09, 10, 11	Sharp	08, 13
Magnavox	10	Sony	03
Marantz	10	Soundesign	11
Megatron	06, 11	Supreme	03
Memorex	04, 09, 11	Sylvania	10
MGA	04, 11	Tandy	08
Midland	02, 07, 14	Technics	07, 15
Mitsubishi	04, 11	Techwood	07
Motorola	08	Teknika	04,10,12
MTC	12	TMK	11
NAD	01, 11	Victor	05
Nikko	11	Vidikron	10
Optimus	09	Vidtech	11
Optonica	08	Wards	10, 11,13
Panasonic	07, 10, 15	Zenith	14

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Troubleshooting guide

Check the following guide for the possible cause of a problem before contacting service.

Symptom	Cause	Correction	Page
No power.	• The power plug is disconnected.	• Connect the power plug securely into the wall outlet.	**15**
No picture.	• The TV is not set to receive DVD signal output.	• Select the appropriate video input mode on the TV so the picture from the DVD video player appears on the TV screen.	**–**
	• The video cable is not connected securely.	• Connect the video cable securely into the appropriate jacks.	**15, 16**
No picture, or the screen is blurred or divided into two parts.	• The output setting is not set correctly.	• Set the output setting to the appropriate mode.	**38**
	• The output setting is set to the Progressive mode though the unit is connected to a TV via the VIDEO out or the S-VIDEO out jack.	• Set the output setting to the Interlace mode.	**38**
No sound.	• The equipment connected with the audio cable is not set to receive DVD signal output.	• Select the correct input mode of the audio receiver so you can listen to the sound from the DVD video player.	**–**
	• The audio cable is not connected securely.	• Connect the audio cable securely into the appropriate jacks.	**15~19**
	• The audio receiver or TV is turned off.	• Turn on the equipment connected with the audio cable.	**–**
	• The unit is in the advanced playback mode.	• Resume the normal playback.	**22**
The playback picture has occasional distortion.	• The disc is dirty.	• Eject the disc and clean it.	**8**
	• It is in fast forward or fast reverse playback.	• Sometimes a small amount of picture distortion may appear. This is not a malfunction.	**–**
Brightness is unstable or noises are present in the playback pictures.	• The effect of copy protection.	• Connect the DVD video player directly to the TV. Avoid connecting the DVD video player to a VCR or TV/VCR combination.	**15**
The DVD video player does not start playback.	• No disc is inserted.	• Insert a disc.	**20**
	• An unplayable disc is inserted.	• Insert a playable disc. (Check the disc type and color system.)	**9**
	• The disc is placed upside down.	• Place the disc with the playback side down.	**20**
	• The disc is not placed within the guide.	• Place the disc correctly inside the guide on the disc tray.	**20**
	• The disc is dirty.	• Clean the disc.	**8**
	• The parental lock function is set.	• Cancel the parental lock function or change the parental lock level.	**37**
	• 🖑 appears on the screen.	• The function is prohibited with the unit or the disc.	**9**
Playback does not follow the course of the disc's program.	• It is in the mode of repeat playback, program playback, etc.	• These operations may prevent a proper progress of the contents.	**–**
Buttons do not work.	• Power supply fluctuations or other abnormalities such as static electricity may interrupt correct operations.	• Turn the power on or off with ON/STANDBY. Or disconnect the power plug and insert it into the wall outlet again.	**–**
The remote control does not work properly.	• The remote control is not pointed at the remote sensor of the DVD video player.	• Point the remote control at the remote sensor of the DVD video player.	**14**
	• The remote control is too far from the DVD video player.	• Operate the remote control within approx. 7 m.	**14**
	• The batteries in the remote control are exhausted.	• Replace the batteries with new ones.	**14**

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Specifications

DVD Video Player

Power supply	120 V AC, 60 Hz
Power consumption	Operation : 12 W Standby : 3.8 W
Mass	4.4 lbs (2.0 kg)
External dimensions	Width : 16 - 15/16 inches (430mm) Height : 1 - 7/8 inches (47mm) Depth : 8 - 1/16 inches (205mm)
Signal system	Standard NTSC
Pickup	CD : Wavelength: 775 - 815 nm Maximum output power: 0.5 mW DVD : Wavelength: 650 - 666 nm Maximum output power: 2.0 mW
Frequency response	DVD : 4 Hz – 22 kHz CD : 4 Hz – 20 kHz
Harmonic distortion	0.008 %
Wow and flutter	Below measurable level
Operating conditions	Temperature: 5 °C to 40 °C, Operation status: Horizontal

Outputs

Video output	1.0 V (p-p), 75 Ω, negative sync., pin jack x 1
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 (DIGITAL COAXIAL)	0.5V (p-p), 75 Ω, pin jack x 1
Audio output (DIGITAL OPTICAL)	Optical connector x 1
Audio output (ANALOG)	–12 dBm, 1k Ω, pin jacks (L, R) x 1

Supplied Accessories

Audio/video cable 1
HDMI cable 1
Remote control (SE-R0169) 1
Batteries (R03/AAA) 2

• 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.

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L̲imited warranty

Limited United States Warranty
DVD Players - 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 PLAYER 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 Player 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 PLAYER WITH A NEW OR REFURBISHED DVD PLAYER WITHOUT CHARGE TO YOU. YOU MUST CONTACT TACP'S CONSUMER SOLUTIONS CENTER FOR INSTRUCTIONS ON HOW TO PROCESS YOUR IN WARRANTY EXCHANGE REQUEST. THE CONSUMER IS RESPONSIBLE FOR ALL INBOUND TRANSPORTATION AND INSURANCE CHARGES FOR THE DVD PLAYER 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 PLAYER WITH A NEW OR REFURBISHED DVD PLAYER 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 PLAYER 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 Players 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 Player. 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 Player 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 Player or parts that have been lost or discarded by you or to damage to the DVD Player 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.

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How to Obtain Warranty Services

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

(1) For instructions on how to obtain warranty service for exchange program DVD Players, 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 Player when sending the DVD Player to the Authorized TACP Service Station specified by TACP's Call Center. You must pay for all transportation and insurance charges for the DVD Player to and from the Authorized TACP Service Station.

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

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