



### 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.

WARNING: THE MAINS PLUG IS USED AS THE DISCONNECT DEVICE, THEREFORE INSTALL THE

PLAYER NEAR THE WALL OUTLET SO THAT THE MAINS PLUG CAN BE ACCESSED

EASILY AT ALL TIMES.

**CAUTION:** This HD DVD 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

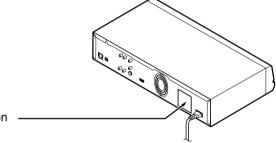
#### **CAUTION:**

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

In the spaces provided below, record the Mode	el and Serial No. located on the rear panel of y	our player.
Model No	Serial No	

Retain this information for future reference.

#### Location of the required label



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

#### 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 detailed information about recycling of this product, pleasecontact your local city office, your household waste disposal service or the shop where you purchased the product.



### **IMPORTANT SAFETY INSTRUCTIONS**

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

This set has been designed and manufactured to assure personal safety. Improper use can result in electric shock or fire hazard. The safeguards incorporated in this unit will protect you if you observe the following procedures for installation, use and servicing. This unit is fully transistorized and does not contain any parts that can be repaired by the user.

DO NOT REMOVE THE CABINET COVER, OR YOU MAY BE EXPOSED TO DANGEROUS VOLTAGE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL ONLY.

)   	IVICING TO QUALIFIED SERVICE PERSONNEL ONL	τ.	
1.	Read these instructions.	9.	Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
2.	Keep these instructions.		
		10	Only use attachments/accessories specified by the manufacturer.
3.	Heed all warnings.		
4.	Follow all instructions.	11	.Do not place a flaming object such as a burning candle on the apparatus.
5.	Do not use this apparatus near water.	12	. Unplug this apparatus during lightning storms or when unused for long periods of time.
6.	Clean only with dry cloth.		
		13	.Refer all servicing to qualified service

- 7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- 8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 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.

#### **ADDITIONAL SAFETY INSTRUCTIONS**

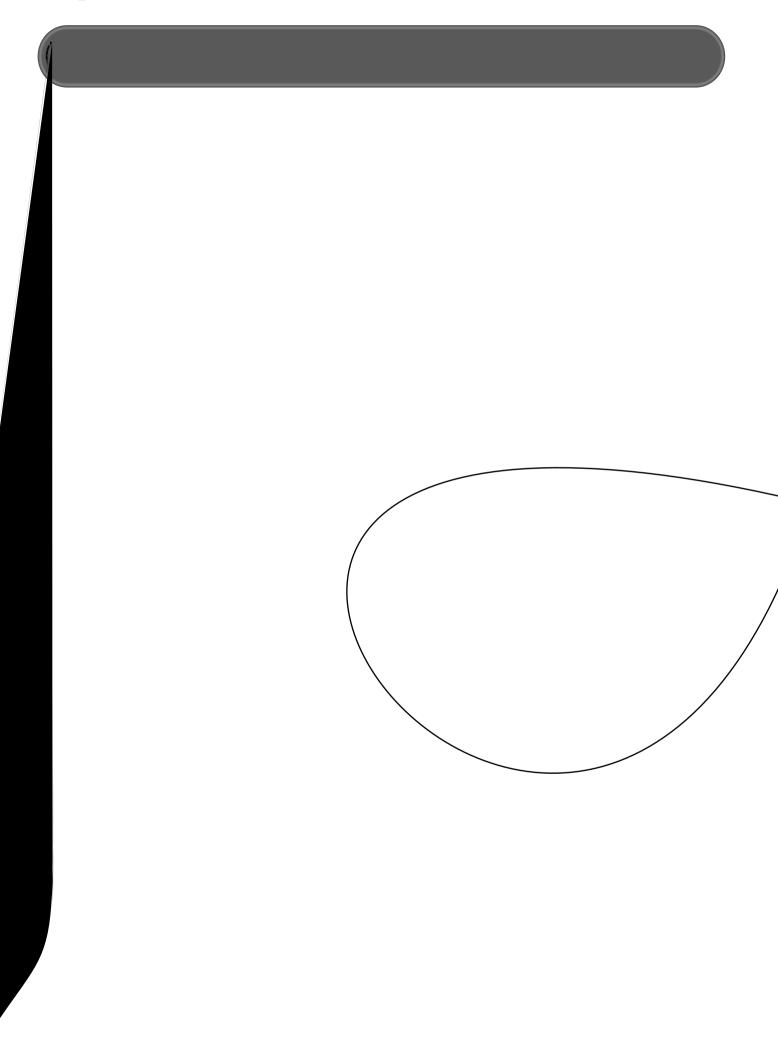
- 14. Do not overload wall outlets; extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.
- 20. Do not use a cracked, deformed, or repaired disc. These discs are easily broken and may cause serious personal injury and apparatus malfunction.
- 15. Never expose the apparatus to dripping or splashing or place items such as vases, aquariums, any other item filled with liquid, or candles on top of the unit.
- 21. If the apparatus should emit smoke or an unusual odor, immediately disconnect the power cord from the wall outlet. Wait until the smoke or smell stops, then ask your dealer for a check and repair. Neglecting to do so may cause fire.
- 16. Keep your fingers well clear of the disc tray as it is closing. Neglecting to do so may cause serious personal injury.
- 22. During thunderstorms, do not touch the connecting cables or the apparatus.

- 17. Do not place anything on top of this unit.
- 23. The mains plug is used as the disconnect device, therefore install the player near the wall outlet so that the mains plug can be accessed easily at all times.
- 18. Do not place the apparatus on amplifiers or equipment that may produce heat.
- 19. Never block or cover the slots or openings in the unit.

Never place the unit:

- on a bed, sofa, rug or similar surface;
- too close to drapes, curtains or walls; or
- in a confined space such as a bookcase, built-in cabinet, or any other place with poor ventilation.

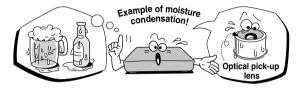
The slots and openings are provided to protect the unit from overheating and to help maintain reliable operation.



#### Notes on moisture condensation

### ■ Moisture condensation damages the unit. 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 unit.



### ■ Moisture condensation occurs during the following cases.

- When you bring the unit directly from a cold place to a warm place.
- When you use the unit in a room where you just turned on the heater, or a place where the cool air from an air conditioner blows directly on the unit.
- When the unit is moved from an air conditioned room to a hot, humid location.
- When you use the unit in a humid place.

### **Features**

#### Playback of HD DVD video discs

HD DVD video discs are high-density, high-capacity discs.

- The HD DVD disc standard has been approved by the DVD forum.
- HD DVD (single layer): 15 GB
   HD DVD (dual layer): Maximum capacity of 30 GB
   A single layer single sided disc (15 GB) has capacity of about 8 hours in 1125 line high definition picture; about 48 hours in 525 line standard definition picture (depending on bitrate of pre-recorded contents).
  - \*1GB means 1,000,000,000 bytes.
- HD DVD Twin Format Discs have both HD DVD and DVD layers on one side. HD DVD Combination DVD Discs have HD DVD material on one side and standard DVD material on the other side. Because both disc types are new, such discs may not operate properly in this player.
- To view high-definition picture in HD DVD discs, a 50/60 Hz compatible HDTV display (720p, 1080i, 1080p) is required.
- Connect an HDTV set to the COMPONENT OUTPUT jacks or the HDMI OUTPUT jack on this player.
- Some discs may require use of HDMI OUTPUT for viewing of high resolution material.

#### Compatible with multiple disc types

- Playback of commercial HD DVD video disc, DVD video, and Audio CD
- Playback of DVD-RW (disc recorded in DVD VR mode or DVD video mode), and DVD-R
- Playback of CD-RW and CD-R (Audio CD of CD-DA format only; playback of MP3, WMA and other non-CD-DA audio formats are not supported.)

Because HD DVD is a new format, disc compatibility issues with new and existing format discs are possible. Not all discs are compatible. If you experience compatibility problems, please contact Toshiba customer service.

HD DVD discs containing high definition content at a field rate of 50Hz or a frame rate of 25Hz can not be played on this player without a firmware update. Firmware update is expected in the future. Blu-ray Discs cannot be played on this player.

#### Internet connection feature (LAN port)

 Some HD DVD discs enable you to access special HD DVD sites. If an HD DVD site includes content such as movie trailers, you can watch the content on the player via the Internet if your internet connection provides sufficient bandwidth.

#### **HD** output jacks

- An HDMI jack for connecting a single cable to output video and audio signals
- Component jacks

#### **Compatibility notes**

• For compatibility, see page 28.

#### **Certain system requirements**

For high definition video playback:

- 50/60 Hz compatible HD display (some discs may require HDCP capable input)
- HD DVD disc with HD content

For Dolby® Digital Plus and Dolby TrueHD multi-channel audio playback:

 A/V Receiver with HDMI<sup>™</sup> multi-channel LPCM capable audio input and 5.1 channel speaker setup.

#### Important notes

Viewing high-definition content and up-converting DVD content may require an HDCP capable DVI or HDMI input on your 50/60 Hz compatible display device. Because HD DVD is a new format that makes use of new technologies, certain disc, digital connection and other compatibility and/or performance issues are possible. This may, in rare cases, include disc freezing while accessing certain disc features or functions, or certain parts of the disc not playing back or operating as fully intended. If you experience such issues, please contact the services mentioned in "Customer support" (page 9) for information on possible work-around solutions or the availability of firmware updates that may resolve your problem. Dolby Digital Plus, Dolby TrueHD and DTS support for up to 5.1 channels (DTS-HD support for DTS core only.) HDMI audio support for PCM only in HD DVD advanced content play. Some recordable media may not be supported. MP3/WMA audio files not supported. Some current DVDs and CDs may not be compatible. Some Combo Discs and Twin Format Discs may not be compatible. 1080p capable display required for 1080p output resolution. Some features subject to delayed availability.

#### **Customer support**

Please contact Toshiba customer service for your country or http://www.highdefinitiondvd.eu/.

This HD DVD player is manufactured under the HD DVD Format adopted by the DVD Forum. The DVD Forum approved AACS (Advance Access Content System) as content protection system for HD DVD format like it approved CSS (Content Scramble System) for DVD format. Therefore, certain restrictions are imposed on play, analog signal output, etc. of AACS protected contents. When you use pre-recorded contents, the contents may designate whether or not to apply such restrictions.

As those restrictions may be adopted and/or changed and announced by AACS after production of this product, the operation product and restrictions thereon may depending on the time you purch well as during the life of this product, please contact for your country or http

### Access

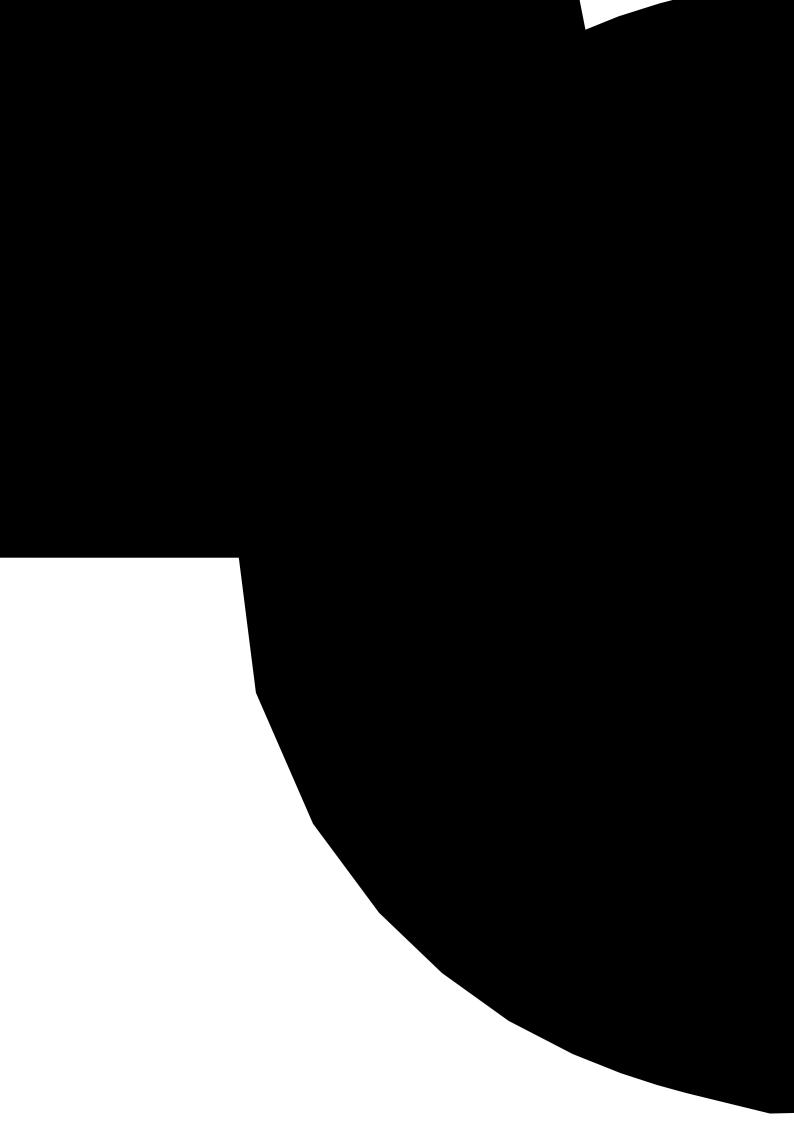
#### **Accessories**

Check that the following accessories are

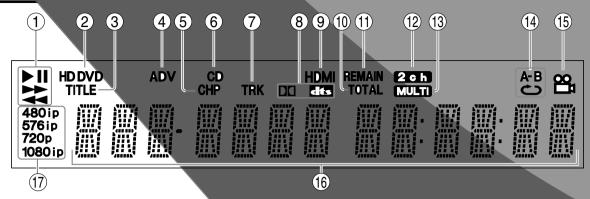
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#### Dispi



1 Status indicator

PlayingFast forward playbackPausingFast reverse playback

(2) Disc indicator

HD DVD: Illuminates when an HD DVD disc loaded.

DVD : Illuminates when a DVD disc is loaded.

(3) TITLE indicator

Illuminates when a title number is displayed.

- 4 ADV (Advanced) indicator
  Illuminates when advanced content is played.
- CUD (Charter) indicator
- (5) CHP (Chapter) indicator
  Illuminates when a chapter number is displayed.
- (6) CD indicator
  Illuminates when a CD is loaded.
- 7 TRK (Track) indicator
  Illuminates when a track number is displayed.
- (8) Sound format indicator

: Illuminates when Dolby Digital sound is played.

: Illuminates when DTS sound is played.

(9) HDMI Indicator

Illuminates when HDMI connection is verified between the player and another device.

10 TOTAL indicator

Illuminates when the total playing time of the disc is displayed.

- 14 Ru Illun
- 15 Angle It Illuminates with multi an
- (f) Multi display
  Displays the total
  elapsed time, remail
  chapter number or me
- (17) Video output format indic Displays the video output for selected.

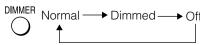
480i : 480 interlace 480p : 480 progressive 576i : 576 interlace 576p : 576 progressive 720p : 720 progressive 1080i : 1080 interlace 1080p : 1080 progressive

#### Switching the display

Every time you press DISPLAY button on the remote control, the display changes the contents. The display may not change, depending on the disc conditions.

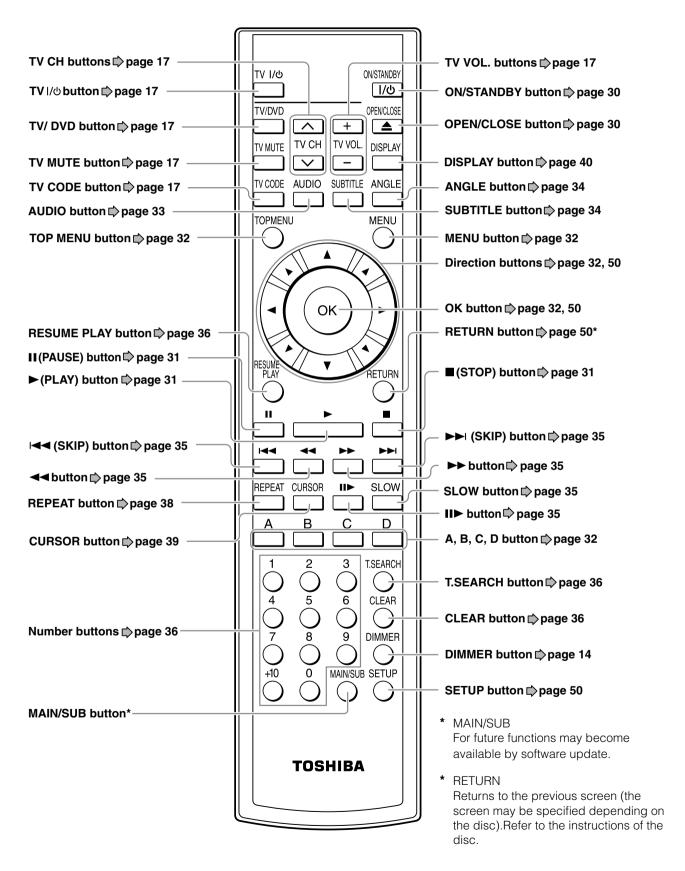
#### **■** Dimming the display

Pressing DIMMER button on the remote control changes the brightness of the display.



• Turning off the power resets this setting.

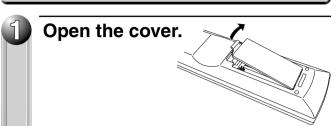
#### Remote control



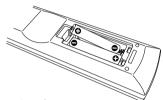
## Preparation of the remote control

Set up the remote control to operate the player and your TV.

#### **Loading batteries**



Insert batteries.

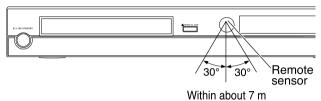


- Use 2 batteries (R03 sizes).
- Make sure to match the + and on the batteries to the marks inside the battery compartment.

Close the cover.

#### Operating with the remote control

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



Distance: About 7 m from the

front of the remote

sensor

**Angle**: About 30° in each

direction of the front of the remote sensor



#### Notes

- Do not drop or give the remote control a shock.
- Do not leave the remote control near an extremely hot or humid place.
- Do not spill water or put anything wet on the remote control.
- Do not disassemble the remote control.
- Dispose of batteries in a designated disposal area.
- Batteries should always be disposed of with the environment in mind.
- Always dispose of batteries in accordance with applicable laws and regulations.
- If the remote control does not operate correctly, or if the operating range becomes reduced, replace all batteries with new ones
- When necessary to replace batteries in the remote control, always replace all batteries with new ones. Never mix battery types or use new and used batteries in combination.
- Be sure to use R03 size batteries.
- Always remove batteries from remote control if they are dead or if the remote control is not be used for an extended period of time. This will prevent battery acid from leaking into the battery compartment.

#### Caution

· Never throw batteries into a fire.

#### **Programming for TV control**



# While holding , press the number buttons to enter a corresponding brand code (see below) of your TV.

e.g. To enter 2581

TV CODE	2 -	<b>5</b> −	$\rightarrow \bigcirc$	→ <u>1</u>
Hold down.				

 Some brands have several codes. Try one by one until the remote control can operate your TV.



### Release TV CODE

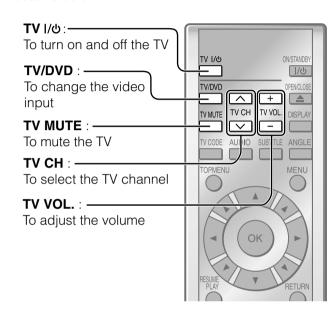
The brand code is memorized.

#### Note

• When replacing the batteries of the remote control, re-enter the brand code of your TV.

#### Operating your TV with the remote control

Point the remote control to your TV after you have entered the brand code. Operate your TV with the buttons below.



#### **Notes**

- For some TVs, pressing the volume button once may change the volume by more than one level.
- Even after the player's remote control is programmed, it may not operate some or all of the features on your other device.

If this happens and you wish to use those features, you will need to use the device's original remote control.

#### Brand code table

Brand name			Brand	code		
Toshiba	2581	2601	3281	3491	3771	4291
	4301	4311	4321	4671		
Aiwa	3241					
Akai	2671					
Bang & Olufsen	2621					
Beko	2941	3331	4471			
Blaupunkt	2711	2801				
Brionvega	2621					
Bush	2541	2681	2691	2751	2781	2851
	2861	2881	3291	4261	4481	
Crown	2541	2871	2921			
Daewoo	2541	2881	3221	3271		
Decca	2611					
Ferguson	2761	2841	3351			
Finlux	2601	2611	2621			
Fisher	2671	2981				

Brand name			Brand	code		
Funai	2731	2781				
GEC	2591	2611				
Goodmans	2611	2691	2861	2881	3221	3841
Granada	2611	2671				
Grundig	2601	2701	3151	3441	4491	
Hinari	2541	2681	2691	2901		
Hitachi	2591	3301	3471	3501	3511	3701
	3671	4501				
Inno Hit	2611					
JVC	2861	3361	3591	4511		
LG Goldstar	2491					
Loewe	2621	2771	2961	3311		
Luxor	2701					
Marantz	2991					
Matsui	2541	2581	2611	2651	2671	2691
	2781	2851	2861	3151		
Metz	2621					

(Continued)

#### Preparation of the remote control (Continued)

Brand name			Brand	code			Brand name			Brand	code		
Mitsubishi	2621	2701	2961	3371	4521		SEG	2731	3051				
National	2701						Seleco	2661	2721				
Orion	2691	2781	2851	3381			Sharp	2641	3401	3611	3631	3781	3791
Panasonic	2701	2711	2741	3001	3251	3531		3801	3811	3821	3831	3971	
	3551	3761	3911	3951			Singer	2621					
Philco	2621						Sinudyne	2551	2621	2651	2691	3011	3051
Philips	2561	2571	2591	2621	2811	2821	Sony	2551	2951	3621	3641	3651	3871
	2881	2991	3461	3581	3731	3881	-	3891	4281	4621			
	3981	4531	4541	4551			Tatung	2611					
Pioneer	2761	3481	3681	3921	3931	3941	Technics	2711	3001				
Saba	2621	2761	2841	3321			Telefunken	2841	3421				
Saisho	2541	2651	2691	2731			Tensai	2681	2781				
Samsung	2541	2631	2731	2991	3161	3231	Thomson	6641	2701	2761	2831	3431	3601
	3521	3541	3711	3721	3901	3961		4631	4641	4651	4661		
	4271	4561					Thorn	2581	2611	2951	2961	3221	
Sanyo	2611	2671	3391				Universum	2731					
Schneider	2571	2681	2811	2861	3991	4571	Zanussi	2661					
	4581	4591	4601	4611									

# Hint on reading this manual

#### Icons for function applicability

The following icons are used in this manual to indicate features and/or functions that are applicable to various types of discs.

(For disc compatibility information, see ▶ page 28.)

Icon	Disc	Icon	Disc
HD DVD	HD DVD video disc	CD	Audio CD
DVD-Video	DVD video disc	CD-RW (CD-DA)	CD-RW (CD-DA format)
DVD-RW	DVD-RW	CD-R (CD-DA)	CD-R (CD-DA format)
DVD-R	DVD-R		

#### Instructions and actual buttons

Most instructions are based on remote control operation, unless otherwise noted. You can use the buttons on the remote control and those on the main unit as well when they have the same function. Some functions are available only from the remote control.

# Connect your player to your A/V system.

Connecting to a TV

Connecting to an audio system



### Connecting to a TV

### Step I . Check the type of video input on your TV.

To view high definition content output, use the HDMI OUTPUT jack or the COMPONENT OUTPUT jacks to connect to a TV. Some discs may require use of the HDMI OUTPUT jack for viewing of high resolution material.

TV input	High definition video	Page
HDMI input HDMI INPUT  Most recommended*	<b>Viewable.</b> To view 1080p output, make this connection.	21
Component video input  I PB PB PR	Viewable. (Some discs may be down converted or require HDMI connection.) Not compatible with 1080p. To view 1080p output, select HDMI connection.	22
S-VIDEO or VIDEO (yellow) input	Down converted. (Some discs may require HDMI connection.)	22

#### \*Why HDMI connection is most recommended?

HD DVD and DVD video disc creators have the option to include copy protection instructions in their discs that prohibit the output of some standard video or high definition video (original 720p, 1080i or 1080p or up-converted 480i/576i or 480p/576p) from the COMPONENT OUTPUT jacks. If such instructions are present in the disc you are playing, you must use the HDMI OUTPUT jack to view the disc in a high definition format and the COMPONENT OUTPUT jacks, if activated, will output video only in 480i/576i or 480p/576p resolution.

#### **Caution on connection**

- Do not power this player using any power cord other than the one supplied with this player.
- Do not use the supplied power cord with any device other than this player.

#### Notes on connection

- When you connect the player to your TV, be sure to turn off the power and unplug both units from the wall outlet before making any connections.
- Connect the player directly to your TV. If you connect the player to a VTR, TV/VTR combination, video selector or AV amplifier, the playback picture may be distorted due to copy protection.



# Step 2 Connect the player to your TV.

#### Via HDMI input

HDMI stands for High Definition Multimedia Interface. HDMI transfers digital audio and uncompressed digital video on a single cable. As a result, audio cables and video cables don't need to be connected separately to a device.

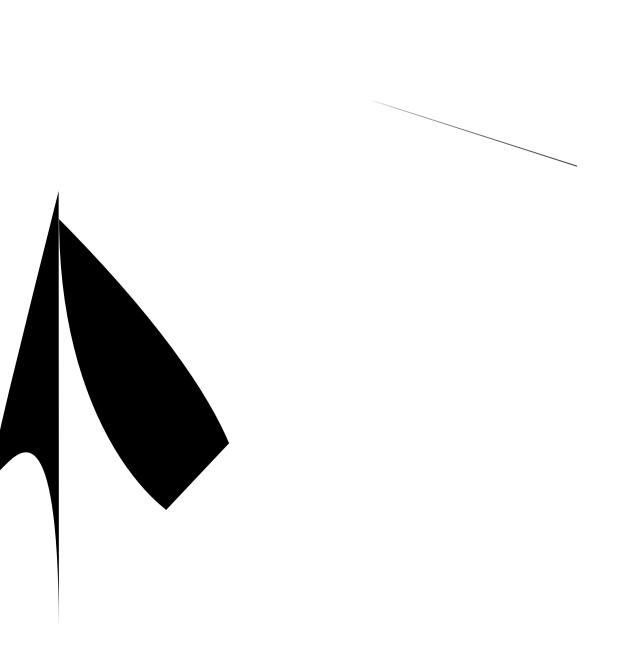


This player supports simultaneous output of video on its HDMI and component video ports. However, some discs may restrict output of video on the component video ports when viewing high definition content or up-converted DVD content. The resolution on the HDMI output will be the same as the resolution output on the component video output. Thus, because the HDMI output can change automatically to match the maximum available resolution of your display, if you connect both the HDMI output and component output, the resolution on the component output will change if the HDMI output auto-adjusts.

After completing the connection, proceed to page 23 to make the setting.

#### Notes

- Refer to the owner's manual for the TV to be connected to this player for more information concerning HDMI connections.
- When the HDMI connection is not verified, an error message appears on the front panel display. In this case, disconnect the HDMI cable then connect it again, or turn off the connected HDMI device then turn it on.
- HDMI output is digital only, DVI analog is not supported.
- HDMI is an evolving technology, so it is possible that some devices may not operate properly with this player.
- To get the most possible benefit from Dolby Digital Plus, you should connect your I/1D DVD player to your AV receiver using its HDMI input. If your AV receiver has this type of input, make sure it is connected to your HD DVD player and that the input is set to use audio from HDMI (and not the SPDIF coaxial or optical input). If your AV receiver does not have an HDMI input, then the next best choice is to use the SPDIF (coaxial or optical) input on your AV receiver.
- If you use the SPDIF optical output or analog outputs to connect your audio system and have the "Digital Out HDMI" ( page 53) set to "Auto" or "PCM", the audio output level from these jacks will be reduced when listening to a multi-channel disc. To restore the audio output level, set "Digital Out HDMI" to "Downmixed PCM".



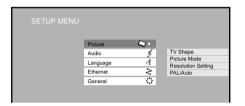
ON/S



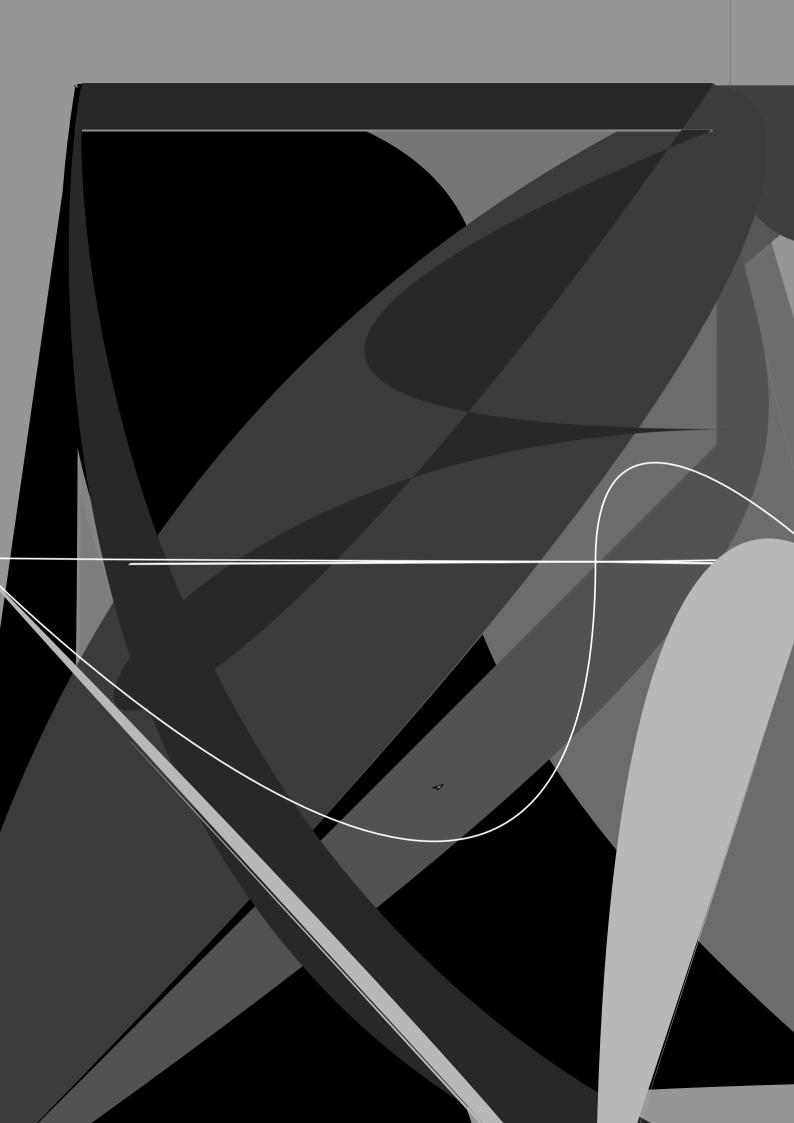
Connections

# Step 3 Configure settings for your display.

- **1** Turn on the TV and select the input to which the player is connected.
- 2 Press ON/STANDBY to turn on the player (□ page 30).
- **3** Press **SETUP** to display "SETUP MENU", if not displayed.



- **4** Press ▲ / ▼ to select "Picture" then press **OK**.
- **5** Press ▲ / ▼ to select "Resolution Setting", then press **OK**.
- 6 Press ▲ / ▼ to select the resolution according to the performance of your TV as shown in the table below.



#### Note about audio capabilities

- Dolby Digital Plus and DTS-HD (DTS core only) capability limited to 5.1 channels.
- DTS-HD processing of DTS core only. Full DTS-HD is not supported.

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

Manufactured under license from DTS, Inc. under one or more of the following U.S. Pat. No's. 5,451,942; 5,956,674; 5,974,380; 5,978,762; 6,226,616; 6,487,535 and other U.S. and world-wide patents issued and pending. "DTS" and "DTS Digital Surround" are registered trademarks of DTS, Inc. Copyright 1996, 2002-2006 DTS, Inc. All Rights Reserved.

# 3 Playback (Basic) Play your favorite disc.

Disc compatibility

Powering on/Loading a disc

Playing a disc

Playing at various speeds

## Disc compatibility

#### Pre-recorded discs

Disc			Specification
HD DVD video disc	D DVD	• 12cm (4 <sup>3</sup> / <sub>4</sub> in.)	
	VIDEO N	<ul> <li>12cm (4³/₄ in.)/ 8cm (3¹/₄ in.)</li> <li>Region number 2 or ALL</li> </ul>	The region number of this HD DVD player is 2. If region numbers, corresponding to a specific playable area, are printed on your DVD video disc and you do not find or or the disc is encoded to permit playback only in regions other than Region 2, disc playback will not be allowed by the player.
Audio CD	DIGITAL AUDIO	• 12cm (4 <sup>3</sup> / <sub>4</sub> in.)/ 8cm (3 <sup>1</sup> / <sub>4</sub> in.)	

#### Recordable discs you can play on this player

Disc	Specification
DVD-RW	DVD VR mode recording
DVD	(CPRM compatible discs supported.)  • DVD Video mode recording
Except Ver. 1.0	Finalized discs only.
DVD-R	DVD VR mode recording
DVD-N	(CPRM compatible discs supported.)
DVD	DVD Video mode recording
DVD-R For DL	• 4.7GB For General
	Finalized discs only.

Disc	Specification
CD-RW	CD-DA (audio CD) format
	Finalized discs only.
CD-R	CD-DA (audio CD) format
	Finalized discs only.

#### **Notes**

- Because HD DVD is a new format, disc compatibility issues with new and existing format discs are possible. Not all discs are compatible. If you experience compatibility problems, please contact Toshiba customer service. See page 8 for more information about disc compatibility.
- This player can play pictures of the PAL/NTSC colour system only.
- You cannot play non-standardized discs even if they may be labeled as above.
- · Discs other than the above cannot be played. Even some of the above discs may not be able to be played depending on their
- MP3 and WMA audio formats are not supported.
- Blu-ray Discs cannot be played on this player.



and are trademarks of DVD Format/Logo Licensing Corporation.

 Fingerprints and dust on the disc may cause picture and/or sound deterioration or prevent playback.
 Wipe the disc from the centre outwards with a soft cloth. Always keep the disc clean.



No



# Powering on/Loading a disc

#### Note

• If the player freezes for about 15 minutes or more and will not respond to any buttons, holding down ON/STANDBY button on the front panel for about 10 seconds can force the player to turn off. However, this is an emergency measure, which may cause damage to the player. Avoid casual use of this measure.

#### Note

 When you power on this player for the first time, the setting screen will appear. Please refer to page 50 and select "General" > "Clock Set". Check the date and time are set properly and correct them if necessary. When complete, press SETUP to exit. Your player is ready.

# Playing a disc

#### **Preparation**

Turn on the TV or audio system and select the corresponding input source that the player is connected to.

Turn the power on. (□ page 30)

HD DVD DVD-Video

To display a top menu

To display a menu



DVD-RW DVD-R

CD CD-RW CD-R (CD-DA) (CD-DA)

MAIN/SUE

• ence of operation or picture pausing continues for about 20 minutes, this player itself off. To operate again, press ON/STANDBY button to turn the player on.

#### Playing a disc (Continued)

HD DVD DVD-Video

Some discs may include a top menu, on which you can view the structure of contents or select a scene.

DVD-RW DVD-R

Discs recorded on personal devices such as DVD recorders may contain menus, on which items can be easily selected.

#### Notes

• The instructions above describe basic procedures which may vary depending on the contents of a disc. If different



MAIN/SUE

#### Playing a disc (Continued)



#### Selecting subtitles

HD DVD DVD-Video

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





#### Press during playback.

The current subtitle setting appears.



Some HD DVD video discs may not display this window.

A language code (pp page 59) may appear.

Each time you press **◄/▶**, "On" and "Off" alternate. Select "On" to view subtitles.



# Press while the subtitle setting is displayed on the TV screen.

Subtitle languages which do not appear in the setting are not included in the disc.

#### **Notes**

- · Some discs are set to display subtitles automatically.
- Depending on the scene, subtitles may not appear immediately after you set the subtitle function to on.
- Some discs will allow you to change subtitle languages and turn subtitles on or off only via the disc menu.
- When you turn on the player or replace a disc, the player returns to the initial default setting (page 54). Depending on a disc, a specific type of subtitles the disc has is output
- Depending on the scene, the subtitle language may not change immediately after selected.

#### Selecting the camera angle

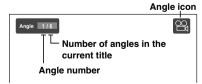
HD DVD DVD-Video

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



# Press while playing a scene recorded with multiple angles.

While playing a scene recorded with multiple angles, the angle icon appears on the TV screen and on the front panel. Press ANGLE button while the angle icon is displayed.



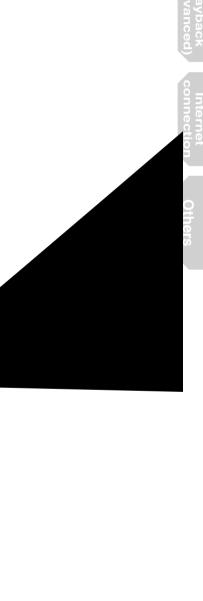
Some HD DVD video discs may not display this window.



## While the angle number is displayed, press repeatedly to select the angle number.

#### Notes

- You can also change the camera angle during still playback. The camera angle changes to the new setting when you resume normal playback.
- If you pause a picture immediately after changing a camera angle, the resumed playback picture may not display the new camera angle.







Repeat playback

**EXTENSION** ports

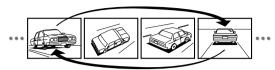
Using the cursor function

Checking the current status and settings





You can repeat a desired section.





Press EPEAT.

The repeat modes are listed.

## Press ▲/▼ to select the repeat mode.

(The selections on the list vary depending on category or status of a disc.)

Press OK

Repeat playback starts.

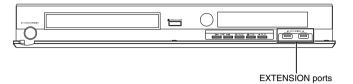
#### Notes

- Some discs may not permit repeat playback operation.
- You can cancel repeat playback also by pressing \_\_\_\_\_\_.

# **EXTENSION** ports

HD DVD

The EXTENSION ports may be used in the future for additional control options.



# Using the cursor function

HD DVD



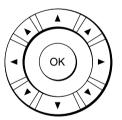
Future HD DVD discs may include game software and drawing software. If they do you can use the cursor function for some software.



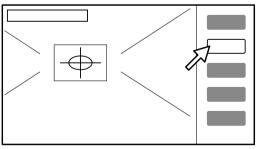
Press while a disc with support for cursor use is playing.



Use the eight direction buttons to move the cursor.



Example: Game/drawing software



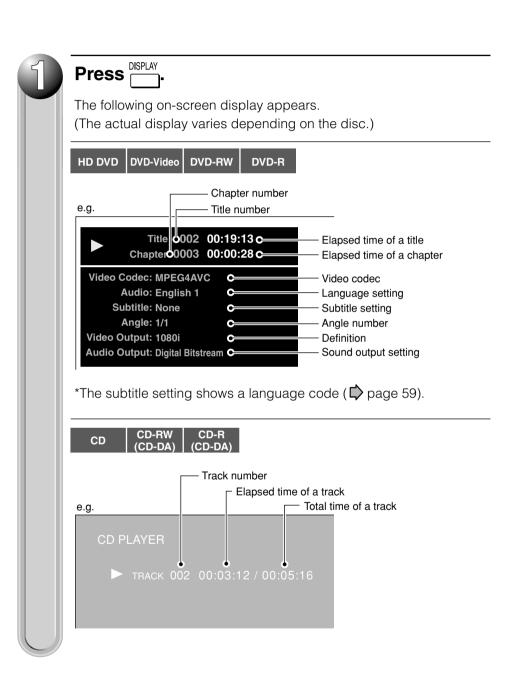
Move the cursor to select the game target or selection item. For details on actual operations, also refer to the operations guide for the disc.

# Checking the current status and settings

HD DVD	DVD-Video	DVD-RW
DVD-R	CD	CD-RW (CD-DA)
CD-R		

You can confirm operational status and setting details.





# Internet connection

Connect to a network with an always-on broadband connection and use special content.

Internet connection feature (Outline)

Internet connection feature (Preparation)

Internet connection feature (Operation)

You may use the internet connection feature to update the player's firmware. See page 58. Future HD DVD discs may enable you to access special HD DVD sites, if you connect the player to the Internet via an always-on broadband connection. For example, if an HD DVD site includes content such as links to future movie trailers, you can watch the content on the player via the Internet. You do not need to connect to a PC to use this function.

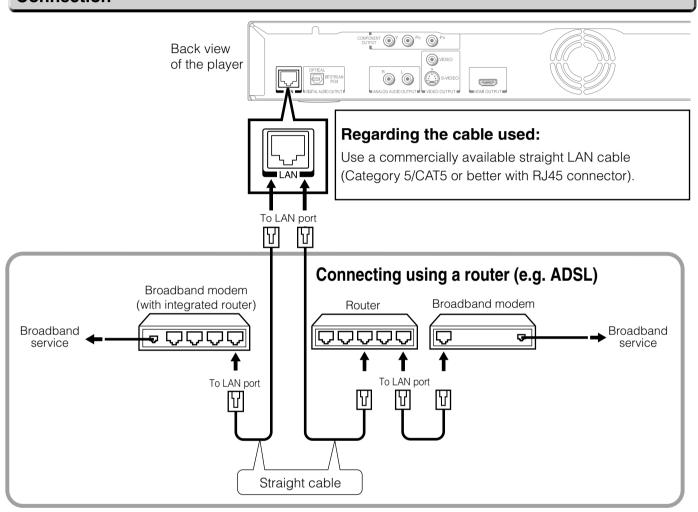
- Even if the player is properly connected and configured, some internet contents may not operate properly because of internet congestion, the quality or bandwidth of your internet service, problems at the provider of the content or compatibility issues.
- Some internet connection operations may not be possible due to certain restrictions set by the Internet service provider (ISP) supplying your broadband Internet connection.
- Any fees charged by an ISP including, without limitation, connection charges are your responsibility.
- A 10 Base-T or 100 Base-TX LAN port is required for connection to this player. If your internet service does not allow for such a connection, you will not be able to connect the player.
- A DSL modem is required to use DSL service and a cable modem is required to use cable modem service. Depending on the access method of and subscriber agreement with your ISP, you may not be able to use the internet connection feature contained in this player or you may be limited to the number of devices you can connect at the same time. (If your ISP limits subscription to one device, this player may not be allowed to connect when a PC is already connected.)
- The use of a "Router" may not be allowed or its usage may be limited depending on the policies and restrictions of your ISP. For details, contact your ISP directly.

# Internet connection feature (Preparation)

HD DVD

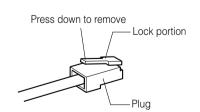
Connect the player to the Internet via an always-on broadband connection. In addition to accessing special HD DVD sites, this function is used when updates are available for the control program (firmware) of the player.

#### Connection



#### Caution

- When plugging or unplugging the LAN cable, hold the plug portion of the cable.
   When unplugging, do not pull on the LAN cable but unplug while pressing down on the lock.
- Do not connect a modular phone cable to the LAN port.
- Since there are various connection configurations, please follow the specifications of your telecommunication carrier or internet service provider.



#### **Note**

• Depending on the internet service provider (ISP), the number of devices that can receive internet service may be limited by the applicable terms of service. For details, contact your ISP.

#### Internet connection setting procedure (Outline)

## 1st DHCP setting

• Set "DHCP" to "On".

The network information is automatically set.

• Set "DNS" to "On".

The DNS server is obtained automatically from the DHCP server.

If a connection cannot be established even if "DHCP" is set to "On".

• Set "DHCP" to "Off".

Set "IP Address", "Subnet Mask", and "Gateway" manually.

• Set "DNS" to "Off".

Set the DNS server address manually.

## 2nd Proxy setting

If the provider you are using requires a proxy setting to be configured, set the corresponding proxy server address.

## 3rd NTP Server setting

The player automatically accesses an internet server to adjust its clock via the network time protocol.

## 4th Network Speed setting

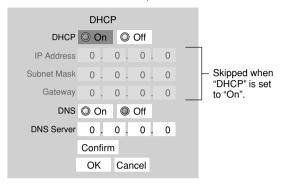
Select the speed according to the specification of your LAN.

## 5th Cookie setting

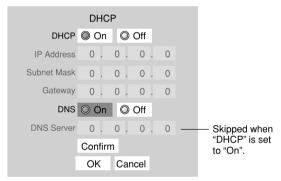
Select whether you accept "cookies" or not.

#### 1st DHCP setting

- 1 Press SETUP button. "SETUP MENU" appears.
- 2 Press ▲ /▼ buttons to select "Ethernet", then press OK button
- 3 On "Ethernet" menu, press ▲ / ▼ buttons to select "DHCP" then press OK button.
- 4 Set "DHCP" to "On", then press OK button.



5 Set "DNS" to "On", then press OK button.



6 Select "Confirm", then press OK button. Confirming starts.

If the setup is successful, an IP address appears. Press OK button.

#### If the setup is not successful:

- a) Set "DHCP" to "Off" then press OK button.
- b) Input the addresses into "IP Address", "Subnet Mask" and "Gateway" using the number buttons.

IP Address	This sets a different address within the same subnet of the PC on your network. e.g.: If the IP address of the PC is 192.168.1.10, set 192.168.1.15 (or some other unused address).
Subnet Mask	This sets the subnet mask of the network environment that will be connected. e.g.: 255.255.255.0
Gateway	This sets the gateway used by the player (e.g.: 192.168.1.1).

- c) Set "DNS" to "Off" then press OK button.
- d) Input the address into "DNS Server".

This sets the DNS server to be used by the player.

e.g.: 192.168.1.1

e) Press OK button.

# Internet connection feature (Operation)

HD DVD



#### **Preparation**

Connect and configure the player to access the Internet beforehand ( pages 44 to 46).



## Insert the HD DVD disc and close the tray.

The disc begins to play.

If the disc does not begin to play, press



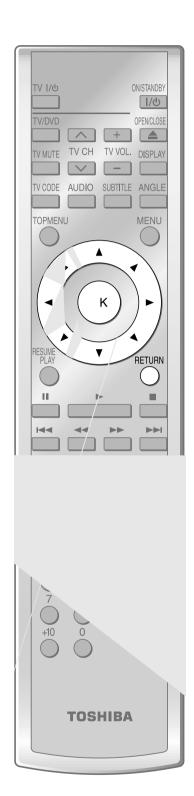
### Select an item from the menu.

- $\bullet$  If the menu does not appear, press  $\overset{\text{TOPMENU}}{\bigcirc}$  or  $\overset{\text{MENU}}{\bigcirc}$  .
- To select an item, use the direction buttons to select the item and press (ok).

# 6 Others This chapter in 1

This chapter includes details on setting items and information on troubleshooting problems.

- Customizing the function settings
- Language code list
- Output sound conversion table
- License information on the software used in the TOSHIBA HD DVD player
- Before calling service personnel
- **Specification**
- INFORMATION ON CUSTOMER SUPPORT



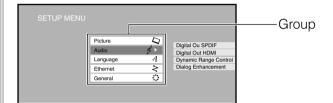
You can change the default settings to customize performance to your preference.



**During stop, press** SETUP SETUP MENU" appears.

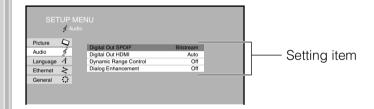


Press  $\blacktriangle/\blacktriangledown$  to select the group that contains a desired item, then press  $\bigcirc$ .



3

Press  $\blacktriangle/\blacktriangledown$  to select the setting item, then press  $\bigcirc$ K.





Refer to the explanations on pages beginning from 52, to change the selection by  $\blacktriangle/\blacktriangledown$  or other buttons, then press  $\bigcirc$ K.



Repeat step 3 and 4 to set other items if necessary.



Press .

"SETUP MENU" disappears and the setting is completed.

Group	Setting	Disc	Details	Page
Picture	TV Shape	HD DVD DVD-Video DVD-RW DVD-R CD	To select a picture size according to the aspect ratio of your TV.	52
	Picture Mode	HD DVD DVD-Video DVD-RW DVD-R	To select the system of output signal corresponding to playback source. (Only when connected to a PROGRESSIVE TV.)	52
	Resolution Setting	HD DVD DVD-Video DVD-RW DVD-R	To select the resolution of the player's output, according to the connected TV.	23
	PAL/Auto	DVD-Video DVD-RW DVD-R	To select the video system of a disc.	52
Audio	Digital Out SPDIF	HD DVD	To select the output sound format when connecting the DIGITAL AUDIO OUTPUT jack.	53
	Digital Out HDMI	HD DVD	To select the output sound format when connecting the HDMI OUTPUT jack.	53
	Dynamic Range Control	HD DVD DVD-Video DVD-RW DVD-R	To turn on or off a function that makes faint sounds easier to hear even if you lower the volume during late-hour playback.	53
	Dialog Enhancement	HD DVD DVD-Video DVD-RW DVD-R	To turn on or off a function that increases dialog volume of a disc playback.	53
Language	Disc Menu Language	HD DVD DVD-Video	To select a preferred language for disc menus.	54
	Subtitle Language	HD DVD DVD-Video	To select a preferred language for subtitles.	54
	Audio Language	HD DVD DVD-Video	To select a preferred language for the sound track.	54
	On Screen Language	HD DVD	To select a preferred language for on-screen displays.	55
Ethernet		HD DVD	To set up internet connection feature.	45
General	Parental Lock	HD DVD DVD-Video	To turn the parental lock function on or off.	56
	Clock Set	HD DVD	To set the clock of the player.	57
	OSD On/Off	HD DVD	To activate or deactivate the operational status display on the TV screen.	57
	Remote Controller Sound	HD DVD	To turn on or off the confirmation beeper announcing when each remote command is received.	57
	Maintenance	HD DVD	To reset player options to factory defaults or check for firmware updates.	58
	Twin Format Disc	HD DVD	To select the layer to play of an HD DVD Twin Format Disc. (Not available while a disc is loaded.)	58



## Customizing the function settings (Continued)

#### **Picture**

#### TV Shape

#### 16:9

Select when a 16:9 wide TV is connected.

#### 4:3

Select when a standard 4:3 TV is connected.

Displays pictures cropped to fill your TV screen. Both of the picture's sides are cut off.

#### 4:3 Letter Box

Select when a standard 4:3 TV is connected.

Displays theatrical images with masking bars above and below the picture.

#### **Notes**

- When an HD DVD disc or a DVD video disc has a particular available picture shape, the contents may not be compatible with other picture shapes.
- DVD video discs containing 4:3 picture only always display 4:3 pictures regardless of this setting.
- If "16:9" is selected while connecting a 4:3 TV, playback pictures may be distorted horizontally or shrink vertically. Make this setting according to your TV shape.
- Actual picture shape may depend on signal types of broadcasts or input sources, or settings on the connected TV. Refer to the owner's manual of your TV.

#### **Picture Mode**

There are two types of source content in pictures recorded in DVD video discs: film content (pictures recorded from films at 24 frames per second) and video content (video signals recorded at 25 frames in PAL (30 frames in NTSC) per second). Make this selection according to the type of content being viewed.

#### Film

The player converts film content pictures in the progressive output format appropriately. Suitable for playback of film content pictures.

#### Video

The player filters video signal, and converts it in the progressive output format appropriately. Suitable for playback of video content pictures.

#### Auto

Select this position normally. The player automatically detects source content, film or video, of playback source, and converts that signal in the progressive output format in an appropriate method.

#### Note

 The player may not be able to detect the source (film or video) of some material. If you notice undesirable picture performance, try selecting "Film" or "Video".

#### **Resolution Setting**

See page 23.

#### PAL/Auto

#### PAL

Select this when you view a DVD disc of PAL colour system on a PAL TV connected to this player.

#### Auto

The 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.

#### Note

 Actual effects of these settings may vary depending on performance of connected device.

#### **Audio**

#### **Digital Out SPDIF**

Selects the output sound format by the DIGITAL AUDIO OUTPUT BITSTREAM/PCM jack on this player.

For details about output sound selection, see page 60.

#### **Bitstream**

Select this when an AV receiver or processor equipped with built-in Dolby Digital, DTS or MPEG decoder is connected to this player.

When you play a disc recorded in Dolby Digital or DTS format, digital audio signal (bitstream audio) is output. When you play a disc recorded in Dolby Digital Plus, Dolby TrueHD or DTS-HD, the sound is converted to a DTS bitstream. If the AV receiver or processor does not support DTS, select "PCM".

#### PCM

Select this when a 2 channel digital stereo amplifier is connected to this player.

When you play an HD DVD or DVD video disc recorded in Dolby Digital, Dolby Digital Plus, Dolby TrueHD, DTS or DTS-HD format, sound is converted into PCM (2 channel) format.

#### **Digital Out HDMI**

Select the output sound format when a device equipped with an HDMI terminal is connected to the HDMI OUTPUT jack on this player.

For details about output sound selection, see page 60.

#### **Auto**

Select this when an HDMI device equipped with built-in Dolby Digital, DTS, MPEG or linear PCM decoder is connected to this player.

When you play a disc recorded in Dolby Digital Plus, Dolby TrueHD or DTS-HD, PCM is output (core only for DTS-HD).

When you play a disc recorded in Dolby Digital or DTS format, digital audio signal (bitstream audio) is output.

If a connected HDMI device does not support Dolby Digital, DTS or MPEG, sound is converted into linear PCM to output.

#### **PCM**

Select this when an HDMI device which has multi channel input is connected to this player.

When you play an HD DVD or DVD video disc recorded in multi channel in Dolby Digital, Dolby Digital Plus, Dolby TrueHD, DTS or DTS-HD format, the sound is decoded and output in multi channel in linear PCM format.

#### **Downmixed PCM**

Select this when a 2 channel digital stereo AV receiver or processor is connected to this player.

When you play a DVD video disc recorded in Dolby Digital, DTS, MPEG1 or MPEG2 format, sound is converted into PCM (2 channel) format to output.

#### **Note**

- Setting "Auto" or "PCM" will reduce output level of multi channel sound from the ANALOG AUDIO OUTPUT jacks and the DIGITAL AUDIO OUTPUT BITSTREAM/PCM jack if vou:
  - view the playback picture on an HDMI TV connected to this player.
- play an HD DVD video disc of a certain type, recorded in linear PCM format.

In this case, the output level will be restored by setting to "Downmixed PCM".

#### **Dynamic Range Control**

To turn on or off a function that makes faint sounds easier to hear even if you lower the volume during late-hour playback.

#### Auto

While playing an HD DVD video disc recorded in Dolby TrueHD format, this function will be automatically activated or disabled according to certain command included in the content.

For other discs, this function is activated.

#### On

This function is activated.

#### Off

This function is disabled.

#### Notes

- This function is effective only in playback of HD DVD or DVD video discs recorded in Dolby Digital, Dolby Digital Plus or Dolby TrueHD format.
- The effect level of this function vary depending on the disc.
- Not effective in Dolby TrueHD 96 kHz 5.1 channel sound.

#### **Dialog Enhancement**

To turn on or off a function that increases dialog volume of a DVD video disc playback.

#### On

This function is activated.

#### Off

This function is disabled.

#### **Notes**

- This function is effective only in playback of Dolby Digital recorded HD DVD or DVD video discs.
- The effect level of this function vary depending on the disc.



#### Customizing the function settings (Continued)

#### Language

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nch

'isplay disc menus in Frenci...

es?

lay disc menus in Japanese.

Gei

Το ι disc menus in German.

Other

To make her language choice.

After pre-⊃K button, follow steps 1) – 4) below.

nguage code of the preferred language 1) Obtair from the uage code list (page 59).

2) Select th character by pressing ▲ /▼ buttons.

3) Press **◄**/\ ons to shift. Select the second sing ▲ / ▼ buttons. character Ł

4) Select "OK" ess OK button.

Note

language.

• Some discs may be p in a different language fro that you selected, as the may contain alter

otitles. anguage ...

None

To disable subtitles.

**English** 

To display subtitles in English.

French

To display subtitles in French.

Japanese

To display subtitles in Japanese.

German

To display subtitles in German.

After pressing OK button,

1) Obtain the language from the Language co

2) Select the first charac

3) Press ◀/▶ buttons to character by pressing

Select "OK" and pres

• Some J language from alternate language.

 Some discs allow you to c via the disc menu. In this ( and choose the appropria selection on the disc menu ice.

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Select the second

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title language ..

**Audio Language** 

To select a prefer

**English** 

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**Japanese** 

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Other

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4) Select "O d pres

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page 59).

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Note

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e playe as the c ferent language from contain alternate

54

## **Ethernet**

See the "Internet connection" chapter ( page 42).

#### On Screen Language

To select a preferred language for on-screen displays.

#### **English**

To view on-screen display in English.

#### French

To view on-screen display in French.

#### Japanese

To view on-screen display in Japanese.

#### German

To view on-screen display in German.



#### arental Lock

DVD and DVD video discs equip to the Irental ck function have a predetermine on V. The tation level or limitation method for ending on disc. For example the whole soft of may not layed back, or an extremotion of the company of the center of

#### ntant

ending on discs, it e est
d s compatible wit Log
the arental Lock fy set

# a 4-digit by

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#### 2 Set th

a by using the number

#### Clock Set

To set the clock of the player.

- 1 Select your time zone by **◄**/▶ buttons.
- 2 Press ▼ button to shift the cursor to the next input area.
- 3 Enter the year using the number buttons.
- 4 Set "Month", "Date" and "Time" in the same manner as 3.
- 5 Select "AM" or "PM" by ▲ /▼ buttons.
- 6 Press ◀ button then ▼ button to select "OK", then press OK button.

The clock starts.

#### Note

 If a power failure occurs or the power cord is disconnected, the clock data will be erased. Reset the clock.



#### **Customizing the function settings (Continued)**

#### General

#### Maintenance (including internet firmware update)

#### Initialize

To reset all the settings listed on page 51 to factory set default.

Press **◄/▶** buttons to select "Yes" then press OK button.

#### **Update (Firmware update)**

If you have a broadband internet service you may obtain firmware updates over the internet using the LAN port on the back of your player. ( pages 44 to 46 for information on configuring and connecting your LAN port.) Then follow these steps:

- Make sure no disc is loaded in the player.
- Press SETUP and select "Maintenance". Follow the instructions on the screen.
- If no update is available, a message will note this and the process will terminate.
- If an update is available, the player will download it showing the status of the process on its display.
- Do not attempt to roll back to a prior firmware version.
   This may damage your player.

#### Caution

 Do not unplug, turn off or use any other feature of the player during the download. The writing of the software being downloaded will be halted and the player may no longer work properly. If the player stops working, contact Toshiba customer service.

#### **Persistent Storage**

To open the menu to control player's memory allocated for content. (Not available while a disc is loaded.)
The menu selections will vary depending on the content.
Operate following the instructions displayed on your screen.

#### **Twin Format Disc**

To select a layer to play, HD DVD or DVD of an HD DVD Twin Format Disc. (Not available if a disc is loaded.)

#### HD DVD

Only the HD DVD layer is played.

#### DVD

Only the DVD layer is played.

#### Note

• For combination discs, select the desired version by disc side (see label for information).

# Language code list

Abbreviation	Language
	No alternate
	language
CHI (ZH)	Chinese
DUT (NL)	Dutch
ENG (EN)	English
FRE (FR)	French
GER (DÉ)	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
ВН	Bihari
BI	Bislama
BN	Bengali, Bangla
ВО	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
ΙE	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   Thai
TH TI	Tigrinya
TK	Turkmen
TL	Tagalog
TN	
TO	Setswana Tongan
TR	Turkish
TS	Tsonga
TT	Tatar
TW	Twi
UK	Ukrainian
UR	Urdu
UZ	Uzbek
۷I	Vietnamese
VO	Volapük
wo	Wolof
XH	Xhosa
YO	Yoruba
ZU	Zulu
	_uiu

	Audio Format		"Digital O	ut SPDIF"
Disc			Bitstream	PCM
HD DVD Video	DD Plus/ D	olby TrueHD	Dolby Bitstream	2ch PCM
Advanced con.	dts-HD/L-P	CM	DTS Bitstream	2ch PCM
	DD plus		Bitstream	2ch PCM
	True HD	48kHz	Dolby bitstream	2ch PCM
		96kHz	Dolby bitstream	2ch PCM1
HD DVD Video		192kHz	Dolby bitstream	2ch PCM1
Standard	dts-HD		Bitstream	2ch PCM
content	L-PCM	48kHz	DTS bitstream	2ch PCM
		96kHz	DTS bitstream	2ch PCM1
		192kHz	DTS bitstream	2ch PCM1
	MPEG		Bitstream	2ch PCM
	DD		Bitstream	2ch PCM
	L-PCM	48kHz	2ch PCM	2ch PCM
DVD-Video		96kHz	2ch PCM1	2ch PCM1
	dts		Bitstream	2ch PCM
	MPEG		Bitstream	2ch PCM
CD	L-PCM	44.1kHz	2ch PCM	2ch PCM
CD	dts	44.1kHz	Bitstream	2ch PCM
	DD		Bitstream	2ch PCM
DVD-VR	L-PCM	•	2ch PCM	2ch PCM
	MPEG		Bitstream	2ch PCM

		"Digital Out HDMI"		
Disc	Disc Audio Format	Auto	PCM <sup>2</sup>	Downmixed PCM
HD DVD Video Advanced con.	DD Plus/ Dolby TrueHD/ dts-HD/L-PCM			

#### Notes

- The main title content of most movie HD DVD discs is "advanced content".
- The BITSTREAM/PCM jack may not output sound you select. In this instance, set "Digital Out SPDIF" to "PCM".
- The ANALOG AUDIO OUTPUT jacks always output 2ch sound only.



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Busybox			
glibc	Exhibit B	freetype	Exhibit D

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In other boy bs5.2(m)8.8(a222 Tc2.5(c)-4(c)-6.4(a)-3f)-6.8.3(o)6er( ip(e o)-10 in c)

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The implementation was written so as to conform with Netscapes

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# Before calling service personnel

If you experience any of the following difficulties while using this unit, check the list below before consulting your nearest Toshiba dealer.

Symptom	Remedy
■ No power.	→ Is the power plug disconnected? Check the power connection.
■ No picture.	→ Is the cable for connecting the player and TV disconnected or not connected properly? Check the connections (♠ page 21 – 22)
	→Switch the input of the connected TV to the signal from the player.
	<ul> <li>→ Are both the HDMI OUTPUT jack and the COMPONENT OUTPUT jacks connected simultaneously? Select either connection and make the appropriate setting.</li> <li>(□) page 21 – 23)</li> </ul>
	→ In case the menu of "Resolution Setting" disappears, make composite video (yellow) connection to restore it, then select the resolution which is compatible with the connected TV.
■ No sound.	→ Is the audio cable disconnected? (🖒 page 22)
	→ Is the volume of the device turned down to the minimum level? Check the volume.
	→ Switch the audio input of the device connected by the audio cable to the input from the player.
	→ Set "Digital Out SPDIF" or "Digital Out HDMI" (♠ page 53) properly in accordance with the connected device and connection procedure.
	→Change the output resolution (🖒 page 23) so that sound can be heard.
	→ If using the optical digital output for a Dolby Digital Plus, Dolby TrueHD, DTS-HD or DTS soundtrack, be sure your AV receiver or processor is set to use the input connected to your player and is set to decode a DTS bitstream. If your AV receiver or processor does not support DTS, select PCM output on the player (♠ page 53).
■ The disc does not play.	→ Make sure the disc type can be played with the player (🖒 page 28).
	→ Is the disc dirty or scratched? Check or clean the disc. (🖒 page 29)
	→ If the disc is a DVD-RW or DVD-R disc, finalize the disc before attempting to play it with the player.
	→ If the disc includes parent lock support, playback is restricted while the parent lock of the player is set. Cancel Parental Lock (♠ page 56) or change the restriction level.
■ Playback picture has noise.	→ If video from the player is watched via a video recorder or on a TV with a built-in video recorder, the copy guard may prevent images from being displayed properly. Be sure to connect the player directly to the TV.
■ The remote control does not	→ Are the batteries of the remote control dead? Replace the batteries. (🖒 page 16)
work.	→ Make sure the remote control is within range and pointed in the correct direction.
■ Screen freezes and no buttons work.	→ Pressing ON/STANDBY button on the player for approximately ten seconds forces the player to turn off. Turn the player off and then on again.



# **Specification**

#### ■ Power requirement

41.0W

#### Power supply

220 - 240V AC 50/60Hz

#### Mass

4.1kg

#### ■ External dimension

Width 430 x Height 65.5 x Depth 343mm

#### ■ Signal system

Standard PAL/NTSC colour TV system

#### Laser

Semiconductor laser, Wavelength: 405nm/650nm/780nm

#### ■ VIDEO output

1.0Vp-p (75 $\Omega$ ), Sync signal negative, Pin jack x 1 system

#### ■ S-VIDEO output

(Y) 1.0Vp-p (75 $\Omega$ ), Sync signal negative, (C) 0.286Vp-p (75 $\Omega$ ), 1 at rear Mini DIN4 Pin x 1 system

#### ■ Component output (Y, PB PR)

Y output (green), 1.0Vp-p (75 $\Omega$ ), Sync signal negative, Pin jack x 1 system P<sub>B</sub>, P<sub>R</sub> output (blue, red), 0.7Vp-p (75 $\Omega$ ), Pin jack x 1 system each

#### Analog audio output

2.0V (rms), 2.2k $\Omega$  or below, pin jack (L, R) x 1 system

#### ■ Digital audio output (BITSTREAM/PCM jack)

Optical connector x 1 system

#### LAN port

100BASE-TX/10BASE-T × 1

#### **■ EXTENSION port**

EXTENSION port × 2 systems

#### ■ HDMI output

19 pin

#### ■ Remote control

Wireless remote control (SE-R0252)

#### Operating conditions

Temperature:  $41^{\circ}F \sim 95^{\circ}F$  ( $5^{\circ}C \sim 35^{\circ}C$ ),

Position: Horizontal

#### Clock accuracy

Quartz (monthly deviation: approximately ±30 seconds)

- Designs and specifications are subject to change without notice.
- This model may not be compatible with features and/or specifications that may be added in the future.
- The Illustrations and screens described in this manual may be exaggerated or simplified for easy recognition and may be slightly different from the actual unit.

# **MEMO**

#### INFORMATION ON CUSTOMER SUPPORT

HD DVD is a new and evolving format, so changes and improvements are possible. To obtain updated information about HD DVD and this product, as well as customer support information about this product, please contact Toshiba customer service for your country or http://www.highdefinitiondvd.eu/.

#### **Customer Helpline**

(This is only for U.K. customers.)

Should you experience any problems during the installation of this product or within the first 12 months of purchase\* please call the

#### Toshiba Customer Helpline on 01159766958.

To assist the Helpline when contacting them please have available.

- The Owners manual supplied with the Product,
- The Model Number.
- The Serial Number (generally on the back of the unit),
- A pen.
- \* Should you experience any problems after 12 months from date of purchase contact your original supplying dealer.



