TOSHIBA

DVD VIDEO PLAYER

SD-360ESB
SD-360ESE

OWNER'S MANUAL
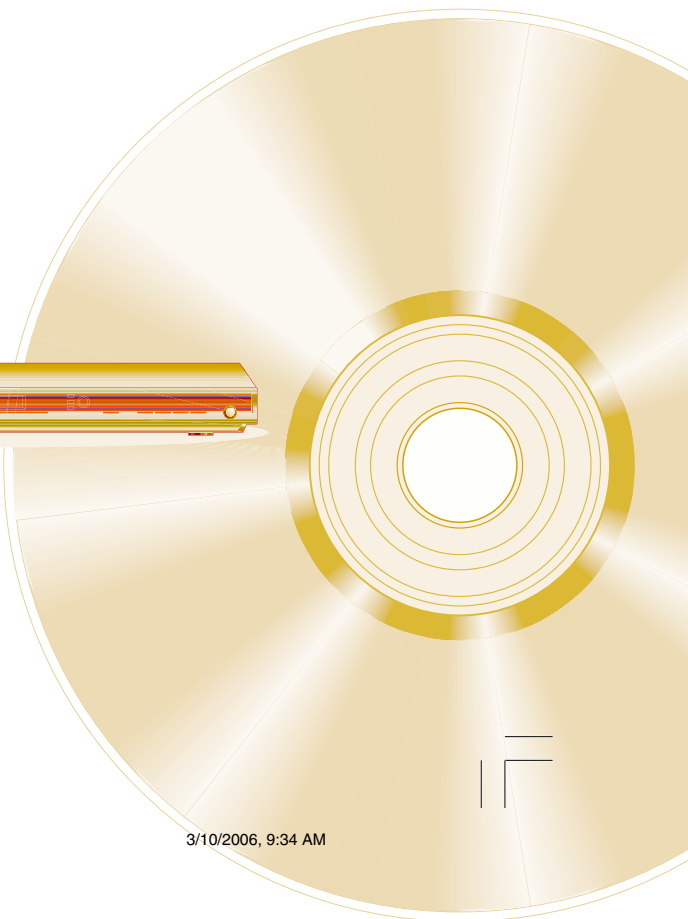
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SAFETY PRECAUTIONS

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.**

CAUTION: This Digital Video Disc Player employs a Laser System.
To ensure proper use of this product, please read this owner's manual carefully and retain for future reference. Should the unit require maintenance, contact an authorized service location.

Use of controls or adjustments or 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 and invisible laser radiation when open and interlocks defeated.
DO NOT STARE INTO BEAM.

```
CLASS 1
LASER PRODUCT
```

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.

The following information applies only to the model for U.K.

General Information

If the socket outlets in your home are not suitable for the plug supplied with this unit, the plug must be cut off and an appropriate one fitted.

The plug severed from this mains lead must be destroyed as it is hazardous if inserted into a live socket.

IMPORTANT
The wires in this mains lead are coloured accordance with the following code:
*BLUE: NEUTRAL*
BROWN: LIVE
As the colours of the wires in the mains lead of this unit may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:
The wire that is coloured blue must be connected to the terminal in the plug which is marked with the letter N or coloured black.
The wire that is coloured brown must be connected to the terminal which is marked with the Letter L or coloured red.

Do not connect either wire to the earth terminal which is marked by the letter E or by the safety earth symbol ⏚ or coloured green or green-and-yellow.

Use a 5A fuse which is approved by ASTA or BSI to BS1362.
Always replace the fuse cover after changing the fuse.

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Location of the required label

The rating plate and the safety caution are
on the rear of the unit.

3
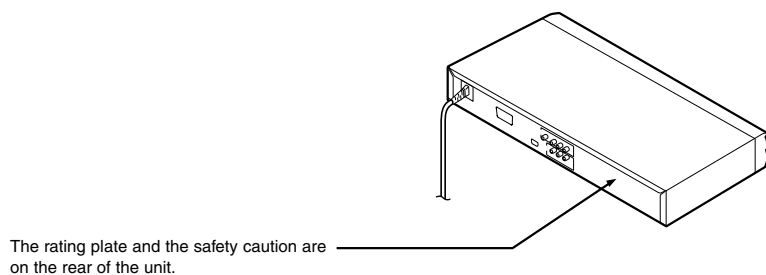
IMPORTANT SAFETY INSTRUCTIONS

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 restrict the air flow of the unit by placing it in a place with poor air flow, by covering it with a cloth, or by placing it on carpeting.

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

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

13. 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.

IMPORTANT SAFETY INSTRUCTIONS

ADDITIONAL SAFETY INSTRUCTIONS

14. When you use headphones, keep the volume at a moderate level. If you use the headphones continuously with high volume sound, it may cause hearing damage.

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

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

17. 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.

18. Do not use a cracked, deformed, or repaired disc. These discs are easily broken and may cause serious personal injury and apparatus malfunction.

19. Be sure to use the unit near the wall outlet. If a malfunction occurs, disconnect the plug from the wall outlet at once.

20. The mains plug is used as the disconnect device, the disconnect device shall remain readily operable at any time.

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SOME DOS AND DON'TS ON THE SAFE USE OF EQUIPMENT

This equipment has been designed and manufactured to meet international safety standards but, like any electrical equipment, care must be taken if you are to obtain the best results and safety is to be assured. So, please read the points below for your own safety. They are of a
general nature, intended to help you with all your electronic consumer products and some points may not apply to the goods you have just purchased.

****

DO read the operating instructions before you attempt to use the equipment.
DO ensure that all electrical connections (including the mains plug, extension leads and inter- connections between the pieces of equipment) are properly made and in accordance with the manufacturer's instructions. Switch off and withdraw the mains plug before making or changing connections.
DO consult your dealer if you are ever in doubt about the installation, operation or safety of your equipment.
DO be careful with glass panels or doors on equipment

****

DON'T remove any fixed cover as this may expose dangerous voltages.
DON'T obstruct the ventilation openings of the equipment with items such as newspapers, tablecloths, curtains, etc. Overheating will cause damage and shorten the life of the equipment.
DON'T allow electrical equipment to be exposed to dripping or splashing, or objects filled with liquids, such as vases, to be placed on the equipment.
DON'T place hot objects or naked flame sources such as lighted candles or nightlights on, or close to equipment. High temperatures can melt plastic and lead to fires.
DON'T use makeshift stands and NEVER fix legs with wood screws - to ensure
complete safety always fit the manufacturer's approved stand or legs with the fixings provided according to the instructions.
DON'T use equipment such as personal stereos or radios so that you are distracted from the requirements of traffic safety. It is illegal to watch television whilst driving.
DON'T listen to headphones at high volume, as such use can permanently damage your hearing.
DON'T leave equipment switched on when it is unattended unless it is specifically stated that it is designed for unattended operation or has a stand-by mode. Switch off using the switch on the equipment and make sure that your family know how to do this. Special arrangements may need to be made for infirm or handicapped people.
DON'T continue to operate the equipment if you are in any doubt about it working
normally, or if it is damaged in any way -switch off, withdraw the mains plug and consult your dealer.

ABOVE ALL
—NEVER let anyone especially children push anything into holes, slots or any other opening in the case - this could result in a fatal electrical shock;

—NEVER guess or take chances with electrical equipment of any kind
—it is better to be safe than sorry!

****

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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. Take care not to give it a shock or shake when carrying.
- Do not use volatile liquids, such as insect spray, near the DVD video player. Do not leave rubber or plastic products in contact with the DVD video player for a long time. 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 come off the proper position and cause damage to 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.
- For stubborn dirt, soak the cloth in a weak detergent solution, wring well and wipe. Use a dry cloth to wipe it dry.
  Do not use any type of solvent, such as thinners and benzene, 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.

Inspection and Maintenance

This DVD video player is a high technology, precision device. If the optical pick-up lens and disc drive parts become dirty or worn down, the picture quality may be reduced. To avoid reduction in picture quality, it is recommended that regular inspection and maintenance (cleaning or parts replacement) be performed every 1,000 hours of use. For further details, contact your nearest consumer electronics dealer.
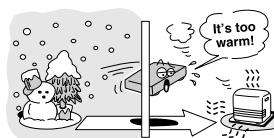
Notes on moisture condensation

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.
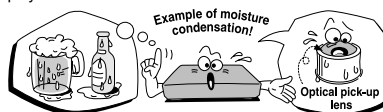

- Moisture condensation occurs during the following cases.
- When you bring the DVD video player directly from a cold place to a warm place.
- When you use the DVD video player in a room where you just turned on the heater, or a place where the cold wind from the air conditioner directly hits the unit.
- 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.

- 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.E-2-135ESE-R.pmd
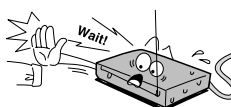
Notes on Discs

On handling discs

● Do not touch the playback side of the disc.

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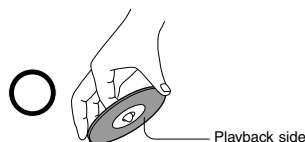
● Do not attach paper or tape to discs.

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.

● If you cannot wipe off the dust with a soft cloth, wipe the disc lightly with a slightly moistened soft cloth and finish with a dry cloth.
● 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.
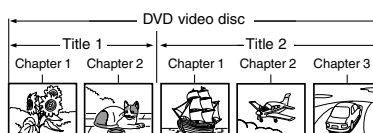
On storing discs

● 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 of the United States and other countries, 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.

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Notes on Discs (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 video player may not respond to all operating commands. This is not a defect in the DVD video player. 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 video player or the disc.

Notes on region numbers

The region number of this DVD video player is 2. 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 video player will display a message on-screen).

On VIDEO CDs

This DVD video player 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 DVD video player 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	Audio + video (moving pictures)	12 cm	Approx. 4 hours (single sided disc)
				Approx. 8 hours (double sided disc)
	DVD VIDEO		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
SUPER VIDEO CDs	*SVCD* VIDEO	Audio + video (moving pictures)	12 cm	35 min.
			8 cm	10 min.
DivX®	**DivX®**	Audio + video (moving pictures)	12 cm	It depends on DivX® quality
			8 cm	

The following discs are also available.
- DVD-R/DVD-RW discs of DVD video format
- CD-R/CD-RW discs of CD-DA, Video CD, MP3 or JPEG format

Some of these discs may be incompatible.

- You cannot play discs other than those listed above.
- You cannot play DVD-RAM discs or non-standardized discs, etc., even if they may be labeled as above.
- This DVD video player uses the NTSC/PAL colour system, and cannot play DVD video discs recorded in any other colour system (SECAM, etc.).

Because of problems and errors that can occur during the creation of DVD and CD software and/or the manufacture of DVD and CD discs, Toshiba cannot assure that this DVD video player will successfully play every disc bearing the DVD and CD logos. 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.

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Identification of Controls

See the page in ⬭ for details.

Front panel

ON/STANDBY button ⟨26⟩

Disc tray ⟨26⟩

DVD display ⟨13⟩

Remote Sensor ⟨15⟩

SKIP buttons ⟨31⟩

OPEN/CLOSE button ⟨26⟩

PLAY button ⟨26⟩

HDMI indicator ⟨20⟩

STOP button ⟨27⟩

Rear panel

VIDEO OUT jack [18]

HDMI OUT
jack [20]

VIDEO OUT (Y/P$_B$/P$_R$)
(Component video) jacks [19]

AC inlet

AC IN~

AV

HDMI OUT

VIDEO
OUT

AUDIO
OUT

R   ANALOG   L   COAXIAL DIGITAL

To wall outlet

AV (SCART) socket [18]

ANALOG AUDIO OUT (L/R)
jacks [18] [19]

COAXIAL DIGITAL
AUDIO OUT jack [22] [23] [24]

DVD display

The indicators vary depending on the kinds of discs you play.

Chapter/Track
number Indicator

No disc

NO

bAd

8888

Multifunctional indicator (indicates
operating status or messages, etc.)

DVD video disc	VIDEO CD	Audio CD	OPEN	LOAD/CLOSE
• During playback: Example	• During playback: Example	• During playback: Example		
2	*3*	*2*	*OPEN*	*LOAd*
Some discs may only display chaper numbers.	Some discs may only display track numbers.	Some discs may only display track numbers.		

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Loading batteries

1 **Open the cover.**

2 **Insert batteries (R03/AAA size).**
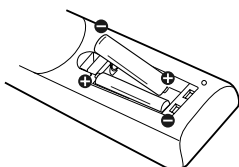
Make sure to match the + and – on the batteries to the marks inside the battery compartment.

Caution
• Never throw batteries into fire.

Notes
• Be sure to use R03/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 about 7 m (23 feet)
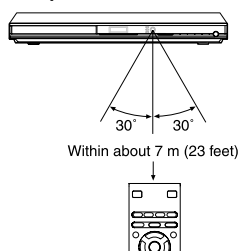
Distance: About 7 m (23 feet) from the front of the remote sensor
Angle: About 30° in each direction of the front of the remote sensor

* 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.
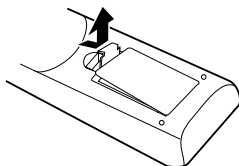• When using the remote control, press the buttons at intervals of about 1 second to ensure the correct mode of operation.
• Do not drop or give the remote control a shock.
• Do not leave the remote control near an extremely hot or humid place.
• Do not spill water or put anything wet on the remote control.
• Do not open the remote control.

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Connections

Read this chapter first to make all necessary preparations.

- **Connecting to a TV**
  (Using the SCART socket)
- **Connecting to a TV**
  (Using the phone type jacks)
- **Connecting to a TV**
  (Using the component video jacks)
- **Connecting to a display**
  (Using a HDMI cable)
- **Connecting to an amplifier equipped with a Dolby® Digital decoder**
- **Connecting to an amplifier equipped with Dolby Surround Pro Logic**
- **Connecting to an amplifier equipped with a DTS decoder**
- **Connecting to an amplifier equipped with an MPEG2 audio decoder**
- **Connecting to an amplifier equipped with a digital audio input**

...DTS playback is selected.

Interlaced outputs

Some TVs or monitors are equipped with component video inputs. Connecting to these inputs allows you to enjoy higher quality picture playback.

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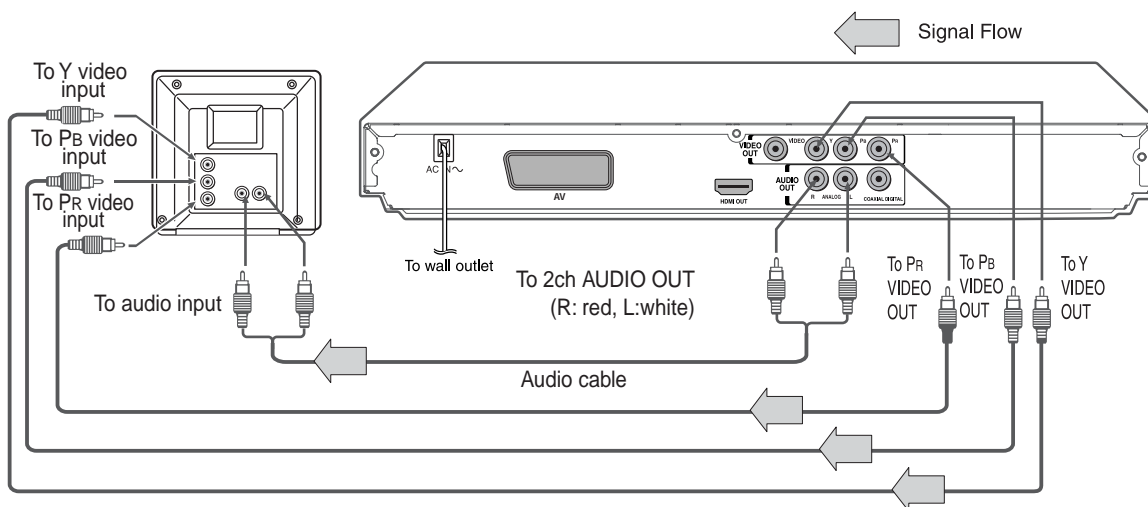
In some TVs or monitors, the color levels of the playback picture may be reduced slightly or the tint may change. In such a case, adjust the TV or monitor for optimum performance.

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.

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 or 625 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 or 625p DVD player, please contact our Customer Service Center.

Connecting to a TV (Using the component video jacks)

Signal Flow

To Y video input
To P$_B$ video input
To P$_R$ video input
To audio input
To wall outlet
AC IN~
AV
HDMI OUT
VIDEO OUT
AUDIO OUT
R ANALOG L
COAXIAL DIGITAL
P$_R$ P$_B$
To 2ch AUDIO OUT (R: red, L:white)
To P$_R$ VIDEO OUT
To P$_B$ VIDEO OUT
To Y VIDEO OUT
Audio cable

■ **Switching the output signal (interlaced / progressive) using the remote control**

You can temporarily switch the output signal for better picture quality.

Press **PROGRESSIVE** on the remote control during stop mode.

Press **PROGRESSIVE** again to turn off progressive mode.

If your TV does not support the progressive scan format, the picture will appear scrambled or blank. To return to normal picture, press **PROGRESSIVE** button again to turn off progressive mode.

• Make the following setting.

On-screen display	Select:	Page
"Digital Output"	"PCM" or "Raw"	61
"Video Output"	Component *P-Scan (Progressive)	59

* Only for TV equipped with component video input jacks which support the progressive scan.

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, high volume sound may damage your hearing as well as the speakers.

• 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.

• Progressive can be on/off only when "Video Output" is set to Component or P-Scan 59.

• In component connections, the screen might become pinkish in colour when the "Video Output" is set to Composite. This is not a defect of this unit 59.

• When the TV system is set to NTSC mode, all output will be forced to NTSC type (eg. 525p (480p), 525i (480i), etc.)

• When the TV system is set to PAL mode, all output will be forced to PAL type (eg. 625p (576p), 625i (576i), etc.)

• Analog audio out will not have sound if DTS playback is selected.
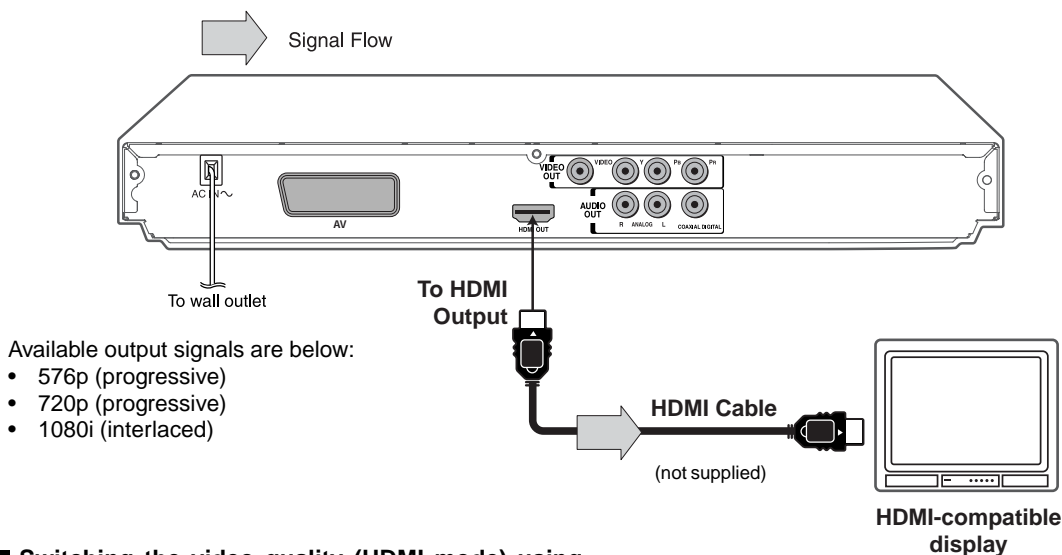
Connecting to a TV (Continued)

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 included 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 a HDMI cable)

Signal Flow

AC IN~

AV

VIDEO OUT   VIDEO   Y   PB   PR

HDMI OUT   AUDIO OUT   R   ANALOG   L   COAXIAL DIGITAL

To wall outlet

To HDMI Output

HDMI Cable

(not supplied)

HDMI-compatible display

Available output signals are below:
• 576p (progressive)
• 720p (progressive)
• 1080i (interlaced)

■ **Switching the video quality (HDMI mode) using HDMI button on the remote control.**

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

Press **HDMI** button on the remote control to change the output signals as below. See the HDMI indicator and select the appropriate output signal.

HDMI indicator	Video output signal
illuminates " • 1080i"	1080i (interlaced)
Press	
illuminates " • 720p"	720p (progressive)
Press	
illuminates " • 576p"	576p (progressive)

Press

576p, 720p and 1080i are signals created with this DVD Player from original 480i/576i signal. The resolution of the picture may not be increased even if they are selected.

• Make the following setting.

On-screen display	Select:	Page
"Digital Output"	"PCM"	**61**
"Video Output"	HDMI	**59**

Content of the output for each output jack is shown in the following table and differ depending on the On-Screen Display Setting:

On-Screen Display Setting		Content of output for each output jack			
"Video Output" Setting	HDMI Output Setting *	HDMI Output	Video Output	Component Output	AV Output
RGB	Invalid	-	Composite	-	RGB
Composite	Invalid	-	Composite	-	Composite
Component (Interlaced)	Invalid	-	Composite	576i	Composite
P-Scan (Progressive)	Invalid	-	Composite	576p	Composite
HDMI	576p	576p	Composite	576p	Composite
HDMI	720p	720p	-	-	-
HDMI	1080i	1080i	-	-	-

* Settings for HDMI output format are performed using the HDMI button on the remote control.
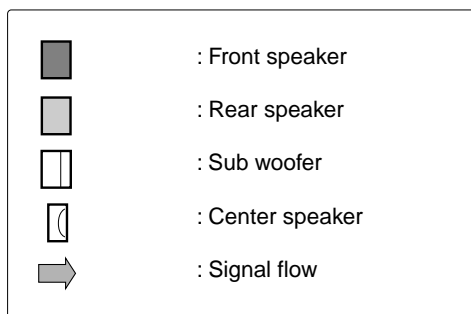
Notes
• Refer to the owner's manual of the connected TV as well.
• When you connect the DVD video player to your TV, be sure to turn off the power and unplug both units from the wall outlet before making any connections.
• If you have a HDMI (with HDCP) equipped monitor or display, you can connect it to this player using a 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/Super VCD, CD and MP3.
• This unit has been designed to be compliant with HDMI (High Definition Multimedia Interface) Version 1.1 depending on the component you have connected. Using a HDMI connection may result in unreliable signal transfers.
• When using HDMI cable, do not connect to other analog video outputs.
• No sound will be output from the HDMI cable if the digital out is not set to PCM 61.
• HDMI output is only available when the Video Output is set to "HDMI". Otherwise the HDMI button is invalid 59.

Connecting to Optional Equipment

You can enjoy high quality dynamic sounds by connecting the DVD video player to optional audio equipment.

- For connection to your TV, see "Connecting to a TV" [18] [19] [20].
- For details of output sound, see [43].
- This section uses the following reference marks.

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

Notes
- DO NOT connect the 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 COAXIAL DIGITAL AUDIO OUT jack of the DVD video player.
- Connect the COAXIAL DIGITAL AUDIO OUT jack of the DVD video player to the "DIGITAL (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 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.

Warning
- When you are connecting (via the COAXIAL DIGITAL AUDIO OUT jack) an AV decoder that does not have Dolby Digital, Digital Theater Systems (DTS) or MPEG2 decoding function, be sure to set "Digital Output" to "PCM" from the on-screen displays [61]. Otherwise, high volume sound may damage your hearing as well as the speakers.
- When playing DTS-encoded discs (DVD Video discs and audio CDs), excessive noise may be output from the analog audio output jacks. To avoid possible damage to the audio system, you should take proper precautions when the analog audio output jacks of the DVD video player are connected to an amplification system. 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.
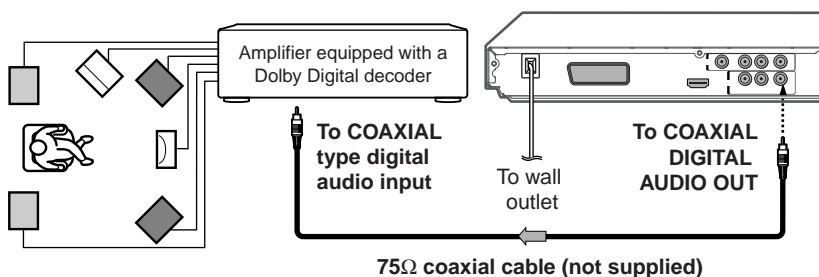
Connecting to an amplifier equipped with a Dolby® Digital decoder

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 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. Confidential unpublished works. Copyright 1992-1997 Dolby Laboratories. All rights reserved.

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

On-screen display	Select:	Page
"Digital Output"	"PCM" or "Raw"	61
Recording system	▢▢ D	43

To COAXIAL type digital audio input To wall outlet **To COAXIAL DIGITAL AUDIO OUT**

75Ω coaxial cable (not supplied)

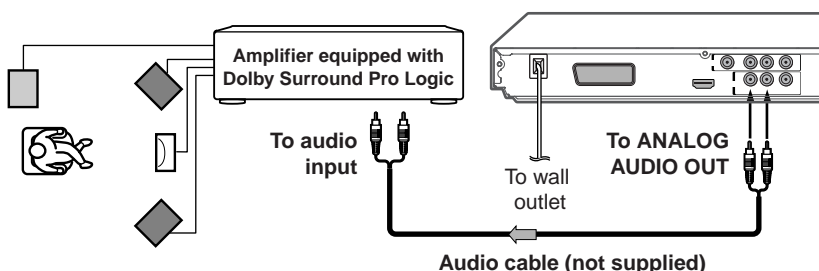# Connecting to an amplifier equipped with Dolby Surround Pro Logic

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.

• Make the following setting.

On-screen display	Select:	Page
"Digital Output"	"PCM" or "Raw"	61

Amplifier equipped with Dolby Surround Pro Logic **To audio input** To wall outlet **To ANALOG 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.

23

# *Connecting to Optional Equipment (Continued)*

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 trademarks of Digital Theater Systems, Inc.
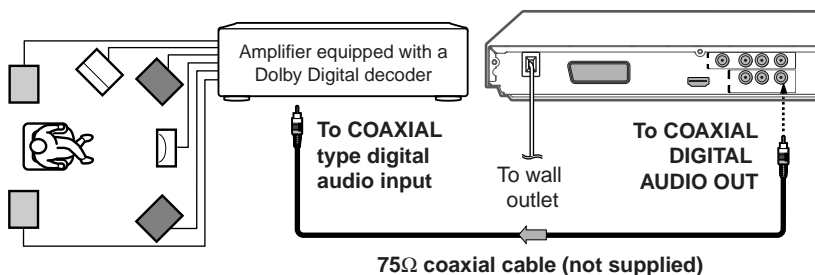
• Use DVD video discs or audio CDs encoded via the DTS recording system.
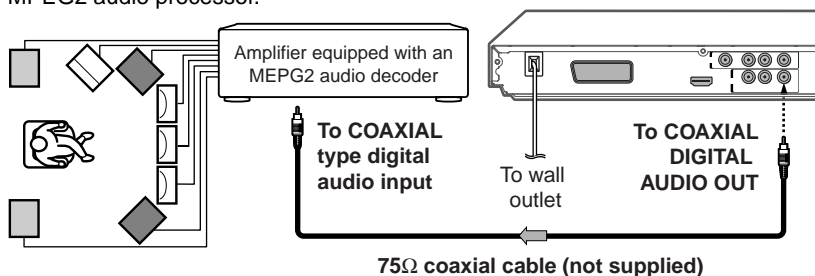• Make the following setting.

Amplifier equipped with a Dolby Digital decoder

To COAXIAL type digital audio input

To wall outlet

To COAXIAL DIGITAL AUDIO OUT

75Ω coaxial cable (not supplied)

On-screen display	Select:	Page
"Digital Output"	"Raw"	61
Recording system	DTS	43

Connecting to an amplifier equipped with an MPEG2 audio decoder

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

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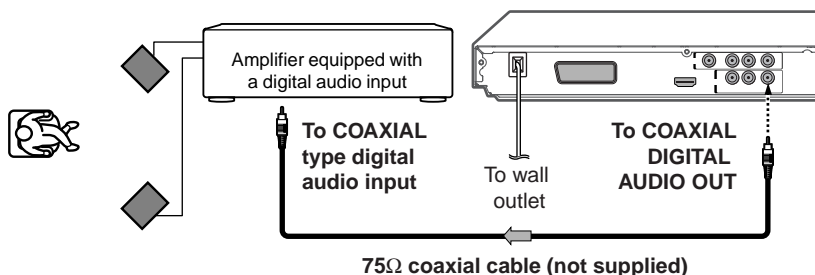• Make the following setting.

Amplifier equipped with an MEPG2 audio decoder

To COAXIAL type digital audio input

To wall outlet

To COAXIAL DIGITAL AUDIO OUT

75Ω coaxial cable (not supplied)

On-screen display	Select:	Page
"Digital Output"	"PCM" or "Raw"	61
Recording system	MPEG2	43

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).

• Make the following setting.

On-screen display	Select:	Page
"Digital Output"	"PCM"	61

Amplifier equipped with a digital audio input

To COAXIAL type digital audio input

To wall outlet

To COAXIAL DIGITAL AUDIO OUT

75Ω coaxial cable (not supplied)
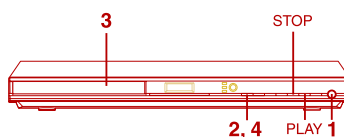
Basic playback

Begin your operation.

● **Playing a Disc**
● **Variable Speed Playback**
● **Locating a Desired Section**

Playing a Disc

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

3   STOP

2, 4   PLAY 1

📀 Basic playback

Preparations
• When you want to view a disc, turn on the TV and select the video input connected to the DVD video player.
• 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 video player.
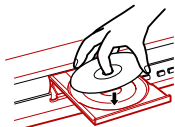
1 Press the ON/STANDBY button.

POWER
The DVD video player turns on.

2 Press OPEN/CLOSE.

OPEN/CLOSE   The disc tray opens.

3 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 video player to malfunction.
• Do not place a disc which is unplayable in this DVD video player.

4 Press OPEN/CLOSE to close the disc tray.

OPEN/CLOSE   Playback starts.

If you insert a DVD video disc that contains a top menu, a menu may appear. Use the ▲/▼/◄/► to select the title you want to view, then press ENTER to start playback. See "Locating a title using the top menu." 30
• You may need to press the TOP MENU or MENU button to display disc menu (depending on the actual DVD video disc.)

Notes
• If the disc tray is holding a disc you have already played, playback will begin from the location where you last stopped. For resuming playback, see 29.

• Some video CD are recorded with **PBC (Playback Control),** a menu with recorded contents may appear on the TV if you have turned the PBC on. You can make your selection according to its PBC menu. Press the **PBC** button on the remote control to turn PBC on or off anytime during Video CD playback. When switching from PBC off to PBC on mode, playback will start from the beginning of the disc. To turn on the menu display again, press the **RETURN** button.

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

PLAY

26

2, 4
1

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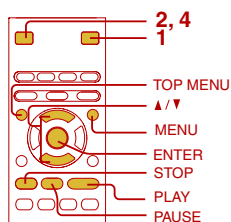
■ **To obtain a higher quality picture**
Occasionally, some picture noise not usually visible during a normal broadcast may appear on the TV screen while playing a DVD video disc because the high resolution pictures on these discs include a lot of information. While the amount of noise depends on the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

■ **About** DVD VCD CD
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.

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

PAUSE/STEP
II/▶

To resume normal playback, press the PLAY button.

• The sound is muted during still mode.

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

STOP
■

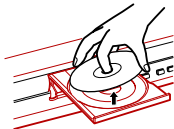■ **To remove the disc**
Press **OPEN/CLOSE.**

OPEN/CLOSE
▲

Remove the disc after the disc tray opens completely.

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

■ **To turn the power off (To enter the standby mode)**
Press ON/STANDBY to turn the unit to standby mode.

Note
Be aware that this equipment is still powered even on standby mode. To disconnect this equipment completely from the main power, pull out the power plug from the wall outlet.

■ **About the screen saver**
When you leave the unit in DVD stop mode for approximately 2 minutes, the screen saver of the DVD video player automatically appears. To turn off the screen saver, press the PLAY button.

■ **Automatic Power Off function**
If the DVD video player is stopped, or the screen saver is engaged for approximately 20 minutes, the DVD video player will automatically turn itself off.

Notes
• Do not move the DVD video player during playback. Doing so may damage the disc.
• Use the OPEN/CLOSE button to open and close the disc tray. Do not push the disc tray while it is moving. Doing so may cause the DVD video player 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 DVD video player 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 the STOP button on your remote control once the movie is completed.

27

Basi

DVD VCD Playing in slow-motion

Press SLOW during playback.

SLOW
▐►

Each time you press the SLOW button, the slow-motion speed changes in the following sequence:

▐► 1/2 ⟶ ▐► 1/4 ⟶ ▐►1/8

▐► 1/2

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

PLAY
►

Notes
• The sound is muted during slow-motion playback.
• 3 speeds are available.

DVD VCD CD Resuming playback from the same location

1 Press STOP at the location where you want to interrupt playback.

STOP
■

The DVD video player memorizes the location where playback is stopped.

2 Press PLAY.

PLAY
►

The DVD video player resumes playback from the location where you stopped playback.

■ **To start playback from the beginning regardless of the location where you stopped playback.**

1 Press **STOP** twice.

STOP
■

The DVD video player deletes the memory of the location.

2 Press **PLAY.**

PLAY
►

DVD Playback starts from the beginning of the current title.

VCD CD Playback starts from the beginning of the disc.

• If you want to return to the beginning of a DVD video disc, open and close the disc tray once with the OPEN/ CLOSE button before pressing the PLAY button.

Notes
• Resuming cannot function when:
 – you play a PBC-featured VIDEO CD while "PBC" is set to "On".
 – you open the disc tray.
 – you disconnect the power plug of the DVD video player.
• There may be a difference in the location where playback resumes depending on the disc.
• Settings you changed using the on-screen displays while the DVD video player keeps a location in the memory may function only after the memory is cleared.
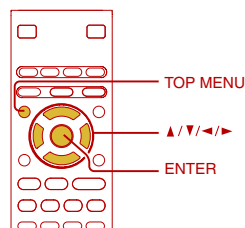
29

Locating a Desired Section

TOP MENU

▲ / ▼ / ◄ / ►

ENTER

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. You can quickly locate any specific title, chapter, or track.

| Chapter 1 | Chapter 2 | Chapter 1 | Chapter 2 | Chapter 3 |
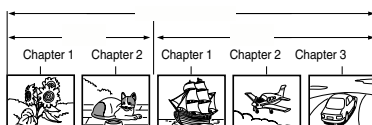
Locating a title using the top menu

1 **Press TOP MENU.**

The top menu appears on the TV screen.

e.g.

2 **Press ▲ / ▼ / ◄ / ► to select the title you want.**

If the titles in the top menu are assigned a number, you can directly locate a specific title by pressing its designated number with the number buttons.

3 **Press ENTER.**

Playback starts from chapter 1 of the selected title.

Notes
• The instructions above describe basic procedures which may vary depending on the contents of the DVD video disc. If different instructions appear on the TV screen, follow those instructions.
• If you display the top menu during playback and press the TOP MENU button again without selecting any title, the DVD video player may resume playback from the point where you first pressed the TOP MENU button (depending on the actual DVD video disc.)
• This method of locating a title is available only on a disc that contains a top menu.
• Instruction notes of discs may refer to the button that displays the top menu as TITLE button.

Locating a desired section

1 **Press T.**
   Press ▲ / ▼ to highlight the Title
   or Track.
   If you are using a VIDEO CD/audio
   Then at step 3, enter the number for the track
   using the number buttons.

   SEARCH
   (T)

   ▲
   ◄ ENTER ►
   ▼

   DVD

   Search

   Title
   Chapter
   Ti

2 **Press ◄ / ► to select a section you w**
   to locate.

   ▲
   ◄ ENTER ►
   ▼

   e.g. When you want to locate

Locating a

Press SKIP
the chapter
Playback st

Advanced playback

Customizing the performance of your DVD video player.

- ● **Accessing a Specific Location Directly**
- ● **Repeating a Specific Segment**
- ● **Playing in a Varied Order**
- ● **Playing in a Favourite Order**
- ● **Zooming a Picture**
- ● **Selecting the Picture Enhancement (E.P.M.)**
- ● **Selecting the Sound Enhancement (E.A.M.)**
- ● **Selecting the Camera Angle**
- ● **Selecting Subtitles**
- ● **Selecting a Language**
- ● **On-screen Display Operation**
- ● **Playing MP3 Files**
- ● **Viewing JPEG Files**
- ● **Playing DivX®/MPEG-4 Files**

Accessing a Specific Location Directly

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

CLEAR

▲ / ▼ / ◄ / ►

ENTER
PLAY

T
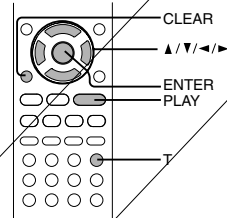
DVD VCD CD **Entering the time counter of the desired location**

1 **Press T.**

Press ▲ / ▼ button to highlight the time counter.

SEARCH
T ➡ DVD

Search

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

Search

e

2 **Press the number buttons to enter the time.**

e.g.

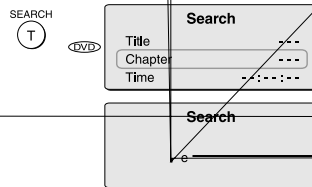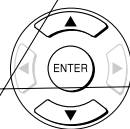• The first number you entered represents hours.
• The second two numbers you entered represent minutes.
• The third two numbers you entered represent seconds.
• If you input a wrong number, press CLEAR.

3 **Press ENTER.**

ENTER

Playback starts from the desired location.

Notes
• Some discs may not respond to this process.
• Some scenes may not be located precisely as you specified.
• This method for accessing specific locations is available only within the current title of the DVD video disc or within the current track of the VIDEO CD / audio CD.

■ **To set and play favourite bookmark during playback**

1. Press T twice, the display of Bookmark appears, then press ENTER to mark the desired scene.

SEARCH
T

ENTER

Bookmark 1	- - : - - : - -
Bookmark 2	- - : - - : - -
Bookmark 3	- - : - - : - -
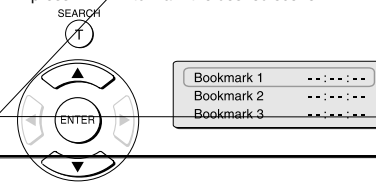
2. Press ENTER to play the favourite bookmark.

■ **To set other bookmarks.**

Follow step 1 and move through the menu by pressing the ▲ or ▼ button.

■ **Press T again to remove this display.**

SEARCH
T

■ **To cancel the Bookmark**

Follow step 1, then press CLEAR to cancel the bookmark. Move through the menu by pressing the ▲ or ▼ button to cancel other bookmarks.

CLEAR

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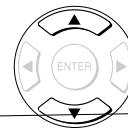
Notes
• Some discs may not work with marking operation.
• The marking is cancelled when you open the disc tray or turn the power off.
• Some subtitles recorded around the marker may fail to appear.

Repeating a Specific Segment

You can specify a desired segment and repeat it.
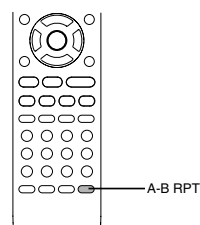
A-B RPT

<table>
<tr><td>DVD
VCD
CD</td><td>**Repeating a specific segment**</td></tr>
</table>

1 **Press A-B RPT at the beginning of the segment (point A) you want to play repeatedly.**

A-B RPT

Rep A-

2 **Press A-B RPT again at the end of the segment (point B).**

A-B RPT

The DVD video player automatically returns to point A and starts repeat playback of the selected segment (A-B).

Rep A-B

■ **To resume normal playback**

Press **A-B RPT** until **Rep off** is displayed.

A-B RPT

Rep Off

Notes
- Some discs may not permit A-B repeat operation.
- You cannot set the A-B repeat function for a segment that includes multiple camera angles [41].
- You can specify a segment only within the current title or track (VIDEO CD).
- There may be a slight difference between point A and the location where playback actually resumes depending on the disc.

Advanced playback

35

Playing in a Varied Order

You can play titles, chapters within a title, or tracks in a varied order.

ENTER

▲/▼

2

1
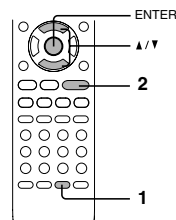
DVD VCD CD **Playing titles, chapters or tracks in a varied order**

1 **Press PLAY MODE.**

Press ▲ / ▼ button to select desired features and then press ENTER button to toggle desired mode.

e.g.

Play Mode	
Random	: Off
Repeat	: Off

DVD VCD CD

┌→ Off
│   ↓
└─ On

DVD

┌→ Off
│   ↓
│ Chapter
│   ↓
└─ Title

VCD CD

┌→ Off
│   ↓
│ Track
│   ↓
└─ All
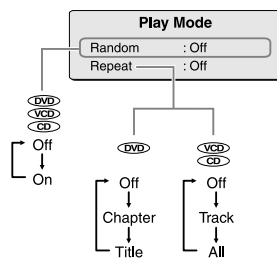
Chapter:
Repeats the chapters within the current title.
Title:
Repeats the current title.
Track:
Repeats the current track.
All:
Repeats the entire disc.
Off:
Resumes normal playback.

2 **Press PLAY.**

PLAY
▶

Press the PLAY button, the DVD video player starts playback in the selected mode.

■ **To resume normal playback**
Press **ENTER** until the **Off** is displayed.

Note
Some discs may not permit these operations.

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Playing in a Favourite Order

You can combine your favourite titles, chapters, or tracks and play them in the order you determine. You can program up to 12 selections into the memory. (Memory playback)

Setting titles, chapters, or tracks in a favourite order

1 Insert a disc and press MEMORY during stop.

The following display appears.

2 Select the items in the order you want by pressing the number buttons.

Each time you press the ▲ / ▼ / ◄ / ► button, the space is highlighted in turn. Highlight where you want to enter, then press the corresponding number buttons.

To select another chapter in the same title, you need to select the title number.

To select tracks from a VIDEO CD/audio CD in order, press the **number buttons** for the track.

3 Press ▲ / ▼ / ◄ / ► to move the highlighted bar to Play Memory, then press the ENTER.

The DVD video player starts memory playback.

■ **To change the programmed selections**
1. While the display appears on the TV screen, press ▲ / ▼ / ◄ / ► to move the highlighted bar to the item you want to change, then press CLEAR.
2. Press number buttons to input the new title/chapter/track number.

■ **To cancel the programmed selections**
1. While the display appears on the TV screen, press ▲ / ▼ / ◄ / ► to move the highlighted bar to the item you want to cancel.
2. Press CLEAR.

■ **To resume normal playback from memory playback**
Press **MEMORY** button.
Press ▲ / ▼ / ◄ / ► to move the highlighted bar to **Clear All**, then press the **ENTER**. All the input programs will be cleared.
Press **PLAY** button to resume normal playback.

Normal playback will start from first location.

■ **To program during playback**
If you press the **MEMORY** button during playback, a programming display appears.
Follow steps 2 and 3.

Notes
• Some discs may not permit memory playback operation.
• If you select repeat

37

Selecting the Picture Enhancement (E.P.M.)*

You can easily select a preferred picture enhancement.

*E.P.M.: Enhanced Picture Mode

2

E.P.M.

DVD VCD CD Selecting the picture enhancement

1 **Press E.P.M.**

E.P.M.

The picture enhancement menu appears.

Smart Picture	1	10
Sharpness	1	8

2 **Select the picture enhancement by pressing ▲ / ▼, then press ◄ / ► to make your selections.**

Each time you press the ◄ / ► button, the picture enhancement changes.

■ **To exit the picture enhancement selection**
  Press **E.P.M.** again.

E.P.M.

Note
Actual effect to picture may vary depending on the TV. Make selection according to your preference.

Advanced playback

39

Selecting the Sound Enhancement (E.A.M.)*

You can easily switch a preferred audio enhancement.

*E.A.M.: Enhanced Audio Mode

E.A.M.

Selecting the sound enhancement

1 **Press E.A.M.**

E.A.M.

The sound enhancement will appear:

> **3D Effects On**

Press the E.A.M. button again, the sound enhancement change to Off.

3D*:
To obtain expansive virtual surround sound effects from two speakers.

To use this enhancement on sounds output from the ANALOG AUDIO OUT jacks, be sure to set "Digital Output" to "PCM".

* Effective in playback of a DVD video disc or a VIDEO CD.

■ **To exit the audio enhancement selection**

Leave the DVD video player unattended for about a few seconds after having made a selection.

Notes
• Actual effects to sounds may vary depending on the speaker system. Make selection according to your preference.
• Actual effects to sounds may vary depending on the disc.
• When the DVD video player is connected to an amplifier equipped with Dolby Surround Pro Logic, select "3D Effects On". Otherwise, Dolby Surround Pro Logic may function differently than usual.

40

Selecting the Camera Angle

If the scene was recorded from multiple angles, you can easily change the camera angle of the scene you are watching.
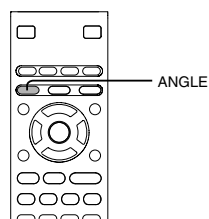
ANGLE

DVD Changing the camera angle

1 **Press ANGLE while playing a scene recorded with multiple angles.**

ANGLE

While playing a scene recorded with multiple angles, press the ANGLE button.

e.g.

    2/3
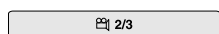
Number changes to show the number of the current angle. (The maximum number of possible angles is 9)

2 **Press ANGLE while the angle number is displayed on the TV screen.**

ANGLE

Press the ANGLE button repeatedly to change the scene to the next angle in those recorded.

• About two seconds later, playback continues from the new angle you selected.
• If no button is pressed within 10 seconds, playback continues without changing the current angle.

■ **To resume normal playback**

Press the ANGLE repeatedly until the " 1/3 " is displayed.

Notes:
• This function can only be used for discs on which scenes shot from multiple angles have been recorded.
• If only one angle is recorded, " 1/1 " is displayed.

Advanced playback

41

Selecting Subtitles

You can display subtitles on the TV screen and select a subtitle language
from those included on the DVD video disc.

Selecting a subtitle language

1 Press SUBTITLE during playback.

The current subtitle setting is
displayed.

e.g.

**2 Press SUBTITLE while the subtitle setting
is displayed on the TV screen.**

Each time you press the SUBTITLE
button, the subtitle languages included
on the DVD video disc change.

To turn off the subtitle setting display,
press the SUBTITLE button
repeatedly until ⌐ **off** is displayed.

■ **To turn subtitles on or off**

1. Press **SUBTITLE** during playback.

2. Press SUBTITLE repeatedly until the ⌐ **off** is
displayed.

Notes
• Some DVD video discs are set to display subtitles
automatically, and you cannot turn them off even if you set
the subtitle function to off.
• During some scenes, the subtitles may not appear
immediately after you select your desired.
• Some DVD video discs will allow you to make subtitle
selections and turn subtitles on or off only via the disc menu.

Notes
• When you turn on the DVD video player or replace a disc, the player returns to the initial default setting 63.
When you select a subtitle language which is not included on the disc, the DVD video player plays a prior language programmed
on the disc.
• During some scenes, the subtitles may not appear immediately after you change the subtitle language.

42

Selecting a Language

You can select a preferred language and sound recording system from those included on the DVD video disc.

Good morning! ← Bonjour! ← ¡Buenos días! ● ● ●

AUDIO

[DVD] [VCD] Selecting a playback audio setting

1 Press AUDIO during playback.

AUDIO

The current audio setting is displayed.

e.g.

2/4 ◻◻ D 2 Ch Eng

Recorded audio format number changes sequentially. (The maximum number of possible audio formats is 8.)

The abbreviation of the language appears instead of the language name. Refer to the list of languages and their abbreviations 64.

2 Press AUDIO while the audio setting is displayed on the TV screen.

AUDIO

Each time you press the AUDIO button, the audio settings included on the DVD video disc change.

The audio setting display will disappear after a few seconds.

Notes
- When you turn on the DVD video player or replace a disc, player returns to the initial default setting 63.
  If you select a sound track which is not included on the disc, the DVD video player plays a prior sound track programmed on the disc.
- Some discs allow you to change audio selections only via the disc menu. If this is the case, press the MENU button and choose the appropriate language from the selections on the disc menu.

■ **Selecting sound channels of VIDEO CDs**

AUDIO

Press AUDIO repeatedly during playback to hear a different audio channel (stereo, Left or Right).

■ **Output sound conversion table**

- Signals of 96kHz from the COAXIAL DIGITAL AUDIO OUT jack are depressed to 48 kHz by down sampling process when:
  – "3D Effects On" is selected. 40
  – a copyright protected disc is played.
- Quantization bit of signals of 20 bit or higher which is output from the COAXIAL DIGITAL AUDIO OUT jack is 16 bit if they are in a copyright protected disc.

⬚ : 3D sound enhancement can function.

43

On-screen Display Operation

When you turn on the on-screen display, you can view information on operational status and access features and settings.

NAVI

◄/►

ENTER

DVD VCD CD On-screen display operation

Press NAVI.

NAVI

The following display appears.

See the pages in ⬭ for details on the features.

e.g. When playing a DVD video disc.

**Select by pressing ◄ / ►
then press ENTER to
access the feature.**

10/20 2/32   00 : 04 : 32 |◄◄ ►►| ► ■ ■

Title number

Chapter number
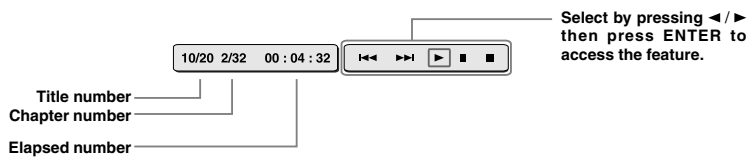
Elapsed number

■ **Features**

Title number (Track number)
Locate a title or track using the number buttons. ⟨31⟩

Chapter number
Locate a chapter using the number buttons.
⟨31⟩

Elapsed time of the current title or track
To enter the time to locate a desired location.
⟨34⟩

■ :   To stop playback. ⟨27⟩

|◄◄ :   Playback starts from the beginning of the current chapter or track. ⟨31⟩

► :   To start playback. ⟨26⟩

►►| :   To locate succeeding chapters or tracks. ⟨31⟩

❚❚ :   To pause playback. ⟨27⟩

On-screen Display Operation (Continued)

On-screen display operation

■ **Viewing the operational status**

1. Press **DISPLAY.**
   The following display appears.

Time count
DVD Ela
VCD

■ **Playable files**

MP3 disc compatibility with this player is limited as follows:

- Playable discs: CD-ROM, CD-R (650MB / 74 min. only)
                           CD-RW is not recommendable.
- Sampling Frequency: 44.1 kHz only
- Bit rate: 32 kbps - 320 kbps (CBR*)
- CD physical format: Mode 1, Mode 2 XA Form 1
- File system: ISO9660 Level 1, 2 or Joliet
- File name: A file name should be in alphabet and numerals only, and must incorporate "MP3".
                           e.g."********.MP3".
- Total number of folders: Less than 256
- Total number of files: Less than 1000

* CBR = Constant Bit Rate

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

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 formats, prior to the downloading thereof. Toshiba has no right to grant and does not grant permission to download any copyrighted content.

Note
When the MP3 file is out of the above specifications, the song may be skipped or muted with counter moving.

47

Viewing JPEG Files

You can play JPEG files that have been recorded on a CD-R or CD-ROM on the DVD video player.
You can select a preferred view: a page of 9 thumbnail images or a single image view.
Also, rotating, enlarging and shifting of each image can be possible.

TOP MENU
ANGLE
ENTER
▲ / ▼ / ◄ / ►
PAUSE/STEP
PLAY
SKIP
STOP
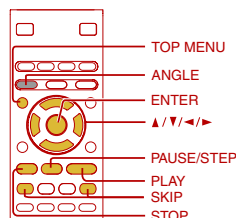
Viewing JPEG files

■ Preparations
• Prepare a disc that contains JPEG files you want to view. 50
• Make your TV shape conform to the 4:3 picture size. Only 4:3 pictures can be played regardless of the function settings via the on-screen displays of the DVD video player. If the TV is adjusted to other sizes, e.g. "16:9", images will appear to be horizontally expanded. For details, refer to the owner's manual of your TV.
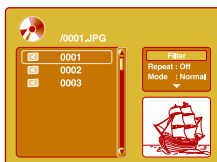
1 **Press OPEN/CLOSE to open the disc tray, place a disc that contains JPEG files.**

OPEN/CLOSE
▲

Press OPEN/CLOSE to close the disc tray. A list of folders/files will appear on the screen.

A list of files in the disc appears. (Selection mode) e.g.

/0001.JPG
0001
0002
0003
Filter
Repeat : Off
Mode : Normal

ENTER

Press ▲ / ▼ button to select your desired file, and then press ENTER or PLAY button to start playback.
Press STOP to display a folder list.

STOP
■

Note
When you press ▲ / ▼ button to select the left file, the selected picture will appear at the lower right corner.

■ **To quit the JPEG playback, press STOP.**
STOP
■
• Pressing the OPEN/CLOSE button to open the disc tray can also quit the playback.

■ **To pause playback**
Press PAUSE/STEP during playback
PAUSE/STEP
II/I►
To resume normal playback, press PLAY.

■ **To change the image**
SKIP
►►I
To view the succeeding image, press SKIP ►►I .

SKIP
I◄◄
To view the previous image, press SKIP I◄◄ .

■ **To magnify image**
Press ZOOM repeatedly.
ZOOM
Each time you press the ZOOM button, the magnification level changes as follows:

$$Q\ 2 \rightarrow Q\ 4 \rightarrow Q\ 16 \rightarrow Q\ Off$$

Press the ▲ / ▼ / ◄ / ► buttons to view a different part of the image. You may move the image from the centre position to UP, DOWN, LEFT and RIGHT direction. When you reach the edge of the image, the display will not shift anymore in that direction.

■ **To rotate an image**
Press the ANGLE button repeatedly. The image will rotate in the clockwise direction as follows:

ANGLE

→ 90° →180° →270°
No Rotation (original) ◄

■ **To resume normal playback**
Press the ZOOM repeatedly until the Q Off is displayed.

ZOOM
• Original picture is restored when the Q Off appears.
• Depending on the file size, some files may not display the entire image.

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Viewing a thumbnail view

1 **Press TOP MENU in full-screen review.**

TOP MENU

e.g.

Press the ▲ / ▼ / ◄ / ► to select an image, press PLAY to view one image in full-screen and automatically images will be displayed one by one again in a few seconds.

■ **Turn the page if necessary**

Press SKIP ⏮ / ⏭ to review other thumbnail screen.

SKIP   SKIP

■ **To quit the JPEG playback, press STOP.**

STOP

• Pressing the OPEN/CLOSE button to open the disc tray can also quit the playback.

■ **To pause playback**

Press PAUSE/STEP during playback

PAUSE/STEP

To resume normal playback, press PLAY.

Notes
• Depending on the file size, some files may not display the entire image.
• If you press the TOP MENU in full-screen review, the DVD video player will display a menu of 9 thumbnail images.

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JPEG files compatibility

Discs whose compatibility with this DVD video player has been confirmed by TOSHIBA are as follows.
Many of these discs, when loaded, will make the DVD video player enter the automatic mode to play a prescribed folder in the disc. To play other folders, display a folder list and select a folder.

CANON QuickCD
FUJICOLOR CD
Kodak Picture CD
NORITSU QSS CD

JPEG disc compatibility with this DVD video player is limited as follows:
|	
• Playable discs:	CD-ROM, CD-R (650MB / 74 min. only)
	CD-RW is not recommendable.
• CD physical format:	Mode 1, Mode 2 XA Form 1
• File system:	ISO9660 Level 1, 2 or Joliet
• File name:	A file name should be in alphabet and numerals only, and must incorporate "JPG" extension.
	e.g."********.JPG" (Do not name the file with "JPE" or "JPEG" extension.)
• Total number of folders:	Less than 256
• Total number of files:	Less than 1000

Depending on the file size, some files may not display the entire image.

Some discs may not permit this operation. Especially, the following conditions of included files will increase the disc's disability.
1. Pixels over 3072 x 2048 in height and/or width
2. File format except Exif

50

Playing DivX®/MPEG-4 Files

You can play DivX® and MPEG-4 files that have been recorded on a CD-R or CD-ROM on the DVD video player.

OPEN/CLOSE

▲ / ▼

ENTER
PLAY
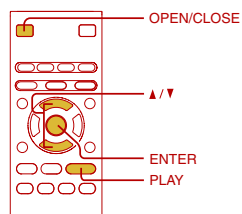
Playing DivX®/MPEG-4 files

1 **Press OPEN/CLOSE to open the disc tray, place a disc that contains DivX® or MPEG-4 files.**
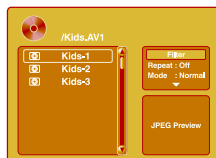
OPEN/CLOSE

⏏

Press OPEN/CLOSE to close the disc tray, after completion of reading, a list of folders in the disc will appear.

A list of folders in the disc appears.

e.g.

/Kids.AV1

Kids-1
Kids-2
Kids-3

Filter
Repeat : Off
Mode : Normal

JPEG Preview

ENTER

Press ▲ / ▼ to select your desired file, and then press ENTER or PLAY button to start playback.

Press STOP to display a folder list.

PLAY

►

Notes
• It is recommended you record same kind of files in a CD-ROM or CD-R.
• Some DivX® Video-On-Demand files may require registration code of your DVD video player, you may get the code in Rating settings 63 .

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■ **Playable files**

DivX® / MPEG-4 disc compatibility with this player is limited as follows:

• Playable discs:	CD-ROM, CD-R (650MB / 74 min. only)
	CD-RW is not recommendable.
• DivX® versions:	DivX® 3.11, 4.12, 5.0, 5.1
• Audio format:	CBR MP3, VBR MP3, Mono MP3, DivX® AC3
• Enhance video:	GMC, Qpel, Progressive B-frames
• Frame rate:	8 to 25 fps
• CD physical format:	Mode 1, Mode 2 X A Form 1
• File system:	ISO9660 Level 1, 2 or Joliet
• File name:	A file name should be in alphabet and numerals only, and must incorporate "MPG" or "AVI" extension.
	e.g. " *******.MPG ", " *******.AVI "
• Total number of folders:	Less than 256
• Total number of files"	Less than 1000

DivX, DivX Certified, and associated logos are trademarks
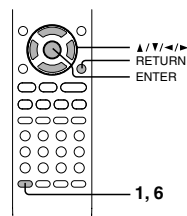of DivX, Inc. and used under license.

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Function setup

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

● **Customizing the Function Settings**

● **Table of Languages**

Customizing the Function Settings

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

▲ / ▼ / ◄ / ►
RETURN
ENTER

1, 6

DVD VCD CD Setting procedure

1 Press SETUP during stop.

SETUP

The following on-screen display appears.

Language	OSD Menu : English
Video	Subtitle : Off
Audio	DivX Subtitle : Unicode (UTF-8)
Rating	Audio : English
Default	DVD Menu : English

2 Press ▲ / ▼ to select an option for the setting you want to change, then press ►.

(See the next page.)
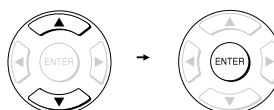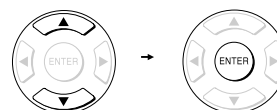
ENTER

Language settings

Video settings

Audio settings

Rating settings

Default settings

3 Press ▲ / ▼ to select the setting you want to change, then press ENTER.

ENTER → ENTER

4 Change the selection by ▲ / ▼ buttons, by referring to the corresponding pages, then press ENTER.

ENTER → ENTER

5 Repeat steps 3 and 4 to change other settings.

To select another option, press ◄ to go back to step 2.

6 Press SETUP.

SETUP

The on-screen display disappears.

Note
To quit the procedure, press the SETUP button to turn off the on-screen display.

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Setting		Details	Page

Language

OSD Menu	DVD VCD CD	To select a preferred language for on-screen display.	56
Subtitle	DVD	To select a preferred language for subtitles.	56
DivX® Subtitle		To select a preferred language for your DivX® video disc.	57
Audio	DVD	To select a preferred language for the sound track.	57
DVD Menu	DVD	To select a preferred language for disc menus.	57

Video

TV Shape	DVD	To select a picture size according to aspect ratio of your TV.	58
View Mode	DVD VCD CD	To select desired view mode for 4:3 TV shape.	58
TV System	DVD VCD CD	To select a TV system according to your TV.	59
Video Output	DVD VCD CD	To select whether you send Composite, Component, RGB, P-Scan or HDMI signals to the connected TV.	59
HD Resolution		To select the HD Resolution.	60
HD Jpeg Mode		To select On or Off for HD Jpeg Mode.	60
JPEG Interval		To select the JPEG Interval.	60

Audio

Digital Output	DVD VCD CD	To select an output sound format corresponding to your system connection.	61
Night Mode	DVD VCD CD	To select the night mode.	61

Rating

Parental	DVD	To turn the parental lock function on or off.	62
Set Password	DVD	To create a personal security code.	62
Dim Ctrl		To turn the dim control on or off.	63

Default

Using Default Settings	DVD VCD CD	To return the initial settings such as Language, Video, Audio and etc. to the factory default.	63
DivX® registration		To get your DVD Video Player DivX® registration code.	63

Function setup

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Customizing the Function Settings (continued)

Setting details

Language

Language	OSD Menu	: English
Video	Subtitle	: Off
Audio	DivX Subtitle	: Unicode (UTF-8)
Rating	Audio	: English
Default	DVD Menu	: English

OSD Menu   DVD VCD CD

English:	To view on-screen displays in english.
Français:	To view on-screen displays in french.
Español:	To view on-screen displays in spanish.
Deutsch:	To view on-screen displays in german.
Italiano:	To view on-screen displays in italian.

1) Press SETUP button.
2) Press ▶ button to select the OSD Menu.
3) Press ENTER button, then the ▲ / ▼ button to shift and change the Language.
4) Press ENTER button.
5) Press SETUP button to exit the menu.

Subtitle   DVD

English:	To display subtitles in english.
Deutsch:	To display subtitles in german.
Français:	To display subtitles in french.
Español:	To display subtitles in spanish.
Italiano:	To display subtitles in italian.
Auto:	To display subtitles in different languages other than you selected.
Off:	To disable subtitles.

1) Press SETUP button.
2) Press ▶ button, then the ▲ / ▼ button to select the Subtitle.
3) Press ENTER button, then the ▲ / ▼ button to shift and change the Language.
4) Press ENTER button.
5) Press SETUP button to exit the menu.

Notes
• Some DVD video discs may be set to display subtitles in a different language other than you selected. A prior subtitle language may be programmed on the disc.
• Some DVD video discs allow you to change subtitle selections only via the disc menu. If this is the case, press the MENU button and choose the appropriate subtitle language from the selection on the disc menu.

DivX® Subtitle

If your DivX® files include a subtitle file, th
select a supported DivX® subtitle lan

  Unicode (UTF-8)
  Western European
  Standard
  Central European
  Cyrillic
  Greek
  Hebrew
  Arabic
  Baltic
  Vie

1) Press SE
   Press ▶

	Unicode (UTF-8)
DivX Subtitle	Western European
	Standard
	Central European
	Cyrillic
	Greek
	Hebrew
	Arabic

DVD

utton until
displayed.

-selected
matically
th the 's initial

Customizing the Function Settings (continued)

Setting details

Video

Language	TV shape	: 4 : 3
Video	View Mode	: Auto fit
Audio	TV System	: Auto
Rating	Video Output	: HD
Default	HD Resolution	: Auto
	HD Jpeg Mode	: On
	JPEG Interval	: Off

TV Shape DVD

1) Press SETUP button.
2) Press ▲ / ▼ button to select the Video.
3) Press ► button, then the ▲ / ▼ button to select the TV Shape.
4) Press ENTER button, then the ▲ / ▼ button to shift and change the TV type.
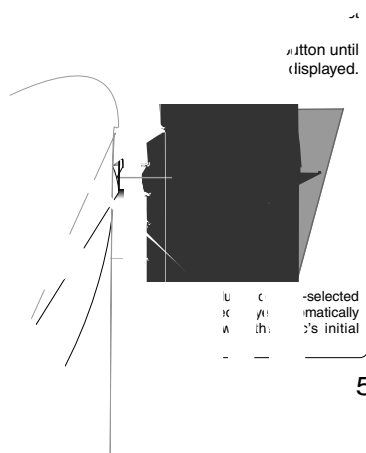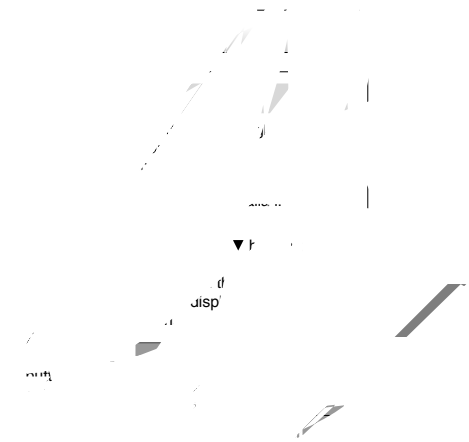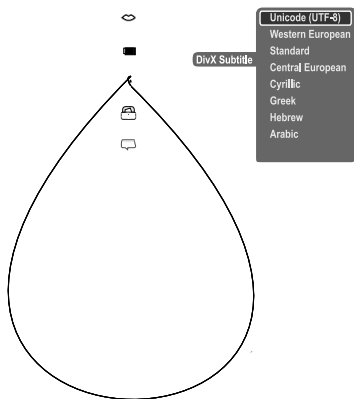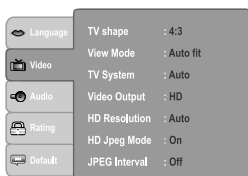5) Press ENTER button.
6) Press SETUP button to exit the menu.

Language	TV Shape	✓ 4 : 3
Video	View Mode	16 : 9
Audio	TV System	: Auto
Rating	Video Output	: HD
Default	HD Resolution	: Auto
	HD Jpeg Mode	: On
	JPEG Interval	: Off
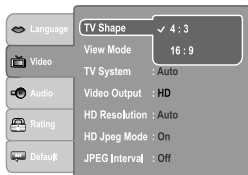
4:3　　　　　Select when a standard 4:3 TV is connected.
Displays pictures cropped to fill your TV screen. Either or both sides of the picture are cut off.

16:9　　　　Select when a 16:9 TV is connected.

Notes
• The displayable picture size is preset on the DVD video disc. Therefore, the playback picture of some DVD video discs may not conform to the picture size you select.
• When you play DVD video discs recorded in the 4:3 picture size only, the playback picture always appears in the 4:3 picture size regardless of the TV shape setting.
• If you select "16:9" and you own a 4:3 TV set, the DVD playback picture will be horizontally distorted during playback. Images will appear to be horizontally compressed. Always be sure that your TV shape conforms to the actual TV in use.

View Mode DVD

The user may select one of the following options:

Fill:　　　　　FIl the screen with decoded image.
Original:　　　Display image as it original size.
Height Fit:　　Fit the screen height with image height.
Width Fit:　　 Fit the screen width with image width.
Auto Fit:　　　Automatically fit the decoded image on screen without distortion.
Pan Scan:　　 Automatically display decoded image on full screen without distortion.
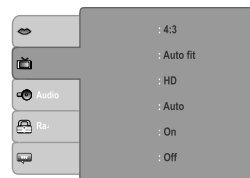
1) Press SETUP button.
2) Press ▲ / ▼ button to select the Video.
3) Press ► button, then the ▲ / ▼ button to select the View Mode.
4) Press ENTER button, then the ▲ / ▼ button to shift and change the View Mode.
5) Press ENTER button.
6) Press SETUP button to exit the menu.

		: 4:3
		: Auto fit
		: HD
Audio		: Auto
		: On
		: Off

Pan Scan

Select when a standard 4:3 TV is connected. Displays pictures cropped to fill your TV screen. Either or both sides of the picture are cut off.

Auto Fit

Automatically fit the decoded image on screen without distortion. Black bars will be presend on top/bottom or left/right of screen.

Note
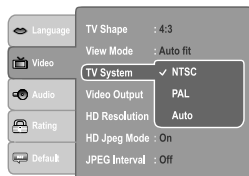Depending on the DVD discs, you may not be able to view the mode as selected.

TV System   ⟨DVD⟩ ⟨VCD⟩ ⟨CD⟩

1) Press SETUP button.
2) Press ▲ / ▼ button to select the Video.
3) Press ► button, then the ▲ / ▼ button to select the TV System.
4) Press ENTER button, then the ▲ / ▼ button to shift and change the system.
5) Press ENTER button.
6) Press SETUP button to exit the menu.

NTSC: Select if your TV system is NTSC.

PAL: Select if your TV system is PAL.

Auto: The DVD video player automatically identifies PAL or NTSC video system of a disc. Connect a multisystem TV (PAL / NTSC compatible) to view a picture.
A playback picture may be distorted when detected a signal change between PAL and NTSC on the disc. For the case of Progressive mode, your multisystem TV must be able to support 525p and 625p.

Language	TV Shape : 4:3
Video	View Mode : Auto fit
	TV System ✓ NTSC
Audio	Video Output PAL
	HD Resolution Auto
Rating	HD Jpeg Mode : On
Default	JPEG Interval : Off

Video Output   ⟨DVD⟩ ⟨VCD⟩ ⟨CD⟩

1) Press SETUP button.
2) Press ▲ / ▼ button to select the Video.
3) Press ► button, then the ▲ / ▼ button to select the Video Output.
4) Press ENTER button, then the ▲ / ▼ button to shift and change the Output mode.
5) Press ENTER button.
6) Press SETUP button to exit the menu.

Composite: Select if you connect the DVD to your TV via composite video (yellow) input.

Component: Select if you connect the DVD to your TV which has component video inputs.

RGB: Select if you connect the DVD to your TV which has RGB inputs by scart cable.

P-Scan: Select if you connect the DVD to your
(Progressive) TV which has component video inputs that support progressive scan.

HDMI: High Definition Multimedia Interface. Select if you connect the DVD to TV via HDMI input.

Language	TV Shape : 4:3
Video	View Mode : Auto fit
	TV System ✓ Composite
Audio	Video Output Component
	HD Resolution RGB
Rating	HD Jpeg Mode P-Scan
Default	JPEG Interval HDMI

Function setup

Customizing the Function Settings (continued)

Setting details

HD Resolution

1) Press SETUP button.
2) Press ▲ / ▼ button to select the Video.
3) Press ► button, then the ▲ / ▼ button to select the HD Resolution.
4) Press ENTER button, then the ▲ / ▼ button to shift and change the HD resolution.
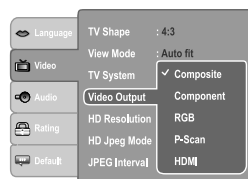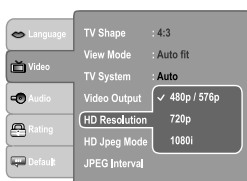5) Press ENTER button.
6) Press SETUP button to exit the menu.

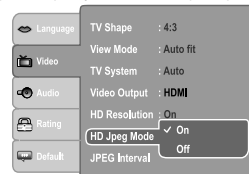|		
Language	TV Shape	: 4:3
Video	View Mode	: Auto fit
	TV System	: Auto
Audio	Video Output	✓ 480p / 576p
	HD Resolution	720p
Rating	HD Jpeg Mode	1080i
Default	JPEG Interval	

Note
• Supported HD JPEG Mode:
  480p/576p, 720p, 1080i.
• If the Video Output is not set to "HDMI", you cannot select the "HD Resolution".

HD Jpeg Mode

1) Press SETUP button.
2) Press ▲ / ▼ button to select the Video.
3) Press ► button, then the ▲ / ▼ button to select the HD Jpeg Mode.
4) Press ENTER button, then the ▲ / ▼ button to select the output mode.
5) Press ENTER button.
6) Press SETUP button to exit the menu.

On: JPEG image is displayed in a suitable picture quality (480p/576p, 720p or 1080i) [20] .
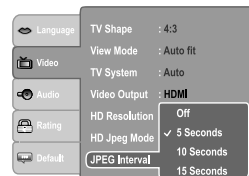Off: The picture quality is fixed to 480p/576p.

Language	TV Shape	: 4:3
Video	View Mode	: Auto fit
	TV System	: Auto
Audio	Video Output	: HDMI
Rating	HD Resolution	: On
	HD Jpeg Mode	✓ On
Default	JPEG Interval	Off

Note
If the Video Output is not set to "HDMI", you cannot select the "HD Jpeg Mode".

JPEG Interval

1) Press SETUP button.
2) Press ▲ / ▼ button to select the Video.
3) Press ► button, then the ▲ / ▼ button to select the JPEG Interval.
4) Press ENTER button, then the ▲ / ▼ button to shift and change the JPEG Interval.
5) Press ENTER button.
6) Press SETUP button to exit the menu.

Language	TV Shape	: 4:3
Video	View Mode	: Auto fit
	TV System	: Auto
Audio	Video Output	: HDMI
Rating	HD Resolution	Off
	HD Jpeg Mode	✓ 5 Seconds
Default	JPEG Interval	10 Seconds
		15 Seconds

Off: Plays back one file at a time.
5 seconds: Plays back images in the form of a slide show at 5 seconds interval.
10 seconds: Plays back images in the form of a slide show at 10 seconds interval.
15 seconds: Plays back images in the form of a slide show at 15 seconds interval.

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Audio

Language
Video
Audio
Rating
Default

Digital Output : Raw
Night Mode : Off

Digital Output ⟨DVD⟩ ⟨VCD⟩ ⟨CD⟩
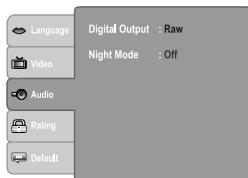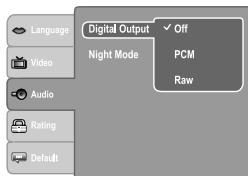
Selects the output sound format corresponding to your system connection.

1) Press SETUP button.
2) Press ▲ / ▼ button to select the Audio.
3) Press ► button, then the ▲ / ▼ button to select the Digital Output.
4) Press ENTER button, then the ▲ / ▼ button to shift and change the output sound format.
5) Press ENTER button.
6) Press SETUP button to exit the menu.

PCM: Select when connected to a 2 channel digital stereo amplifier.
        The DVD video player outputs sound in the PCM 2 channel format when you play a DVD video disc recorded on the Dolby Digital, MPEG1 OR MPEG2 recording system.
Raw: Disc audio raw data will be output.
Off: To disable Digital Output.

Language
Video
Audio
Rating
Default

Digital Output   ✓ Off
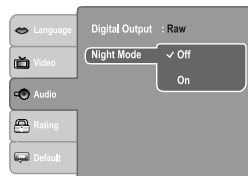Night Mode   PCM
                  Raw

Notes
• When you make a connection to a TV, Dolby Surround Pro Logic or stereo system via the analog audio jacks, select "PCM" or "Raw".
• If this DVD video player is connected to a TV using HDMI, make sure to select "PCM".

Night Mode ⟨DVD⟩ ⟨VCD⟩ ⟨CD⟩

Night mode is equivalent to Dynamic Range Compress. When it is On, it reduces the variations between loud and soft sounds in audio output. You can still hear softer sounds and dialogue even in very low volume.

1) Press SETUP button.
2) Press ▲ / ▼ button to select the Audio.
3) Press ► button, then the ▲ / ▼ button to select the Night Mode.
4) Press ENTER button, then the ▲ / ▼ button to shift and change the Night Mode.
5) Press ENTER button.
6) Press SETUP button to exit the menu.

Language
Video
Audio
Rating
Default

Digital Output : Raw
Night Mode   ✓ Off
                 On

Note
Night mode is Dynamic Range Control (DRC) option for analogue audio output.

Function setup

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...nction Settings

The ... e following
ratin...

Level ...
Level ...
Level ...
Level ...
Level ...
Level ...
Level ...
Level 8 ...

5) Press ▲/... o 8. Rating
one (1) ha... ating eight
(8) can vir... ware.
6) Press OP... tivate the
Parental Lev...
If the DVD dis... emporarily
cancel the Pa... ill change
depending on ... you select
"YES" with the ... Password"
screen will appe... ssword as
you have set then ... button and
playback will star... press the
OPEN/CLOSE" to ...

Notes
• If you input a wrong pass... button and
re-enter your 4-digit pass...
• You cannot play DVD dis... n the level
you selected unless yo... ental lock
function.

Set Password DVD

New Password can be set ... e default
password.

...ord function are
...ntents allowed
...DVD disc can be

...u could edit out
...nd replace them
...could lock out

...respond to the
...fect in the DVD
...works with your

...button to select
...een will appear.

...D button
...he Rating
...▼ button

...ssword

...ut th...
...t bee...
...888

buttons to input the new password.
7) Press ENTER button. Now yo...
...has been set. Be sure to remember...

...you forget the password, you can erase
... ter

PASSWORD: 8888

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E-54-65R.pmd   62   3/10/2006, 10:01 AM

Dim Ctrl

1) Press SETUP button.
2) Press ▲ / ▼ button to select the Rating.
3) Press ► button, then the ▲ / ▼ button to select Dim Ctrl.
4) Press ENTER button, then the ▲ / ▼ button to change the On / Off mode.
5) Press ENTER button.
6) Press SETUP button to exit the menu.

On: The blue light on the front panel will light up when the unit is powered on.
Off: The blue light on the front panel will not light up.
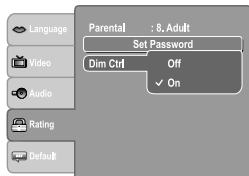
Note
The setting of Dim Ctrl will reset to "On" after the unit is powered off.

Default
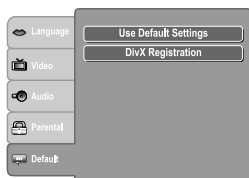
Use Default Settings DVD VCD CD

If you want to return the inital language setting such as Language, Video, Audio and etc. to the factory default, do the following:

1) Press SETUP button.
2) Press ▲ / ▼ button to select the Default.
3) Press ► button, then the ENTER button to select the Use Default Settings dialogue box.
4) Press ◄ / ► button to select "Yes", then press ENTER button. The original setting will be restored.
5) Press SETUP button to exit the menu.
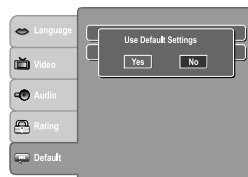
Note
When you reset the DVD video player to the factory default, the DVD video player will take 3-5 seconds to reset.

DivX® registration

Some DivX® Video-On-Demand files required registration code, please get the code of your DVD video player as follow:

1) Press SETUP button.
2) Press ▲ / ▼ button to select the Default.
3) Press ► button, then the ▲ / ▼ button to select the DivX Registration.
4) Press ENTER button, your registration code will be shown.
5) Press ENTER button.
6) Press SETUP button to exit the menu.

Note
This registration code is for DivX® Video-On-Demand only. Do not apply this code for other applications or websites.

Table of Languages

Table of languages and their abbreviations

Abbreviation	Language
– – –	No alternate language
CHI (ZH)	Chinese
DUT (NL)	Dutch
ENG (EN)	English
FRE (FR)	French
GER (DE)	German
ITA (IT)	Italian
JPN (JA)	Japanese
KOR (KO)	Korean
MAY (MS)	Malay
SPA (ES)	Spanish
AA	Afar
AB	Abkhazian
AF	Afrikaans
AM	Amharic
AR	Arabic
AS	Assamese
AY	Aymara
AZ	Azerbaijani
BA	Bashkir
BE	Belorussian
BG	Bulgarian
BH	Bihari
BI	Bislama
BN	Bengali, Bangla
BO	Tibetan
BR	Breton
CA	Catalan
CO	Corsican
CS	Czech
CY	Welsh
DA	Danish
DZ	Bhutani
EL	Greek
EO	Esperanto
ET	Estonian
EU	Basque
FA	Persian
FI	Finnish
FJ	Fiji
FO	Faroese
FY	Frisian
GA	Irish
GD	Scottish Gaelic
GL	Galician

Abbreviation	Language
GN	Guarani
GU	Gujarati
HA	Hausa
HI	Hindi
HR	Croatian
HU	Hungarian
HY	Armenian
IA	Interlingua
IE	Interlingue
IK	Inupiak
IN	Indonesian
IS	Icelandic
IW	Hebrew
JI	Yiddish
JW	Javanese
KA	Georgian
KK	Kazakh
KL	Greenlandic
KM	Cambodian
KN	Kannada
KS	Kashmiri
KU	Kurdish
KY	Kirghiz
LA	Latin
LN	Lingala
LO	Laotian
LT	Lithuanian
LV	Latvian, Lettish
MG	Malagasy
MI	Maori
MK	Macedonian
ML	Malayalam
MN	Mongolian
MO	Moldavian
MR	Marathi
MT	Maltese
MY	Burmese
NA	Nauru
NE	Nepali
NO	Norwegian
OC	Occitan
OM	(Afan) Oromo
OR	Oriya
PA	Panjabi
PL	Polish
PS	Pashto, Pushto

Abbreviation	Language
PT	Portuguese
QU	Quechua
RM	Rhaeto-Romance
RN	Kirundi
RO	Rumanian
RU	Russian
RW	Kinyarwanda
SA	Sanskrit
SD	Sindhi
SG	Sango
SH	Serbo-Croatian
SI	Singhalese
SK	Slovak
SL	Slovenian
SM	Samoan
SN	Shona
SO	Somali
SQ	Albanian
SR	Serbian
SS	Siswati
ST	Sesotho
SU	Sundanese
SV	Swedish
SW	Swahili
TA	Tamil
TE	Telugu
TG	Tajik
TH	Thai
TI	Tigrinya
TK	Turkmen
TL	Tagalog
TN	Setswana
TO	Tongan
TR	Turkish
TS	Tsonga
TT	Tatar
TW	Twi
UK	Ukrainian
UR	Urdu
UZ	Uzbek
VI	Vietnamese
VO	Volapük
WO	Wolof
XH	Xhosa
YO	Yoruba
ZU	Zulu

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Before Calling Service Personnel

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

Symptoms and correction

Sympton	Cause	Correction	Page
No power.	• The power plug is disconnected.	• Connect the power plug securely into the wall outlet.	**18-20**
The DVD video player turned off by itself.	• The automatic power off function turned the unit off.	• Press the PLAY button.	**27**
No picture or abnormal colour (pinkish, greenish, etc.).	• 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.	**26**
	• The video/HDMI cable is not connected securely.	• Connect the video/HDMI cable securely into the appropriate jacks.	**18-20**
	• Mismatch setting between TV and this unit.	• Select the correct Video Output setting.	**59**
	• Wrong connection.	• Check the connection.	**18-20**
	• PROGRESSIVE button is pressed on a TV equipped with component video input jacks but does not support progressive scan.	• Toggle PROGRESSIVE button to turn off progressive mode.	**19**
Scrolling, jumping or B/W picture.	• Incompatible TV system.	• Select the correct TV system.	**59**
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.	**26**
	• The audio cable is not connected securely.	• Connect the audio cable securely into the appropriate jacks.	**18-24**
	• The audio receiver or TV is turned off.	• Turn on the equipment connected with the audio cable.	**26**
	• The setting of output sound format is incorrect.	• Select the proper audio setting.	**43, 61**
The playback picture has occasional distortion.	• The disc is dirty.	• Remove the disc and clean it.	**9**
	• 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.	**18**
The DVD video player does not start playback.	• No disc is inserted.	• Insert a disc.	**26**
	• An unplayable disc is inserted.	• Insert a playable disc. (Check the disc type and colour system.)	**10**
	• The disc is placed upside down.	• Place the disc with the playback side down.	**26**
	• The disc is not placed within the guide.	• Place the disc correctly inside the guide on the disc tray.	**26**
	• The disc is dirty.	• Clean the disc.	**9**
	• The parental lock function is set.	• Cancel the parental lock function or change the parental lock level.	**62**
Playback does not follow the course of the disc's program.	• It is in the mode of repeat playback, memory 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.	• Press and hold the ON/STANDBY button on the front panel for more than about 3 seconds. The DVD video player turns off. Press the button again to turn it on. If the buttons still do not work, 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.	**15**
	• The remote control is too far from the DVD video player.	• Operate the remote control within about 7 m.	**15**
	• The batteries in the remote control are exhausted.	• Replace the batteries with new ones.	**15**

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Specifications

DVD video player / outputs / supplied accessories

DVD Video Player

Power supply	100 - 240 V AC, 50/60 Hz
Power consumption	13 W
Mass	1.50 kg
External dimensions	431 x 42 x 198 mm (W/H/D)
Signal system	PAL/3.58 NTSC
Laser	Semiconductor laser, wavelength 650/780 nm
Frequency range	DVD linear sound : 48 kHz sampling 4 Hz to 22 kHz 96 kHz sampling 4 Hz to 44 kHz
Signal-to-noise ratio	More than 93 dB
Audio dynamic range	More than 80 dB
Harmonic distortion	Less than 0.05 %
Wow and flutter	Below measurable level (less than ±0.001 % (W.PEAK))
Operating conditions	Temperature: 5 °C to 35 °C, Operation status: Horizontal

Outputs

Video output (SCART with RGB)	1.0 V (p-p), 75 Ω, SCART socket x 1
Video output	1.0 V (p-p), 75 Ω, negative sync., pin jack x 1
Component video output	(Y) 1.0 V (p-p), 75 Ω, negative sync., pin jack x 1 $(P_B)/(P_R)$ 0.7 V (p-p), 75 Ω, pin jack x 2
Audio output (COAXIAL DIGITAL)	0.5V (p-p), 75 Ω, pin jack x 1
Audio output (ANALOG)	2.0 V (rms), 680 Ω, pin jacks (L, R) x 1
HDMI output	19 pin

Supplied Accessories

Audio/video cable 1
Remote control (SE-R0168) 1
Batteries (R03/AAA) 2

• This model complies with the above specifications.
• Designs and specifications are subject to change without notice.

Following information is only for EU-member states:
The use of the symbol indicates that this product may not be treated as household waste. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. For more information about recycling of this product, please contact your local city office, your household waste disposal service or the shop where you purchased the product.

Others

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TOSHIBA

811-S36E91W010