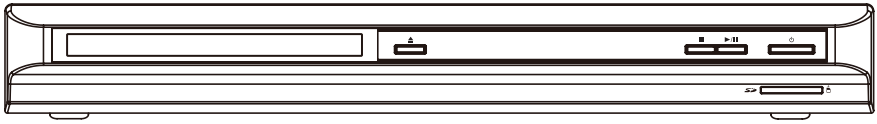
TOSHIBA

Blu-ray Disc Player



BDX1100KB

Owner's Manual

dts-HD Master Audio Essential

DOLBY TRUE HD DIGITAL PLUS

HDMI HIGH-DEFINITION MULTIMEDIA INTERFACE

AVCHD

Java POWERED

English

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1 Important

Safety and important notice

Warning:

- Risk of overheating! Never install the product in a confined space. Always leave a space of at least 4 inches around the product for ventilation. Ensure curtains or other objects never cover the ventilation slots on the product.
- Never place the product, remote control or batteries near naked flames or other heat sources, including direct sunlight.
- Only use this product indoors. Keep this product away from water, moisture and liquid-filled objects.
- Never place this product on other electrical equipment.
- Keep away from this product during lightning storms.
- Where the mains plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.

LASER
CAUTION:
USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.
CAUTION:
VISIBLE AND INVISIBLE LASER RADIATION WHEN OPEN AND INTERLOCKS DEFEATED. DO NOT STARE INTO BEAM.
LOCATION:
INSIDE, NEAR THE DECK MECHANISM.

This product and - if applicable - the supplied accessories too are marked with "CE" and comply therefore with the applicable harmonized European standards the Low Voltage Directive 2006/95/EC, the EMC Directive 2004/108/EC ,the ErP Directive 2009/125/EC.
Responsible for CE-marking is TOSHIBA INFORMATION SYSTEMS (U.K.) LTD, Toshiba Court, Weybridge
Business Park, Addlestone Road, Weybridge,Surrey,KT15 2UL, United Kingdom.

Disposal of your old product and batteries

Following information is only valid for EU-member States:
Disposal of products

The crossed out wheeled dust bin symbol indicates that products must be collected and disposed of separately from household waste. Integrated batteries and accumulators can be disposed of with the product. They will be separated at the recycling centres.
The black bar indicates that the product was placed on the market after August 13, 2005.
By participating in separate collection of products and batteries, you will help to assure the proper disposal of products and batteries and thus help to prevent potential negative consequences for the environment and human health.
For more detailed information about the collection and recycling programmes available in your country,please visit our website (***www.home-entertainment.toshiba.co.uk***) or alternatively please contact your retailer where the product was purchased.

Disposal of batteries and/or accumulators

The crossed out wheeled dust bin symbol indicates that batteries and/or accumulators must be collected and disposed of separately from household waste.
If the battery or accumulator contains more than the specified values of lead (Pb), mercury (Hg),and/or cadmium (Cd) defined in the Battery Directive (2006/66/EC), then the chemical symbols for lead (Pb), mercury (Hg) and/or cadmium (Cd) will appear below the crossed out wheeled dust bin symbol.
By participating in separate collection of batteries, you will help to assure the proper disposal of products and batteries and thus help to prevent potential negative consequences for the environment and human health.
For more detailed information about the collection and recycling programmes available in your country,please visit our website (***www.home-entertainment.toshiba.co.uk***) or alternatively please contact your retailer where the product was purchased.

General Information

This appliance may be fitted with a non-rewireable plug. If it is necessary to change the fuse in a non-rewireable plug the fuse cover must be refitted. If the fuse cover is lost or damaged, the plug must not be used until a replacement available from the appliance manufacturer is obtained. If the plug has to be changed because it is not suitable for your socket, or becomes damaged, it should be cut off and an appropriate plug fitted following the wiring instructions below. The plug removed must be disposed of safely as it is hazardous if inserted into a live socket.

IMPORTANT

The wires in this mains lead are coloured in 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 colored green or green-and-yellow.

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

Copyright notice

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

Notice for Trademark

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HIGH-DEFINITION MULTIMEDIA INTERFACE

HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries.

Blu-ray Disc

'Blu-ray Disc' and 'Blu-ray Disc' logo are trademarks.

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

dts-HD Master Audio Essential

Manufactured under license under U.S. Patent #'s: 5,451,942; 5,956,674; 5,974,380; 5,978,762; 6,226,616; 6,487,535; 7,392,195; 7,272,567; 7,333,929; 7,212,872 & other U.S. and worldwide patents issued & pending. DTS and the Symbol are registered trademarks, & DTS-HD, DTS-HD Master Audio | Essential and the DTS logos are trademarks of DTS, Inc. Product includes software. © DTS, Inc. All Rights Reserved.

BD LIVE BONUSVIEW ™

'BD-Live' and the 'BONUSVIEW' are trademarks of Blu-ray Disc Association.

AVCHD

'AVCHD' and the 'AVCHD' logo are trademarks of Panasonic Corporation and Sony Corporation.

DVD VIDEO

'DVD Video' is a trademark of DVD Format/ Logo Licensing Corporation.

Java POWERED

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2 Your Product

Regions Codes

Both the Blu-ray Disc player and the discs are coded by region. These regional codes must match in order to play the disc. If the codes do not match, the disc will not play. The Region Number for this Blu-ray Disc player is described on the rear panel of the Blu-ray Disc player.

Region	DVD discs that can be played
U.S.A. and Canada regions	ALL 1
U.K., Europe regions and Japan	ALL 2
Asia Pacific, Taiwan, Korea	ALL 3
Australia, New Zealand, Latin America	ALL 4
Russia and India regions	ALL 5
China, Calcos Islands, Walls and Futuna Islands	ALL 6

Region	BD discs that can be played
North America, Central America, South America, Korea, Japan, Taiwan, Hong Kong and South East Asia.	A B C, A
Europe, Greenland, French territories, Middle East, Africa, Australia and New Zealand.	A B C, B
India, China, Russia, Central and South Asia.	A B C, C

Feature highlights

High-Definition entertainment
Watch high-definition content disc with HDTV (High Definition Television). Connect it through a high speed HDMI cable (1.3 or category 2). You can enjoy excellent picture quality up to 1080p resolution with the frame rate of 24 frames per second with progressive scan output.

BD-Live

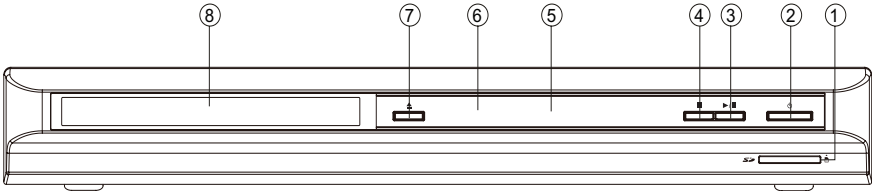
Connect this player to the movie studios website via the LAN jack to access a variety of up-to-date content (e.g. refreshed previews and exclusive special features).

Blu-ray Disc Java

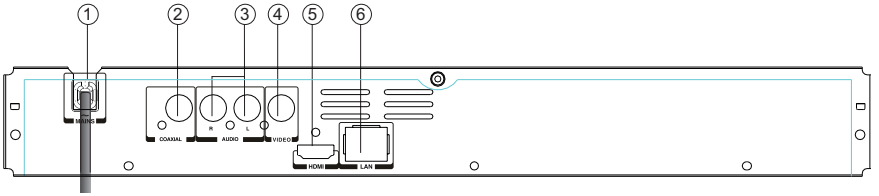
Blu-ray Disc Java(BD-J) Application
The BD-ROM format supports Java for interactive functions. "BD-J" offers content providers almost unlimited functionality when creating interactive BD-ROM titles.

Product overview

Main Unit



NO	Control	Function
①	SD card slot	Insert an SD card
②	⏻	Turns the power on or restores the unit to the standby mode.
③	▶/❚❚	Playback/Pause.
④	■	Stop play.
⑤	Display panel	Show information about the current status of this unit.
⑥	IR Sensor	Point the remote control at the IR sensor.
⑦	⏏	Open or close the disc compartment.
⑧	Disc compartment	Loads a disc into the disc drive.



NO	Control	Function
①	AC power cord	Connects to a standard AC outlet.
②	COAXIAL jack	Output digital audio signals when connecting the coaxial digital cable.
③	ANALOG AUDIO OUTPUT jacks	Outputs audio signals to a connected TV or AV amplifier.
④	VIDEO OUTPUT jack	Output video signals to a connected TV.
⑤	HDMI OUTPUT jack	Outputs video/audio signals to a connected TV, monitor or AV amplifier. Connect to a TV, monitor or AV amplifier equipped with HDMI input.
⑥	LAN jack	Use this to connect to a network with an always-on broadband connection. It is reserved for future usage of BD-Live..

Remote Control

REMOTE SIGNAL EMITTER
• Point remote control to the sensor on the front panel

ON / STANDBY ⏻
• To switch the BD player to ON or standby mode

SETUP
• Enters or exits the system setup menu

MC(Media Center**)**
• To OPEN/CLOSE Media Center

PIP AUDIO
• Switch the secondary audio of secondary video(PIP) to on or off

SEARCH
• To search a title, chapter, track or playing time

HDMI
• To change resolution of HDMI video output to fit TV. Such as 1080P, 1080i… etc.

⏮/⏭ PREV & NEXT
• Skip to previous/next chapter/ title/track

■ STOP
• Stop playback

◀◀I/I▶▶
• Instant replay/instant search

◀◀/▶▶ F.R & F.F
• Fast reverse/ fast forward

▶/II PLAY/PAUSE
• Start/Pause playback

PROGRAM
• To access program list.

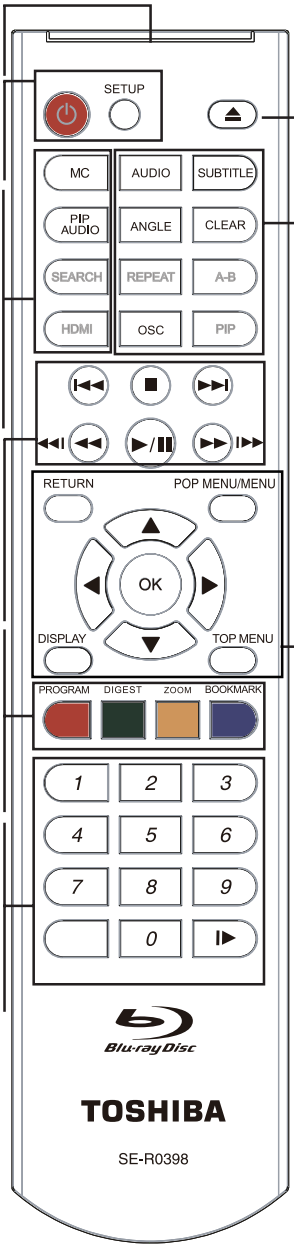
BOOKMARK
• To bookmark at any point during playback

ZOOM
• To zoom out/in

DIGEST
• To access JPEG thumbnail view during playback

Number Buttons
• Select numbered items in a menu
• Press to enter track/ chapter/ title numbers/password directly

I▶
• Do a slow forward during normal playback
• Advance the picture frame by frame during pause mode



▲ OPEN/CLOSE
• Open/ Close the disc tray

AUDIO
• To select the sound stream; press repeatedly to select different audio streams available in your disc

SUBTITLE
• To display subtitle; press repeatedly to select different subtitles available in your disc

ANGLE
• Switch the camera angle during playback

CLEAR
• To clear an entry or the bookmark and program you set

REPEAT
• Selects various repeat mode

REPEAT A-B
• To repeat from A to B

PIP (Picture in Picture)
• Switch on or off the secondary video

OSC
• To access On Screen Control menu

RETURN
• Return to previous menu

POP MENU/MENU
• To display a menu included on many BD/DVD video discs

TOP MENU
• To display the disc title during playback

DISPLAY
• To display a window to locate a title, chapter or track

OK
• Acknowledge/ Confirm menu selection

◀▶▲▼
• Navigation/ Cursor buttons for moving to the left / right / up / down
• Press◀/▶during JPEG playback to rotate the current photo track, but the JPEG playback will be paused

3 Connections

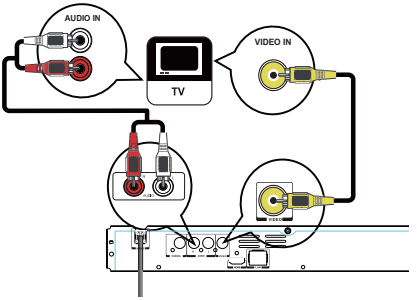
Make the following connection to use this product.

Connecting to a TV

Connect the product to TV to view disc play, Select the best video connection that TV can support:
Option 1: Connect to the composite video jack(VIDEO)
Option 2: Connect to the HDMI Jack

Option 1: Connect to the composite video jack (VIDEO)

You can connect this product to a TV through the composite video cable which provides standard picture quality.

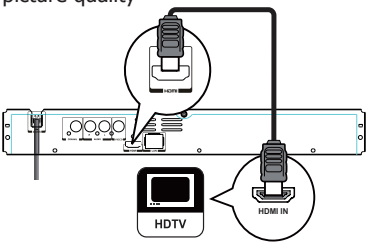


1. Connect a composite cable from the VIDEO OUTPUT jack and analogue AUDIO OUTPUT jacks on this product to the video input jack(yellow) and audio input jacks(white/red) on the TV.

Note:
-Connect this unit directly to the TV. If the composite Audio / video cables are connected to a VCR, pictures may be distorted due to the copy right protection system.

Option 2: Connect to the HDMI Jack

This type of connection provides better picture quality



1. Connect a HDMI cable from the HDMI output jack on this product to the HDMI input jack on the TV.

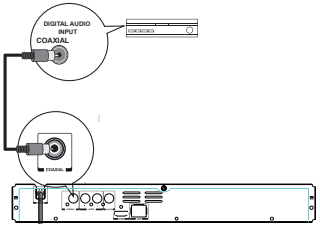
Notes:
– If the TV has a DVI connector only, connect via an HDMI/DVI adapter. Connect an audio cable for sound output.
– You can optimize the video output by pressing the HDMI button repeatedly to select the best resolution which the TV can support.
– When the player is connected to both VIDEO OUTPUT jack and HDMI OUTPUT jack, resolution is set to 720p/1080i/1080p, there will be no video output through VIDEO OUTPUT jack.

Optional Connection

Option 1: Connect to digital amplifier/ receiver
Option 2: Connect to analogue stereo system
Option 3: Connect to network

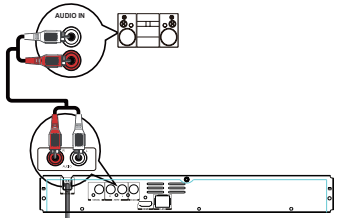
Option 1: Connect to the digital amplifer/receiver

Route the sound from this player to other device to enhance audio output.



1. Connect a coaxial cable from the COAXIAL jack on this product to the COAXIAL jack on the device.

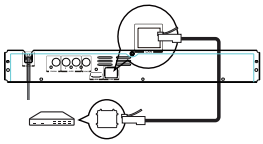
Option 2: Connect to an analogue stereo system



1. Connect the audio cable from the analogue AUDIO OUT jacks on this product to the audio input jacks on the system.

Option 3: Connect to network

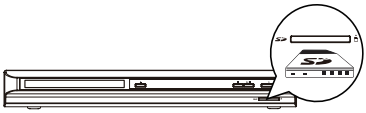
Connect this product to the network to enjoy BD-Live bonus content.



1. Connect the network cable from the LAN jack on the product to the LAN jack on the network system.

Inserting an SD Card

An SD card provides an additional memory to software upgrade and enjoy BD-Live bonus content. You can also enjoy playing back MP3/JPEG/MPEG4 files stored in the card.



1. Gently push the SD card, with its label side facing up, into the SD card slot until it clicks.

Notes:

- Insert only SD Card to the SD card slot on this product.

*- When you enjoy BD-live bonus content, as your local storage, use a **1 GB or larger SD Card.***

- TOSHIBA does not guarantee 100% compatibility with all SD Cards.

Connect Power

1. Connect the AC power cable to:
   - the wall socket.
   • The product is ready to be set up for use.

Notes:

– Before connecting the AC power cord, ensure you have completed all other connections.

– Risk of product damage! Ensure that the power supply voltage corresponds to the voltage printed on the back of the unit.

– The type plate is located on the back of the unit.

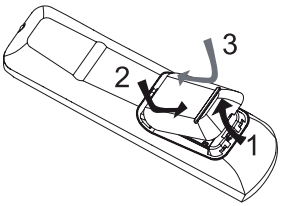
4 Preparation

Always follow the instructions in this chapter in sequence.

Note:

- Use of controls or adjustments or performance of procedures other than herein may result in hazardous radiation exposure or other unsafe operation.

Prepare the remote control



1.Open the battery compartment.
2.Insert two R03 batteries with correct polarity (+/-) as indicated.
3 Close the battery compartment.

Notes:

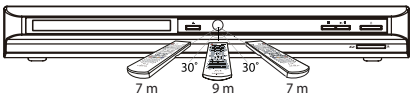
- If you are not going to use the remote control for a long time, remove the batteries.

- Do not use old and new or different types of batteries in combination.

- Risk of explosion! Keep batteries away from heat, sunshine or fire. Never discard batteries in fire.

• The maximum operable ranges from the unit are as follows.

- Line of sight: approx. 9 m
- Either side of the centre: approx. 7 m within 30°
- Above: approx. 7 m within 30°
- Below: approx. 7 m within 30°



Setting up the player

Find the correct viewing channel

1.Press ⏻ to turn on this product.
2.Turn on the TV and switch to the correct video-in channel (refer to the TV user manual on how to select the correct channel)

Initial Setting

When you turn on this unit for the first time, you need to follow these steps.
1. A welcome page will be displayed when this product is powered on.
2. Press OK to enter language setting.
3. Select your desired language, resolution and aspect ratio using ▲/▼, then press OK.
4. Press SETUP to exit the Setup menu.

Use the SETUP menu

1.Press SETUP to display the Setup menu when the BD Player is playing or no disc. And press SETUP to exit the Setup menu.

Tip:

- When playing a high-definition sources, must press STOP ■ *button to enter* SETUP *interface.*

Select menu display language

1.Press SETUP
[General Setting] menu is displayed
2.Select **[Language],** then press ▶
3.Select **[OSD],** then press ▶.
- The language options may vary for different regions.

4.Press ▲/▼ to select a language, then press OK

Note:

- If this disc player is connected to a HDMI CEC compliant TV, skip this setting. It switches automatically to the same OSD menu language as per your TV setting.

5 Playback

Playback Functions

Basic Playback

1. Press ⏻ button on the front panel or the remote control, your BD player will turn on. The unit will take around 20 seconds to warm up.
2. Turn on the TV, and then select the input setting on the TV that matches the connection method you used to connect your player.
3. Press OPEN/CLOSE ⏏ to slide out the disc tray.
4. Place a disc on the disc tray with the label facing up, and then press OPEN/CLOSE ⏏ to slide back and close the disc tray.
The disc loading time depends on the types of disc you are loading, and loading a Blu-ray Disc will take longer time.
5. If the disc does not start playing automatically, please press ▶/❚❚ to start playback.
6. If a Blu-ray disc or DVD menu displays, use cursor buttons to select PLAY. Then, press OK to confirm.
7. To eject the disc, press OPEN/CLOSE ⏏.

Pause playback

1. Press ▶/❚❚ to pause playback. The sound will be muted.
2. Press ▶/❚❚ to resume the playback.

Stop playback

1. Press STOP ■ button once to go to resume mode, the TV screen will show the resume logo.
2. Press STOP ■ twice to stop the playback completely.
3. Press ▶/❚❚ to resume playback from the point where playback is stopped or from the beginning of the disc after the playback is completely stopped.
Not all Blu-ray Discs support the resume feature.

Fast Forward and Fast Reverse

1. Press F.F ▶▶ to fast forward through the disc. The fast forward speed changes based on how many times you pressed the button. The speed will increase through the following sequence:
2X, 4X, 8X, 16X, 32X
2. Press ▶/❚❚ to resume playback.
3. Press F.R ◀◀ to fast reverse through the disc. The fast reverse speed changes based on how many times you pressed the button. The speed will increase through the following sequence:
2X, 4X, 8X, 16X, 32X
4. Press ▶/❚❚ to resume playback.

Instant Search and Instant Replay

1.During playback, press and hold ▶▶ button, you can skip 30 seconds forward.

2.During playback, press and hold ◀◀ button, you can instant replay the content from 10 seconds before.

Previous and Next

During playback, press PREV ⏮ button, and you can skip back to the previous chapter or track. Each press of this button will allow you to skip a chapter or track till the beginning of the disc.
Press of NEXT ▶▶⏭ button during playback will allow you to skip the playback to next chapter or track.

Slow Forward

1. Press ❚▶ during normal playback. The slow forward speed is 1/16 in default.
2. To change slow forward speed, press ❚▶ repeatedly, and the slow forward speed will be changed in the following sequence: 1/16, 1/8, 1/4, 1/2, normal.
3. To exit slow forward mode and return to normal playback, press ▶/❚❚.

Step Forward

Use this feature to help you to enjoy the video frame by frame.
1. Press ▶/❚❚ during normal playback, then playback will change to pause state.
2. Press ❚▶ repeatedly to advance the picture frame by frame.
3. Press ▶/❚❚ to resume normal playback.

HDMI

When there is file or disc being played, it is not allowed to switch resolution through the HDMI button of the Remote Control.

Advanced Playback

DISPLAY
Press this button and the screen will display some information about disc, such as: Title number, Chapter number, Track number, Elapsed Time, Mode, Audio, Angle, and Subtitle languages. Press this button again to turn off the information display.
During DVD/CD playback, you may edit the chapter and track.

REPEAT
Press REPEAT repeatedly to select different repeat modes.
DVD:Repeat Chapter, Repeat Title, and All.
VCD PBC Off/CD/JPEG/MP3:Repeat Track and All.

A-B
To play certain section within the video or song, press A-B button to set the start-point. Then, press A-B button again to set the end-point and complete the setting. The selected section will be played repeatedly.
Press A-B button the third time to cancel this function.
The end point cannot be set until 5 seconds of playback has elapsed from the start point.

SEARCH
During playback, press SEARCH button to edit Title, Chapter, and Time.
Press ◀ / ▶ and OK button on the remote control to select Title, Chapter, or Time. Then press the numeric buttons or ▲ / ▼ and then press OK. The playback will skip to the desired location.
For Time Search, press ▲ / ▼ to select Title or Chapter time search.

SUBTITLE
Press this button repeatedly and the screen will display "X/XX XXX" or "Off". The "X" indicates the current number of this language; "XX" indicates the total number of language; "XXX" indicates the language.
The number of available languages depends on the disc.

RETURN
Press this button to return to the previous on-screen menu in setup menu such as Information, Parental Control, Country Code etc.
During MP3/JPEG/VIDEO playback , press return once, it will return back to Media Center page.
During VCD disc playback and PBC On is selected, press the button to return to PBC Menu.

ANGLE
During playback, press this button to change the angle of the picture. The screen will display "Angle X/X." The first "X" indicates the current number of angle, and the second "X" indicates total number of angle.
Not all BD or DVD has the multi-angle feature. The screen will take around 5 seconds to change.

TOP MENU
You may press this button at any time, and the BD or DVD video disc playback will pop up the disc menu.

POP MENU/MENU
During Blu-ray Disc playback, press POP MENU/MENU to display the disc title, and the playback will not be stopped even the menu is on the screen.
1. Press the ▲ / ▼ / ◀ / ▶ buttons to select an option, then press OK to confirm.
2. Press POP MENU/MENU to close the menu.
During DVD playback, press POP MENU/MENU to open the disc menu.
During VCD playback, press POP MENU/MENU to switch PBC On/Off.
During displaying SD card and Data Disc file content in media center, press POP MENU/MENU to add the Photo/Music/Video files to the playlist.
1.Press ▲ / ▼ / ◀ / ▶ buttons to select an option under the Photo/Music/Video files.
2. In the file browser, press ▶ to select the file(s) to be added to the playlist. "√ " will appear beside the selected files.
3. Press POP MENU/MENU button, a pop up menu will appear, then press ▲ / ▼ and OK button to select "Add to Playlist" to add the files to the Playlist. "Select all" and "Clear all" options are also available. Select "Cancel" to exit the pop up menu.
All the selected files will be added to the "Playlist" folder. You can play or delete the files in the playlist.
Press POP MENU/MENU to delete the selected files in"Playlist"

SETUP
Press the SETUP button, and the screen will display some information about the player, such as:
- General Setting
- Display Setting
- Audio Setting
- System Information

PROGRAM
During CD/DVD/VCD playback, you can press this button to edit the sequence of the playlist.

BOOKMARK
During VCD/DVD disc playback,press the BOOKMARK button to add the bookmark; press and hold for a few seconds to display the list of bookmark which you added before on the screen, then you can press the OK button to select the bookmark or CLEAR button to delete the bookmark.

AUDIO
Press AUDIO button on the remote control to select the audio streams that set within the Blu-ray or DVD disc.
The screen will display:
AUDIO: X / XX XXX XXXX
"X" - the Current Audio Stream Number
"XX" - The total number of Audio Stream
"XXX" - Audio Language
"XXXX" - Audio Technology

MC
Press this button to play media files in the SD card.

ZOOM
1. Press ZOOM button repeatedly to Zoom in/ out playback in the video.
Zoom mode : Zoom 2x -> Zoom 3x -> Zoom 4x -> Zoom 1/2 -> Zoom 1/3 -> Zoom 1/4.

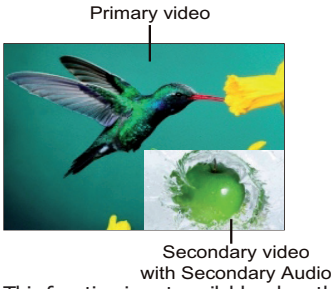
DIGEST
During playback of JPEG disc, press DIGEST to view a page of 12 thumbnail images.
- Use ▲ / ▼ / ◀ / ▶ to select an image. Press OK to view the selected image in full-screen and subsequent images will be displayed one after another automatically.
- Press PREV |◀◀ / NEXT ▶▶| to view the previous or next thumbnail screen.

PIP AUDIO
Press PIP AUDIO button to open the secondary audio of secondary video(PIP's sub-window video).

OSC
Press OSC to open On Screen Control menu during playback. In this menu, you can make some playback-related control.
The on screen control contains following items:
[Title]: The title in current playback/titles in total. Select your desired title to playback.
[Chapter]: The chapter in current playback/ chapters in total. Select your desired chapter to playback.
[Time]: View the elapsed/remaining playback time of title/chapter. Use ▲ / ▼ to view: the elapsed playback time of title, the remaining playback time of title, the elapsed playback time of chapter, and the remaining playback time of chapter.
[Mode]: Select playback mode among shuffle, random, and normal.
[Audio]: The BD/DVD disc's soundtrack language. Use ▲ / ▼ to view the audio available in the disc and select your desired Audio type.
[Angle]: The angle view of current playback/ the angles in total. Please reference Playback>Angle to see more detailed info. Use ▲ / ▼ to select your desired angle view.
[Subtitle]: The Subtitle in current playback. Use ▲ / ▼ to view the subtitles available in the disc and select your desired subtitle type or turn it off.
[Subtitle Style]: When you play the BD or DVD disc and if it has external subtitle, you will see it in OSC menu.
[Bitrate]:Use ▲ / ▼to select your desired Bitrate.
[Still Off]: Close the Still feature of DVD disc. For some DVD discs, a certain video picture will be freeze as a still picture during the process of playback to let user better view the certain picture. To continue playback, select Still Off.
[Ins Search]: Instant skip 30 seconds for search.
[Ins Replay]: Replay the content from 10 seconds before.
Tip:
- The specified operation for each item will vary with disc types. And some items are available only when the disc is supportable.

Blu-ray Disc Bonus View

Playing Secondary Video (Picture-in-Picture) and Secondary Audio is for Blu-ray Disc only. Secondary video can be played from a disc compatible with the Picture-in-Picture (PIP) function.
For the playback method, refer to the instructions for the disc.
1. Turn on secondary video by pressing the PIP button.
2. Press the PIP AUDIO button to select the secondary audio, and select an option except Off. The secondary audio is opened, you can hear the disc secondary video sound.
In order to hear the secondary audio, the PIP feature on the disc must be turned on.
3. Press the PIP AUDIO button again to turn off the secondary video.



This function is not available when the primary video is played in Search, Slow-Motion, or Frame-by-Frame or Fast Forward/ Reverse mode.
To listen to the secondary audio, the digital audio output must be set to "Bitstream", "Re-encode" or "PCM". Otherwise, only the primary audio can be heard.
Notes:
-Not all the BD discs can support this function.
-High Definition PIP (Second Video) is not supported.

English

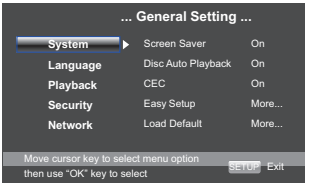
6 Customizing

This section describes the various setting option of this BD player.

If the setup option is grayed out, it means the setting cannot be changed at the current state.

General Setting

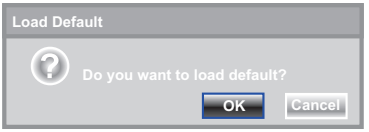
1. Press SETUP button on the remote control.The Setup Menu appears.



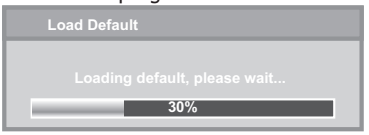
2. Press ▼ to select an option, then press ▶ to access.
3. Press ▲/▼ to select a setup option and press ▶
4. Select the setting you wish to change and press OK to confirm.
   - Press ◀ to return to the previous menu.

[System]
To change the following system option to personalize your BD player.

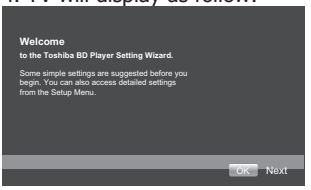
- **[Screen Saver]**
  Turn On or Off the screen saver mode. It helps to protect the TV screen.
  { **On** } – Set the screen saver active after approximately 10 minutes with no operation.
  - The BD player will switch to standby mode if there is no operation after the screen saver is engaged for approximately 10 minutes.
  { **Off** } – Turn off the screen saver mode .
- **[Disc Auto Playback]**
  Turn On or Off the disc automatic playback switching mode.
  {**On**} – The disc playback automatically after loading.
  {**Off**} – Turn off disc auto playback mode.
- **[CEC]**
  This player supports REGZA-LINK which uses the HDMI CEC (Consumer Electronics Control) protocol. You can use one single remote control to control all REGZA-LINK-compliant devices that are connected through HDMI connectors.
  {**On**} - Turns on REGZA-LINK features.
  -With CEC on, during TV standby with the BD player on, pressing SETUP, PLAY/PAUSE will power on the TV.
  {**Off**} - Disables REGZA-LINK features.
- **[Easy Setup]**
  Re-configure some settings. It is the same as "Load Default" of steps 4-8.
  Tip:
  For setting osd and TV resolution and TV aspect.
- **[Load Default]**
  Reset all settings of BD player to initial default state.
  - Follow the instruction on the TV screen to confirm the default setting operation.
  1. Select **Load Default**.
  2. A dialogue box pops up shown as below. Select OK .



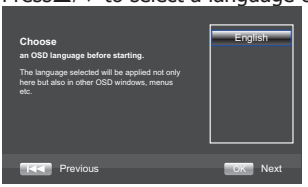
3.It may take awhile when loading default is in progress. Please wait...



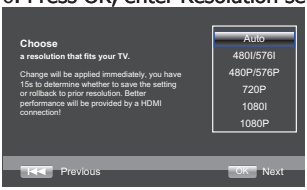
4. TV will display as follow:



5. Press OK, enter language setting.
Press▲/▼ to select a language option.



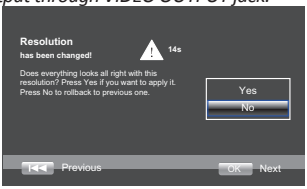
6. Press OK, enter Resolution setting.



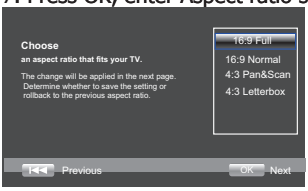
Press ▲/▼ to select an option. Press OK.
Select "Yes" or "No" using ▲/▼.

Note:

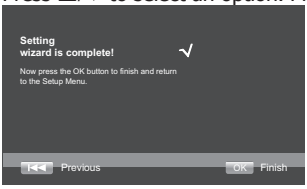
-When the player is connected to both VIDEO OUTPUT jack and HDMI OUTPUT jack, resolution is set to 720p/1080i/1080p, there will be no video output through VIDEO OUTPUT jack.



7. Press OK, enter Aspect ratio setting.



Press ▲/▼ to select an option. Press OK.



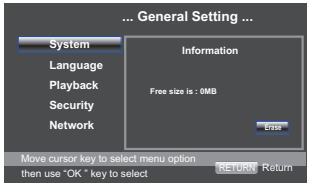
8. Press OK to return to [General Setting] Menu.

- **[Upgrade]**
  For software upgrades to enhance performance, you could select the following upgrade method and start to upgrade.
  { **Disc** }/{**SD CARD**}
  Upgrade the software from the disc or SD card.
  1. Insert the disc or connect the SD card which contains the upgrade file package.
  2. Follow the instruction on the TV screen to confirm upgrade operation.
  - The system will reboot after 5 seconds or OK key is pressed.

Notes:

- If set [Disc Auto Playback]to [Off], after you insert the disc that contains the upgraded information to upgrade system, you have to start upgrade from this option of SETUP Menu.
- If the upgrade file package did not pass the verification, error prompt is displayed , check the package again (such as the package is not complete)
- Make sure the firmware version is not an old version.
- When you upgrade the system using SD card, you should make a new folder named UPG_ALL, and copy the upgrade file into this folder.

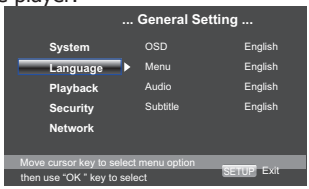
- **[Disc Auto Upgrade]**
  Turn On or Off the disc automatic upgrade switching mode.
  {**On**} - Start upgrading from the insert disc.
  {**Off**} - Disable disc auto upgrade mode.
- **[External Memory]**
  External Memory would be used in BD-Live function. When you plug in the SD card which has at least 1GB free space to play BD-Live function, the BD system would make a directory named BUDA automatically. Information will display the Free size.
  1. Press OK.
  2. Follow the instruction on the TV screen to select {Information}.



3.Press OK to select "Erase", the data in the BUDA folder will be cleared.

[Language]

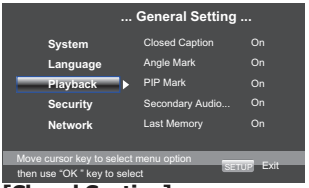
Select the OSD(On-Screen Display), set up Menu, Audio, Subtitle default language for the player.



- **[OSD]**
  Select the default on-screen display language.

- **[Menu]**
  Select the menu language.
- **[Audio]**
  Select the default audio language.
- **[Subtitle]**
  Select the default subtitle language.

[Playback]



- **[Closed Caption]**
  Allow people who are deaf or hearing impaired, to have access to television programming by displaying the audio portion of a televison programme as text on the screen.
  {**On**} – Display the Closed Caption .
  {**Off**} – Hide the Closed Caption.
- **[Angle Mark]**
  Some BDs/DVDs contain the scenes recorded with multiple angles, which allow you to enjoy the videos with your desired angles, therefore the angle mark is displayed only when the BD/DVD disc is supportable for multi-angle and Angle Mark is set to ON.
  {**On**} – Display the angle mark.
  {**Off**} – Hide the angle mark.
- **[PIP Mark]**
  The Picture -In- Picture (PIP) mode display two pictures on the TV screen at the same time, the full screen picture is called Main Window and the small inset window is called Sub Window. The PIP mark is displayed when in PIP mode and PIP Mark is set to ON.
  {**On**} – Display the PIP mark.
  {**Off**} – Hide the PIP mark.
  Note:

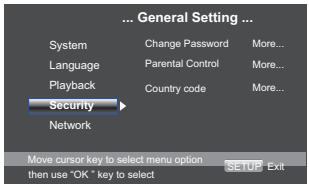
-High Definition PIP (Second Video) is not supported.

- **[Secondary Audio Mark]**
  {**On**} – Display Secondary Audio Mark.
  {**Off**} – Hide the Secondary Audio Mark.
- **[Last Memory]**
  If you open the disc tray or switch this BD player to standby state during normal playback, the BD Player can memorize the end playing point, the BD player will start playback from the memorized point next time.
  {**On**} – Active Last Memory feature.
  {**Off**} – Disable Last Memory feature.
  Note:

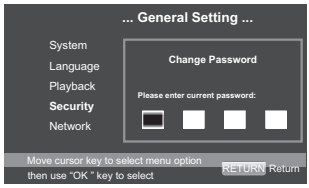
-Not all the BD discs can support this function.

- **[PBC]**
  VCD2.0 has PBC control (Playback Control) menu, which allow you to interact with the system via menu.
  {**On**} – Display playback control menu, use NUMBER keys to select desired option.
  {**Off**} – Hide playback control menu and start playback from track1 automatically.

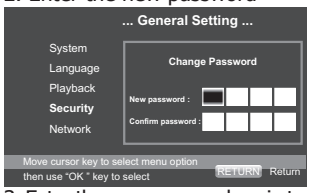
[Security]



- **[Change password]**
  Follow the instruction on the TV set or change the password for locked discs and play restricted BDs/DVDs.

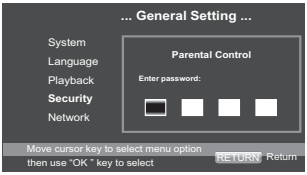


1. Use NUMBER keys to enter four digit old password. The default password is "0000".
2. Enter the new password

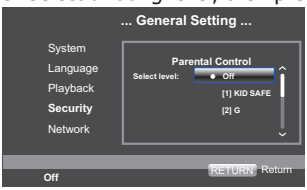


3. Enter the new password again to confirm.

- **[Parental Control]**
  Restricts access to discs that are unsuitable for children. These discs must be recorded with rating.
  1. Press OK.
  2. Use NUMBER keys to enter the password.



3. Select a rating level, then press OK.



Items	Description
KID SAFE	Safe for kids
G	All children and general guidance
PG	Parental guidance
PG-13	Parental guidance for children under 13
PGR	Parental guidance Recommended
R	Restricted viewing
NC-17	No one 17 and under allowed
ADULT	Adult only

Notes:

- Rated discs above the level you set in [Parental Control] require a password to be entered.

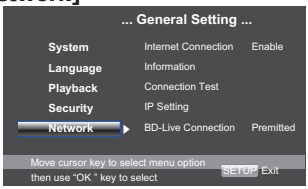
- The ratings are country-depended. To allow all discs to play, select 'Off'.

- **[Country Code]**

This ensures that you will be able to see the scenes intended for your current residential Country/Area.

Use NUMBER Keys to enter your password, then you can choose your Country/Area.

[Network]



To enjoy BD-Live bonus contents, set up the network connection.

Note:

- Ensure that the network cable is properly connected and the router is switched on.

1. Connect the BD player to the broadband modem or router.
2. In the Setup menu, select [Network], then press ▶.
3. Select [IP Setting] in the menu, then press OK to select [Auto]. An IP address is obtained automatically. If no IP address is obtained, select [Manual] to input IP Address, Subnet Mask, Default Gateway, DNS and press OK to re-connect again to the network. It will try to obtain the IP address again.
4. Press RETURN or press OK to exit.

Notes:

- A contract with the provider is needed to connect to the Internet.

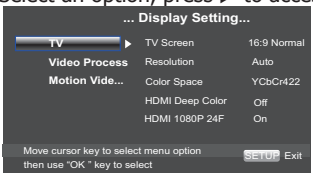
- This player does not support automatic detection of cross-cables. Use the straight (standard) LAN cable.

- Loading BD-Live content from the internet may take some time, depending on the file size and the speed of the internet connection.

- **[Internet Connection]**
  {**Enable**} – Enable connection to internet.
  {**Disable**} – Disable connection to internet.
- **[Information]**
  Display all Network Informaion.
- **[Connection Test]**
  Display Network connection status information.
- **[IP Setting]**
  {Auto} – Auto obtain network information.
  {Manual} – Manual setup network information.
- **[BD-Live Connection]**
  {Permitted} – During playback of BD-Live disc, the disc may automatically download all information from appointed network.
  {Partial Permitted} – During playback of BD-Live disc, the disc may automatically download partial of the information from appointed network.
  {Prohibited} – Disable downloading information from network.

Display Setting

1. Press SETUP
   [General Setting] menu is displayed.
2. Press ▶ to select **[Display Setting]**, then press ▼ .
3. Select an option, press ▶ to access.



4. Press ▲/▼ to select a setup option and press ▶
5. Select the setting you wish to change and press OK to confirm.
   - Press ◀ to return to the previous menu.
   - Press SETUP to exit the menu.

[TV]

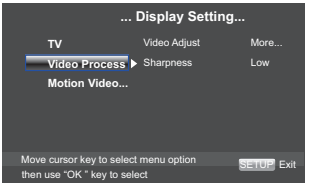
- **[TV Screen]**
  Select the screen format according to how you want the picture to appear on the TV.
  {**16:9 Full**} – for a disc with the aspect ratio of 4:3, the output video is stretched into 16:9 full screen.
  {**16:9 Normal**} – for a disc with the aspect ratio of 4:3, the output video is resized vertically to match what will be seen on the display.
  {**4:3 Pan&Scan**} – for standard TV, Display a wide picture on the entire screen and cuts off the redundant portions.
  {**4:3 Letterbox**} – for standard TV, Display a wide picture with two black borders on the top and bottom of 4:3 screen.
- **[Resolution]**
  Select a video output resolution that is compatible with your TV display capability.
  {**Auto**} – Select the most suitable resolution according to the TV .
  {**480I/576I**}, {**480P/576P**}, {**720P**}, {**1080I**}, {**1080P**}
  – Select a video resolution setting that is best supported by the TV. See TV manual for details.

Note:
-When resolution is set to 720p/1080i/1080p:
(1) If only CVBS connected, the resolution of CVBS video output will be set to 480i/576i automaticlly.
(2) If HDMI and CVBS are both connected, there will be no CVBS video output, instead, a message will be shown as follows:
Out Of Range:Check Display Resolution

- **[Color Space]**
  Select a predefined Color space of picture.
  {**RGB**} – select RGB Color space.
  {**YCbCr**} – select YCbCr Color space.
  {**YCbCr422**} – Select YCbCr422 Color space.
  {**Full RGB**} – select Full RGB Color space.
- **[HDMI Deep Color]**
  This feature is available only when the display device is connected by a HDMI cable, and when it supports deep Color feature.
  {**30 bits**} – Output 30 bits Color.
  {**36 bits**} – Output 36 bits Color.
  {**Off**} – Output standard 24 bit Color.
  Note:
  -When the color space is "YCbCr422", even if HDMI Deep Color is set to 30bits/36bits, it is not output with Deep Color.
- **[HDMI 1080p 24F]**
  {**On**} – Enable 1080p 24F video resolution setting.
  {**Off**} – Disable 1080p 24F video resolution setting.
  About HDMI 1080p 24F Notes:
  If you want the 24Hz output, it should fulfill below 3 conditions:
  1.TV supports the 24Hz display:
  2.Player choose the 24Hz option in the setup menu;
  3.Media must be the 24Hz video.
  Notes:

-This resolution becomes effective only when the playing BD-Disc contents are Film source.
-During HDMI 1080p 24F playback, there will be no composite output.

[Video Process]

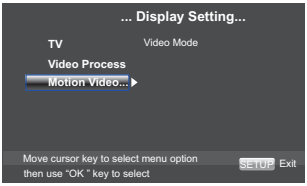


- **[Video Adjust]**
  Select a predefined setting of the video.
  1. Press OK .
  2. Press◀/▶ to adjust the video Brightness, Contrast, Hue and Saturation.

     {**Brightness**} - press ◀/▶ to adjust the brightness of display, goes left means dark and right means bright.
     {**Contrast**} - press ◀/▶ to adjust the contrast of display, goes left means low contrast and right means high contrast.
     {**Hue**} - press ◀/▶ to adjust the Hue of display, goes left means low hue and right means high hue.
     {**Saturation**} - press ◀/▶ to adjust the saturation of display, goes left means low Saturation and right means high saturation.
  3. Press RETURN to exit.

- **[Sharpness]**
  Select the level of sharpness: High, Medium, Low
  {**High**} - Select High sharpness level
  {**Medium**} - Select Medium sharpness level
  {**Low**} - Select Low sharpness level

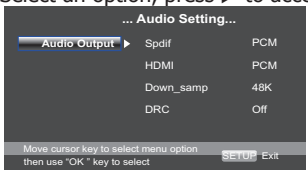
[Motion Video Process]



- **[Video Mode]**
  Select the output mode of video,options include: Standard, Vivid, Smooth, these can change the output display.
  {**Standard**} output video signal without any processing and in standard mode.
  {**Vivid**} output video signal in vibrant color mode.
  {**Smooth**} output video signal in smooth mode.

Audio Setting

1. Press SETUP
   [General Setting] menu is displayed.
2. Press ▶ to select **[Audio Setting]**, then press ▼ .
3. Select an option, press ▶ to access.



4. Press ▲/▼ to select a setup option and press ▶
5. Select the setting you wish to change and press OK to confirm.
   - Press ◀ to return to the previous menu.
   - Press SETUP to exit the menu.

[Audio Output]

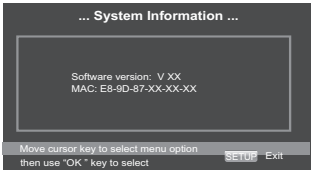
- **[Spdif]**
  Select the output mode of COAXIAL jack, options include Bitstream, PCM, Re-encode and Off.
  {**Bitstream**} – Output digital signal without any processing.
  {**PCM**} – Output digital signal with processing, only two channels export.
  {**Re-encode**} – Auto select signal type from COAXIAL jack according to the Audio stream on disc.
  {**Off**} – No output for S/PDIF.
- **[HDMI]**
  Select the output mode of HDMI Out jack, options include Bitstream, PCM, Re-encode and Off.
  {**Bitstream**} – Output HDMI digital signal without any processing.
  {**PCM**} – Output HDMI digital signal with processing, only two channels export.
  {**Re-encode**} – Auto select signal type from HDMI Out jack according to the Audio stream on disc.
  {**Off**} – No output for HDMI.
- **[Down_samp]**
  Select the digital audio signal sampling frequency.
  {**48K**} – For discs recorded at sampling rate of 48 kHz.
  {**96K**} – For discs recorded at sampling rate of 96 kHz.

{**192K**} – For discs recorded at sampling rate of 192 kHz.

- **[DRC]**
  Select the Dynamic Range Control mode which makes it available to listen to a movie at a low volume without losing sound clarity.
  {**Off**} – Non-dynamic range compress.
  {**On**} – Dynamic range compress.
  {**Auto**} – Adjust the DRC according to input audio.
  The setting of Auto is effective for Dolby TrueHD.

System Information

1. Press SETUP
   [**General Setting**] menu is displayed.
2. Press ▶ to select **[System Information]**,
   - The current software version and MAC address display
   - Press ◀ to return to the previous menu.
   - Press SETUP to exit the menu.



7 Specification

Playable media

This product can play:
- BD-Video, BD-R/RE2.0
- DVD, DVD-Video, DVD+R/+RW, DVD-R/-RW, DVD+R/-R DL (Dual Layer)
- Video CD/SVCD
- Audio CD, CD-R/CD-RW
- AVCHD, AVCREC
- SD card

Video

Signal system: PAL/NTSC
Composite video output: 1Vp-p (75 ohm).
HDMI Output: 480i/576i,480p/576p,720p,1080i,1080p,1080P/24F.

Audio
- 2 Channel analogue output
  - Audio L&R : 2 Vrms (> 1 kohm)
  Signal-to-noise Ratio ≥ 95 dB
  THD+N 1kHz ≤ -85 dB
  Dynamic Range 1kHz ≥85 dB
  Crosstalk 1kHz ≤ -95dB
- Digital output (Coaxial): 0.5 Vp-p (75 ohm)
- HDMI output

LAN
- LAN terminal 10BASE-T/100BASE-TX

SD
- SD, SDHC
- mini-SD, mini-SDHC, micro-SD, micro-SDHC (adapter is necessary)
- Maximum size: 32GB
- Supported file systems: FAT16/32
- Type of files supported: MP3/JPEG/MPEG4
- Maximum No. of folders supported: 1000

MP3 tracks
- Supported file extension: '.mp3'
- Supported audio codec : MP3
- ISO format
- Supported corresponding bitrate: 8kbps-320 kbps
- Supported sampling frequencies : 32kHz,44.1kHz, 48kHz

JPEG
- Supported file extension: '.jpg' or `. jpeg'
- JPEG/ISO format
- Does not support Picture CD

Main Unit
- Power supply rating: 110V-240V 50/60Hz
- Power consumption: 20W
- Power consumption in standby mode: <1W
- Dimensions (w x h x d): 360 x 54 x 232 (mm)
- Net Weight: 1.73 kg
- Operating temperature: 5°C to 35°C
- Operating humidity: Less than 80 % (no condensation)

Accessories supplied
- Remote control and Size 'R03' carbon zinc batteries (Two)
- Simple IB

8 Troubleshooting

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

	Problem	Tip
	No reaction to the remote control.	Connect the product to the power outlet.
		Point the remote control at the product.
		Insert the batteries correctly.
		Insert new batteries in the remote control.
	No video output through VIDEO OUT jack.	Set Resolution of HDMI to 480i/576i or 480p/576p.
	No video signal on the display device.	Turn on the TV.
		Set the TV to the correct external input.
		Select the correct video resolution.
		Set TV System of TV correctly.
	No audio / video signal on the display device via HDMI cable.	If the unit is connected to the unauthorized display device with an HDMI cable, the audio/video signal may not be output.
	No high-definition video signal on the TV.	Does the disc contain high-definition video? High-definition video is not available when the disc does not contain it.
		Does the TV support high-definition video? High-definition video is not available when the TV does not support it.
	No audio signal from the loudspeakers of the TV.	Assign the audio input of the TV to the corresponding video input.
	No audio signal from the loudspeakers of the audio system.	Turn on the audio system.
		Set the audio system to the correct external input.
		Increase the volume level of the audio system.

	Cannot play back a disc.	Make sure that the BD Player supports the disc.
		Make sure that the Blu-ray Disc player supports the region code of the DVD or BD.
		For DVD+RW/+R or DVD-RW/-R, make sure that the disc is finalized.
		Clean the disc.
	Cannot play back JPEG files from a disc.	Make sure that the disc was recorded in the UDF, ISO9660 or JOLIET format.
	Cannot play MP3 files from a disc.	Make sure that the disc was recorded in the UDF, ISO9660 or JOLIET format.
		Make sure that the bit rate of the MP3 files is between 8 and 320 kbps.
		Make sure that the sample rate of the MP3 files is 32kHz, 44.1kHz or 48kHz.
	Cannot find a JPEG file.	Make sure that the selected group (folder) does not contain more than 9,999 files for DVD, and 999 files for CD.
		Make sure that the file extension is .jpg, .JPG, .jpeg or .JPEG.
	Cannot find a MP3 file.	Make sure that the selected folder does not contain more than 9,999 files for DVD, and 999 files for CD.
		Make sure that the file extension is .mp3 or .MP3.
	Cannot upgrade SW	When you upgrade the system with SD card, you should make a new folder named UPG_ALL, and copy the upgrade file into this folder.
	Sometimes the options of setup menu cannot be selected.	When playing a DVD disc or BD disc, press STOP button once, the player will go into stop resume mode, meanwhile you cannot change some settings in setup menu such as language subitem menu, audio, subtitle etc. If you want to change that, press STOP button twice, the player will go into full stop mode, then you can do it.

9 Glossary

Aspect ratio
Aspect ratio refers to the length to height ratio of TV screens. The ratio of a standard TV is 4:3, while the ratio of a high-definition or wide TV is 16:9. The letter box allows you to enjoy a picture with a wider perspective on a standard 4:3 screen.

Blu-ray Disc (BD)
Blu-ray Disc is a next generation optical video disc capable of storing five times more data than a conventional DVD. The large capacity makes it possible to benefit from the features such as high-definition videos, multichannel surround sound, interactive menus and so on.

BONUSVIEW™
This is a BD-Video (Final Standard Profile or Profile 1.1) that supports interactive content encoded on the disc, such as picture-in-picture. This means you can play the primary video and secondary video simultaneously.

Digital Audio
Digital Audio is a sound signal that has been converted into numerical values. Digital sound can be transmitted through multiple channels. Analogue sound can only be transmitted through two channels.

Dolby® Digital
The system to compress digital sound developed by Dolby Laboratories. It offers you sound of stereo (2ch) or multichannel audio.

Dolby® Digital Plus
Dolby Digital Plus is the next generation digital audio compression technology developed as an extension to Dolby Digital. Blu-ray Disc supports 7.1 multi-channel surround sound output.

Dolby® TrueHD
Dolby TrueHD is a lossless coding technology developed for next generation optical discs. Blu-ray Disc supports 7.1 multi-channel surround sound output.

DTS®
DTS is a multi-channel surround sound system. By connecting to DTS decoder, you can enjoy movie dynamic and realistic sound like movie theater. DTS surround sound technologies were developed by DTS, Inc.

DTS-HD®
DTS-HD is a lossless coding technology developed as an extension of the original DTS Coherent Acoustics format.
Blu-ray Disc supports 7.1 multi-channel surround sound output.

DTS-HD Master Audio™
A disc encoded with DTS-HD Master Audio delivers ALL of the information from the original master recording — bit-for-bit, it's identical to what the sound engineers laid down. Audio doesn't get any better than this.

HDCP
High-bandwidth Digital Content Protection. This is a specification that provides a secure transmission of digital contents between different devices (to prevent unauthorized copyright.)

HDMI®
High-Definition Multimedia Interface (HDMI) is a high-speed digital interface that can transmit uncompressed high definition video and digital multichannel audio. It delivers high quality picture and sound quality. HDMI is fully backward-compatible with DVI. As required by the HDMI standard, connecting to HDMI or DVI products without HDCP (High-bandwidth Digital Content Protection) will result in no Video or Audio output.

JPEG
A very common digital still picture format. A still-picture data compression system proposed by the Joint Photographic Expert Group, which features small decrease in image quality in spite of its high

compression ratio. Files are recognized by their file extension '.jpg' or '.jpeg.'

LAN (Local Area Network)
A group of linked devices in a company, school or home. Indicates the boundaries of a particular network.

Local storage
This storage area is used as destination for storing additional contents from BD-Live enabled BD-Video.

MP3
A file format with a sound data compression system. MP3 is the abbreviation of Motion Picture Experts Group 1 (or MPEG-1) Audio Layer 3. With the MP3 format, one CD-R or CD-RW can contain about 10 times more data than a regular CD.

PBC
Playback Control. A system where you navigate through a Video CD/Super VCD with on-screen menus that are recorded onto the disc. You can enjoy interactive playback and search.

PCM
Pulse Code Modulation. A digital audio encoding system.

Region code
A system that allows discs to be played only in the region designated. This unit only plays discs that have compatible region codes. You can find the region code of your unit on the product label. Some discs are compatible with more than one region (or ALL regions.)

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