

APPENDIX H
: USER'S MANUAL

OWNER'S MANUAL

TV/DVD Combination



23HLV85

Owner's Record

The model number and serial number are on the back of your TV/DVD. Record these numbers in the spaces below. Refer to these numbers whenever you communicate with your Toshiba dealer about this TV/DVD.

Model number:

Serial number:

Dear Customer,

Thank you for purchasing this Toshiba LCD TV/DVD Combination. This manual will help you use the many exciting features of your new LCD TV/DVD Combination. **Before operating the TV/DVD Combination, please read this manual completely**, and keep it nearby for future reference.

Safety Precautions

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

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



The lightning symbol in the triangle tells you that the voltage inside this product may be strong enough to cause an electric shock. **DO NOT TRY TO SERVICE THIS PRODUCT YOURSELF.**



The exclamation mark in the triangle tells you that important operating and maintenance instructions follow this symbol.

WARNING

To prevent injury, this apparatus must be securely attached to the floor/wall in accordance with the installation instructions. (See item 20 on page 4.)

NOTE TO CATV INSTALLERS

This is a reminder to call the CATV system installer's attention to Article 820-40 of the NEC, which provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical. For additional antenna grounding information, see items 25 and 26 on page 4.

FCC Declaration of Conformity Compliance Statement (Part 15):

The **Toshiba 23HLV85 LCD Color Televisions** comply with Part 15 of the FCC rules.

Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference that may cause undesired operation.

The party responsible for compliance to these rules is: Toshiba America Consumer Products, L.L.C.
82 Totowa Rd. Wayne, NJ 07470.
Ph: (973) 628-8000

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by removing and applying power to the equipment, the user is encouraged to try to correct the interference by one or more of the following measures:

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

CAUTION: Changes or modifications to this equipment not expressly approved by Toshiba could void the user's authority to operate this equipment.

Introduction

Welcome to Toshiba

Thank you for purchasing this Toshiba LCD TV/DVD combination. The goal of this manual is to guide you through setting up and operating your Toshiba TV as quickly as possible.

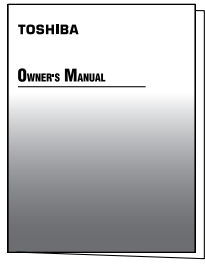
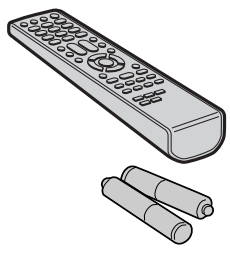
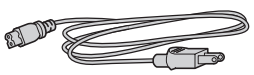

The model and serial numbers are on the back of your TV. Write these numbers in the space provided on the front cover of this manual for your records.

Instructions in this manual are based on using the remote control. You also can use the controls on the TV if they have the same name as those referred to on the remote control.

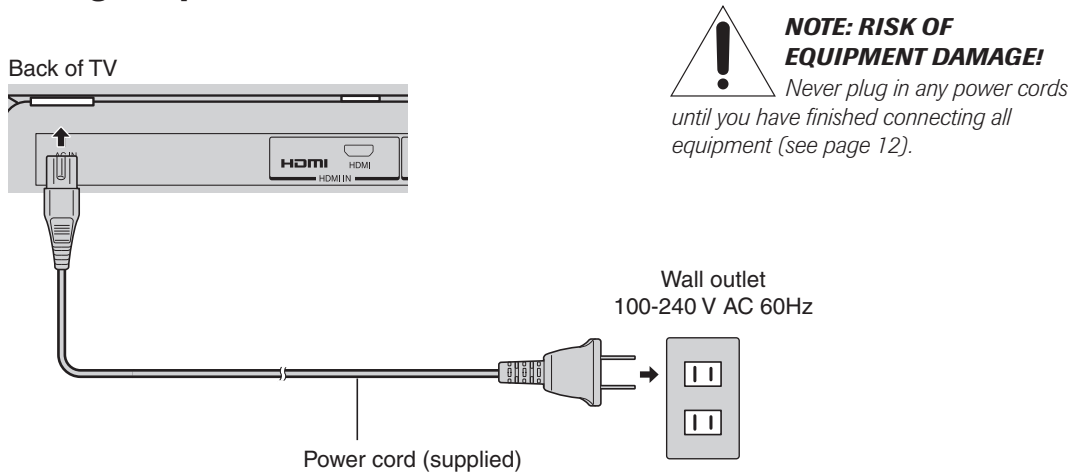
Please read all the safety and operating instructions carefully, and keep this manual for future reference.

Supplied accessories

Check that you have the accessories and items shown.

<p>Owner's Manual (This book)</p> 	<p>Remote control Batteries R6 (AA) × 2</p> 	<p>Power cord</p> 	<p>Clip</p>  <p>Use this clip to attach the TV to a wall, pillar, or other immovable structure. See item 20 on page 4.</p>
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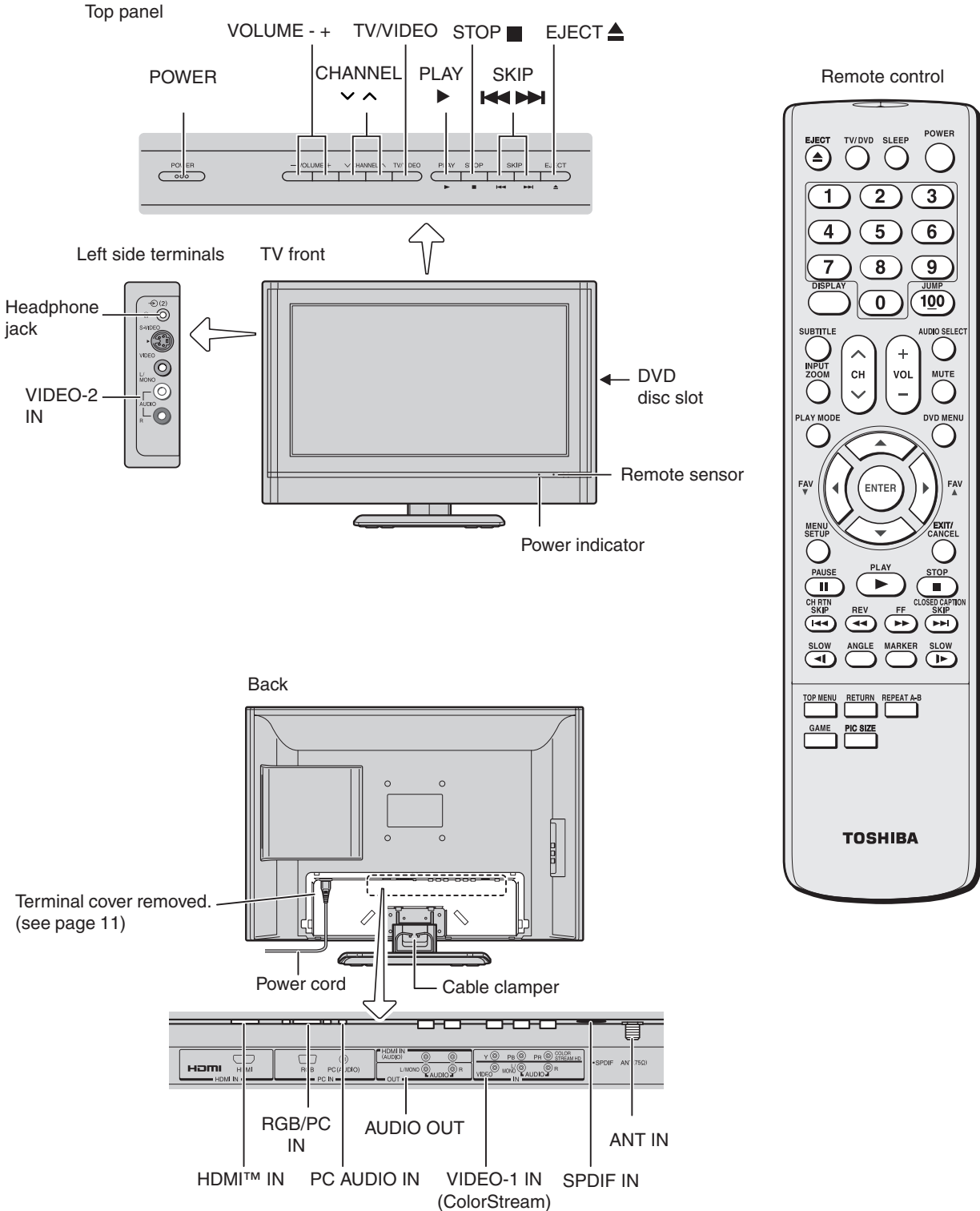
Connecting the power cord



* The power cord supplied with this product is to be used in the United States and Canada only.

Exploring your new TV

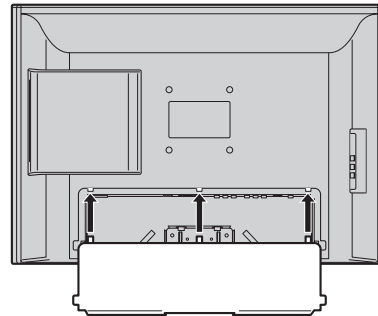
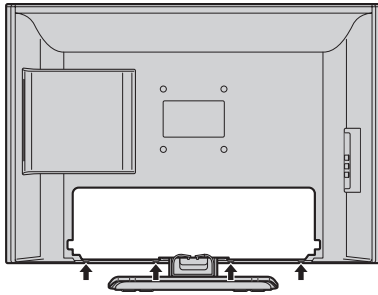
You can operate your TV by using the buttons on the top panel or the remote control. The A/V terminals for connecting other equipment to your TV are on the back panel and side panel (see illustrations below). Also see "Connecting your TV" on pages 12-18.



Rear terminal cover

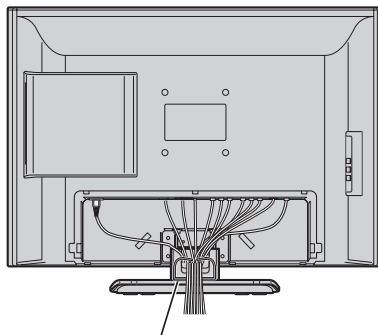
The connection panel is hidden behind the terminal cover.

1. Remove the cover. Release the two hooks on the bottom of the cover.
2. Install cables as necessary.
3. Reinstall the cover. Align the holes on the TV back with the three tabs on the rear terminal cover as shown.
4. Close the cover.



Cable clammer

The cable clammer can be used to bundle the connection cables (see page 10).



Cable clammer

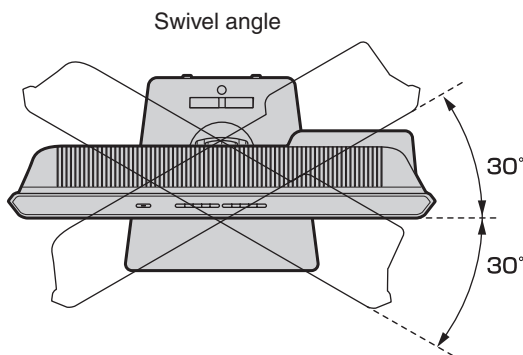


WARNING: RISK OF SERIOUS PERSONAL INJURY OR EQUIPMENT DAMAGE!

Never grasp the cable clammer when moving or lifting the TV. The cable clammer could break, causing the TV to fall.

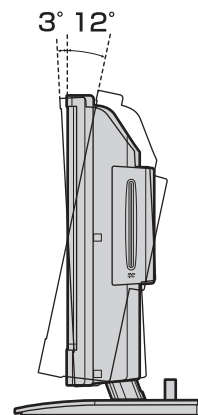
Adjusting the TV viewing angle

You can adjust the angle of the TV screen.



Swivel angle

Tilt angle



Connecting your TV

Note: All required cables, if not provided with your other devices, can be purchased at many electronics accessory suppliers.

- **Coaxial (F-type) cable** is used for connecting your antenna, cable TV service, and/or cable converter box to the ANTI 75 Ω RF input on your TV.
- **Standard A/V cables (composite video)** usually come in sets of three, and are for use with video devices with standard audio and standard (composite) video output. These cables (and the related inputs on your TV) are typically color-coded according to use: yellow for video, red for stereo right audio, and white for stereo left (or mono) audio.
- **S-video cable** is for use with video devices with S-video output. Separate audio cables are required for a complete connection.

Note: An S-video cable provides better picture performance than a standard (composite) video cable.

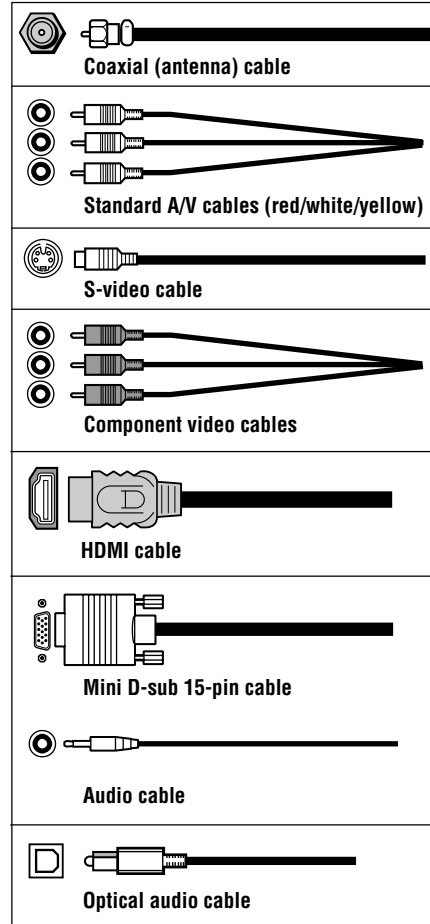
- **Component video cables** come in sets of three and are for use with video devices with component video output. These cables are typically color-coded red, green, and blue. (ColorStream® is Toshiba's brand of component video.) Separate audio cables are required for a complete connection.

Note: Component video cables provide better picture performance than a standard (composite) video or S-video cable.

- **HDMI cable** is for use with devices with uncompressed HDMI (high-definition multimedia interface) video and compressed audio output. HDMI cable delivers digital audio and video in its native format (see page 16). This cable carries both video and audio information; therefore, separate audio cables are not required for a complete connection.

Note: HDMI cable provides better picture performance than a standard (composite) video or S-video cable.

- **Mini D-sub 15-pin cable** is for use with a personal computer with an analog RGB (15-pin) output. A separate audio cable is required for a complete connection.
- **Optical audio cable** is for connecting receivers with Dolby Digital or PCM (pulse-code modulation) optical audio input to the TV's SPDIF (digital audio out) terminal. See page 17.

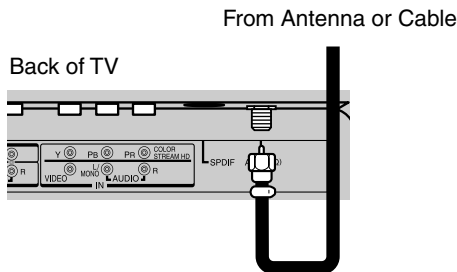


NOTE: RISK OF EQUIPMENT DAMAGE!

Never plug in any power cords until you have finished connecting all equipment.

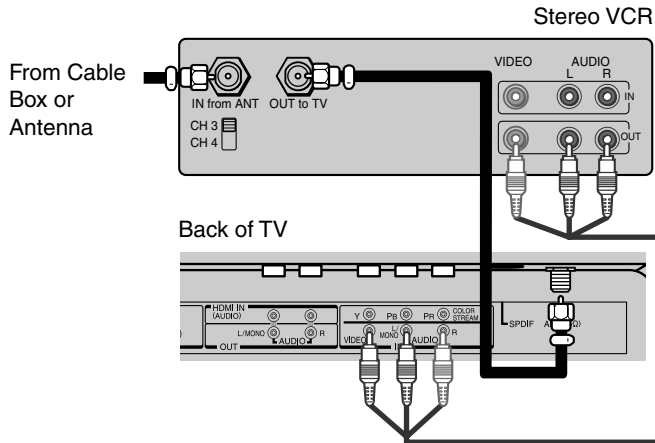
Connecting an antenna or cable TV

This connection allows you to watch TV programs or basic cable channels.



Connecting a VCR

This connection allows you to watch local channels and video programs, play or record on the VCR while watching TV, and record from one channel while watching another channel.



Note:

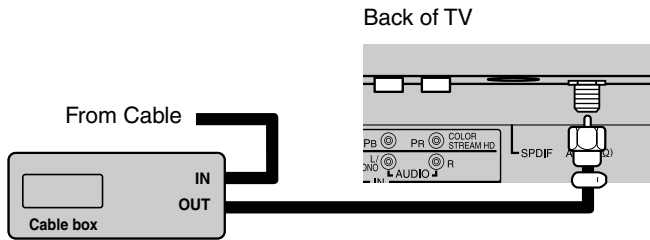
If you have a mono VCR, connect L/Mono to VCR Audio OUT using only one audio cable.

If you have a VCR with S-video, use an S-video cable (in the S-video jacks) instead of a standard video cable.

The TV side panel can be used to connect a VCR with S-video.

Connecting a cable converter box

This connection allows you to watch basic and premium cable channels. Tune the TV to channel 3 or 4 (whichever channel is vacant in your area), and use the converter box to change channels.

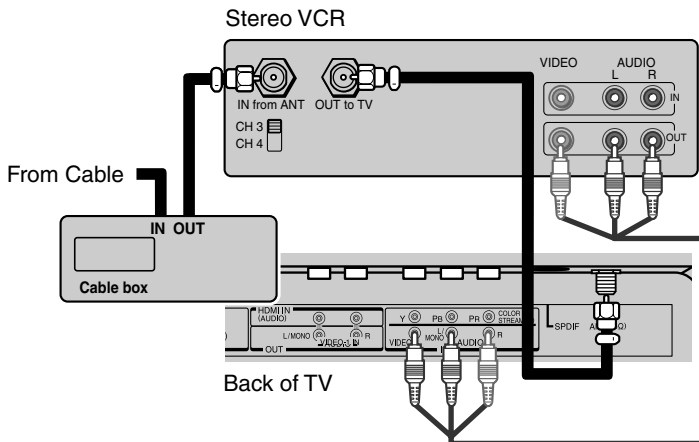


Note:

When you use a converter box with your TV, the remote control will not operate some features, such as favorite channel programming or channel return.

Connecting a cable converter box and a VCR

This connection allows you to watch and record basic and premium cable channels, as well as watch videotapes. Set the TV signal source to Video1 (page 20). Tune the VCR to channel 3 or 4 (the same channel as the converter box output switch), and use the cable converter box to change channels.



Note:

When you use a converter box with your TV, the remote control will not operate some features, such as favorite channel programming or channel return.

If you have a mono VCR, connect L/Mono to VCR Audio OUT using only one audio cable.

If you have a VCR with S-video, use an S-video cable (in the S-video jacks) instead of a standard video cable.

The TV side panel can be used to connect a VCR with S-video.

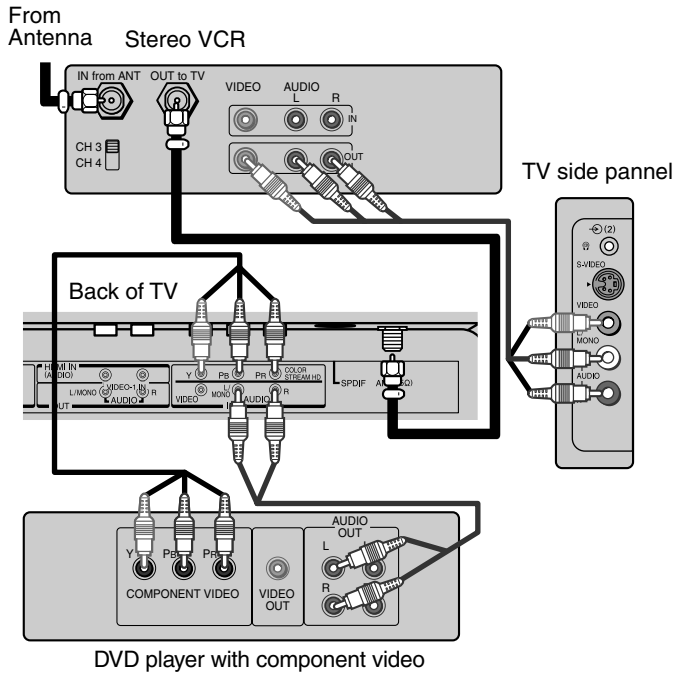
The unauthorized recording, use, distribution, or revision of television programs, videotapes, DVDs, and other materials is prohibited under the Copyright Laws of the United States and other countries, and may subject you to civil and criminal liability.

Connecting a DVD player with ColorStream® (component video) and a VCR

This connection allows you to watch DVD, VCR, and TV programs, and record TV programs.

Your TV has ColorStream® (component video) inputs. Connecting your TV to a DVD player with component video can greatly enhance picture quality and realism.

- To record one TV program while watching another TV program, tune the VCR to the channel to record, and tune the TV to the channel to watch.
- To record a TV program while watching a DVD, tune the VCR to the channel to record, and select Video1 on the TV (see “Selecting the video input source” on page 24).



Note:

For the highest possible picture quality, use component video cables between the TV and DVD player.

The ColorStream jacks can be used with 480i and 480p scan system.

The TV side panel can be used to connect a VCR with S-video.

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Connecting a DTV receiver/set-top box with ColorStream® (component video) and a VCR

This connection allows you to watch DTV (digital TV), VCR, and TV programs, and record DTV (composite video only) and TV programs.

Your TV has ColorStream® (component video) inputs. Connecting your TV to a DTV receiver with component video can greatly enhance picture quality and realism.

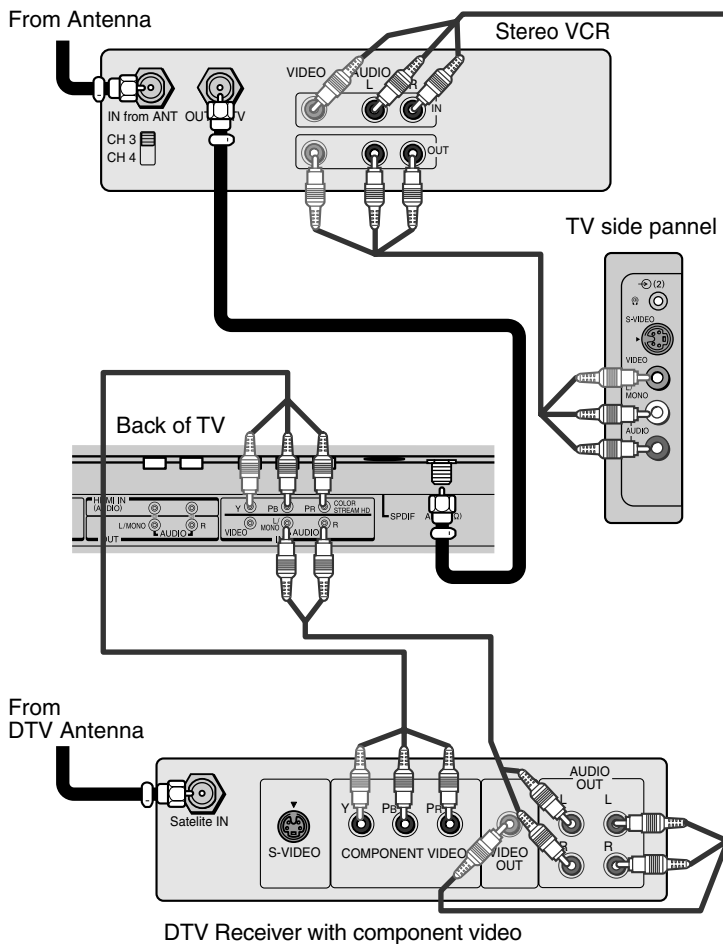
- To record and watch a DTV program, select LINE IN on the VCR, and select Video1 on the TV (see “Selecting the video input source” on page 24).
- To record a TV program while watching a DTV program, tune the VCR to the channel to record, and select Video1 on the TV.
- To record and watch the same TV program, tune the VCR to the channel to record, and select Video2 on the TV.
- To record one TV program while watching another TV program, tune the VCR to the channel to record, and tune the TV to the channel to watch.

Note:

For the highest possible picture quality, use component video cables between the TV and DTV receiver/set-top box.

The TV side panel can be used to connect a VCR with S-video.

The unauthorized recording, use, distribution, or revision of television programs, videotapes, DVDs, and other materials is prohibited under the Copyright Laws of the United States and other countries, and may subject you to civil and criminal liability.



Connecting an HDMI™ or a DVI device to the HDMI input

The HDMI^[1] input on your TV receives digital audio and uncompressed digital video from an HDMI device or uncompressed digital video from a DVI^[2] device.

This input is designed to accept HDCP^[3] program material in digital form from EIA/CEA-861/861B-compliant^[4] consumer electronic devices (such as a set-top box or DVD player with HDMI or DVI output).

The HDMI input is designed for best performance with 1080i high-definition video signals, but will also accept and display 480i, 480p, and 720p signals.

[1] HDMI = High-Definition Multimedia Interface.

[2] DVI = Digital Video Interface.

[3] HDCP = High-bandwidth Digital Content Protection.

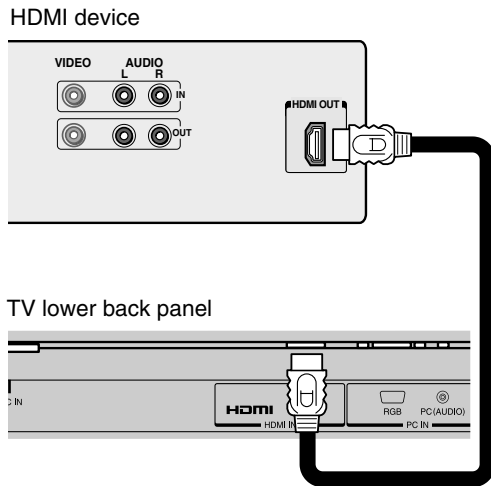
[4] EIA/CEA-861/861B compliance covers the transmission of uncompressed digital video with high-bandwidth digital content protection, the technology of which is being standardized for reception of high-definition video signals. Because this is an evolving technology, it is possible that some devices may not operate properly with the TV.

To connect an HDMI device, you will need:

- one HDMI cable (type A connector)

For proper operation, it is recommended that you use a short HDMI cable.

HDMI cable transfers both video and audio. Separate analog audio cables are not required (see illustration below). Some CDVs (Video CDs) may not output digital audio signals, in which case you may be able to hear sound by connecting analog audio cables. However, if you connect analog audio cables with this connection, the HDMI terminal on the TV will not receive the HDMI digital audio signal and you will hear analog audio only.



To ensure that the HDMI or DVI device is reset properly, it is recommended that you follow these procedures:

- *When turning on your electronic components, **turn on the TV first**, and then the HDMI or DVI device.*
- *When turning off your electronic components, **turn off the HDMI or DVI device first**, and then the TV.*

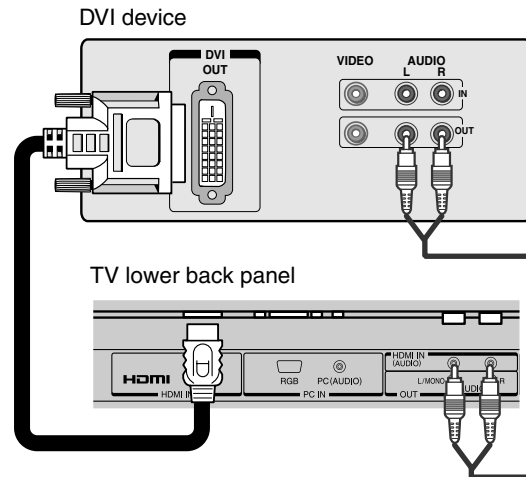
To connect a DVI device, you will need:

- one HDMI-to-DVI adapter cable (HDMI type A connector)

For proper operation, the length of an HDMI-to-DVI adapter cable should not exceed 9.8 ft (3m). The recommended length is 6.6 ft (2m).

- one pair of standard analog audio cables

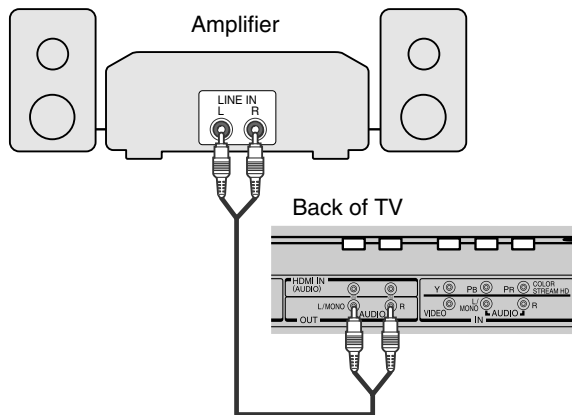
An HDMI-to-DVI adapter cable transfers only video. Separate analog audio cables are required (see illustration below).



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

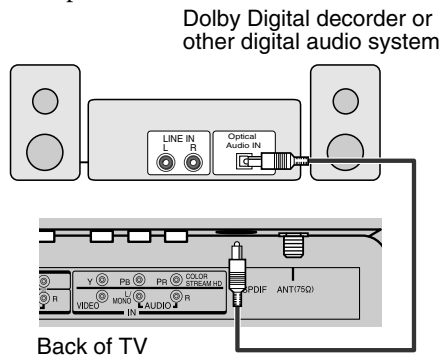
Connecting an audio system

This connection allows you to hear the TV sound through external speakers connected to an audio amplifier. The audio signal level (fixed) is not affected by pressing the volume buttons on the TV or the TV's remote control. To control the audio through the amplifier, use the audio system's remote control.



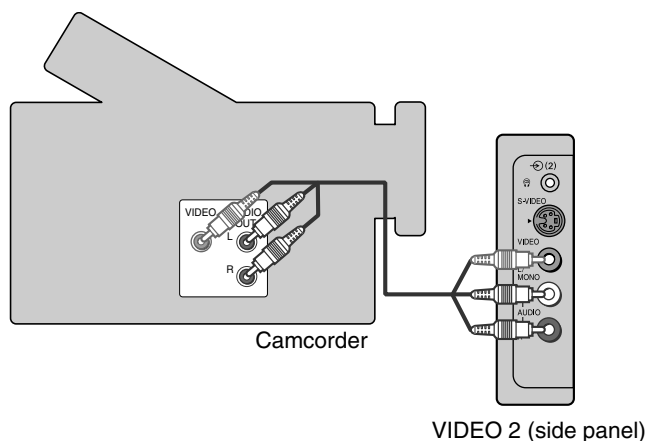
Connecting a digital audio system

During playback the DVD, the TV's SPDIF (digital audio out) terminal outputs a 2-channel down-mixed PCM (pulse-code modulation) signal for use with other external audio system with optical audio input.



Connecting a camcorder

This connection allows you to watch video materials recorded on a camcorder.



Note:

Set the TV's volume to the minimum level if necessary.

Note:

- Remove a cap from the SPDIF terminal before connecting an optical audio cable. Unless connecting an optical audio cable, be sure to attach a cap to prevent from such as dust.
- The SPDIF terminal may not output some digital audio sources because of copy restrictions.

Note:

If you have a camcorder with S-video, use an S-video cable instead of a standard video cable for better picture performance.

Connecting a personal computer (PC)

This connection allows you to view the image of a personal computer (PC) on the TV screen. When connecting a PC to the TV, use an analog RGB (15-pin) computer cable and a PC audio cable.

– To use a PC, set the monitor output resolution on the PC before connecting it to the TV. The following signals can be displayed.

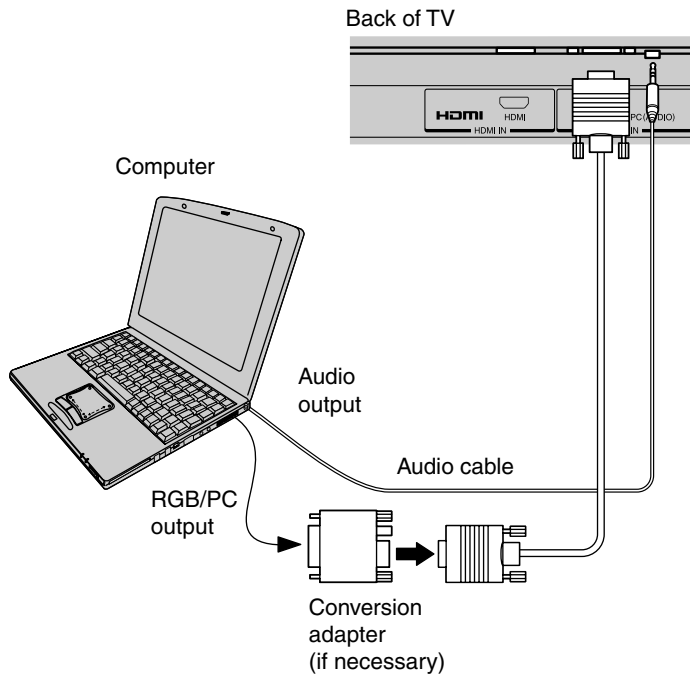
- XGA: 1360 × 768 @ 60Hz

Other formats or non-standard signals may not be displayed correctly.

– To display the optimum picture, use the PC setting feature. (see “Using the PC setting feature” on page 35).

Note:

- Some PC models cannot be connected to this TV.
- An adapter is not needed for computers with a DOS/V compatible mini D-sub 15-pin terminal.
- Depending on the DVD's title and the specifications of the PC on which you are playing the DVD-Video, some scenes may be skipped or you may not be able to pause during multi-angle scenes.



Adjusting the picture

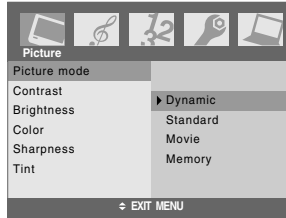
Selecting the picture mode

You can select your desired picture type from four picture modes: Dynamic, Standard, Movie, or Memory.

Mode	Picture Quality
Dynamic	Bright and dynamic picture (factory setting)
Standard	Standard picture setting (factory setting)
Movie	Movie-like picture setting (factory setting)
Memory	Your personal preference

To select the picture mode:

1. Press MENU, and then press ◀ or ▶ until the Picture menu appears.
2. Press ENTER, and then press ▼ or ▲ to highlight Picture mode.
3. Press ENTER, and then press ▼ or ▲ to select the mode you prefer.



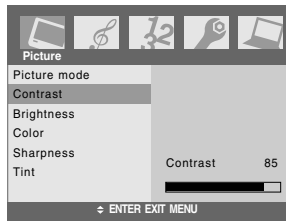
Adjusting the picture quality

You can adjust the picture quality to your personal preferences, including the contrast, brightness, color, sharpness, and tint.

Selection	◀ Pressing	▶
Contrast	lower	higher
Brightness	darker	lighter
Color	paler	deeper
Sharpness	softer	sharper
Tint	reddish	greenish

To adjust the picture quality:

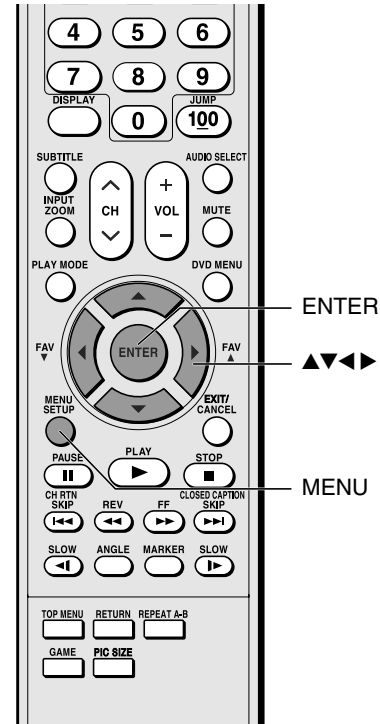
1. Press MENU, and then press ◀ or ▶ until the Picture menu appears.
2. Press ENTER, and then press ▲ or ▼ until the item you want to adjust is highlighted.
3. Press ENTER.
4. Press ◀ or ▶ to adjust the level.



The Picture qualities you adjusted can be saved in the TV's Memory.

Note:

If you select one of the factory-set picture modes (Dynamic, Standard, or Movie) and then adjust a picture quality setting (for example, increase the contrast), the picture mode automatically changes to Memory in the Picture menu.



Note:

To continue adjusting the other items, press ▲ or ▼ in step 4.

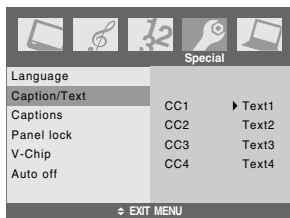
Using the closed caption feature

The closed caption feature has two options:

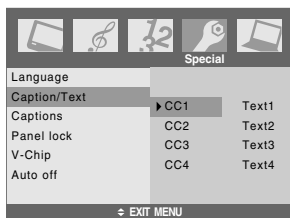
- Captions—An on-screen display of the dialogue, narration, and sound effects of TV programs and videos that are closed captioned (usually marked as “CC” in TV listings).
- Text—An on-screen display of information not related to the current program, such as weather or stock data (when provided by individual stations).

To select captions or text:

1. Tune the TV to the desired program.
2. Press MENU, and then press ◀ or ▶ to display the Special menu.
3. Press ENTER, and then press ▲ or ▼ to highlight Caption/Text.



4. Press ENTER, and then press ▲ or ▼ to select the Caption or Text mode you prefer.



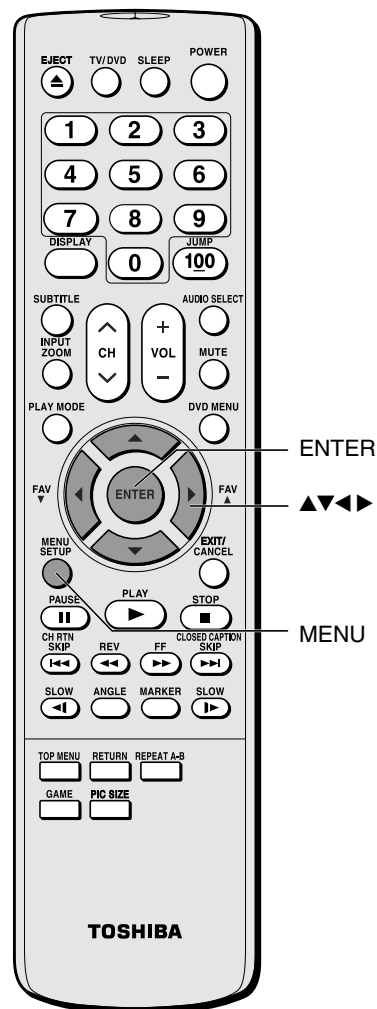
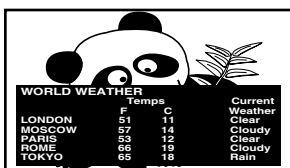
- To view captions, select CC1, CC2, CC3, or CC4 (CC1 displays captions in the primary language in your area).

Note: If the program or video you selected is not closed captioned, the captions will not display on the screen.



- To view text, select Text1, Text2, Text3, or Text4.

Note: If text is not available in your area, a black rectangle may appear on your screen. If this happens, turn the Closed Caption feature Off.



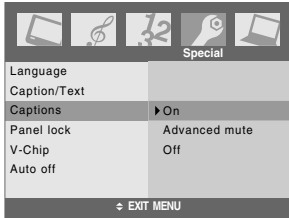
Note:

A closed caption signal may not display in the following situations:

- When a videotape has been dubbed
- When the signal reception is weak
- When the signal reception is nonstandard

To turn on or off the Closed Caption feature

1. Press MENU, and then press ◀ or ▶ to display the Special menu.
2. Press ENTER, and then press ▲ or ▼ to highlight Captions.
3. Press ENTER, and then press ▲ or ▼ to select On, Advanced mute or Off.
 - Advanced mute activates the selected Caption or Text mode when the TV sound is muted.



The CLOSED CAPTION button on the remote control can also be used to select On, Advanced mute (see page 36), or Off.

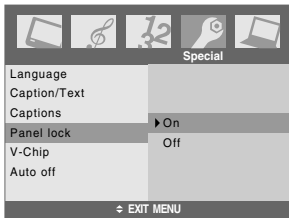
Using the Panel lock feature

You can lock the control buttons on the TV to prevent your settings from being changed accidentally (by children, for example).

When the Panel lock is On, no control buttons on the TV top panel will operate except POWER.

To lock the top panel:

1. Press MENU, and then press ◀ or ▶ to display the Special menu.
2. Press ENTER, and then press ▲ or ▼ to highlight Panel lock.
3. Press ENTER, and then press ▲ or ▼ to select On.

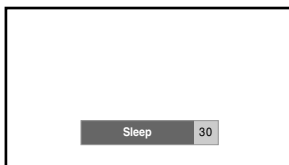


To unlock the top panel:
Select Off in step 3 above.

Setting the sleep timer

To set the sleep timer to turn off the TV automatically:

Repeatedly press SLEEP to set the length of time until the TV turns off.

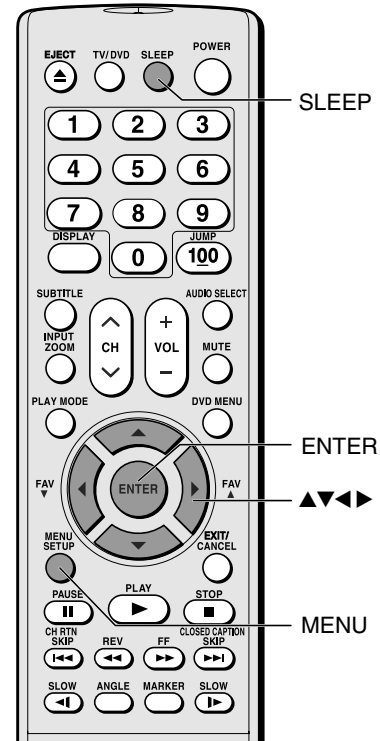
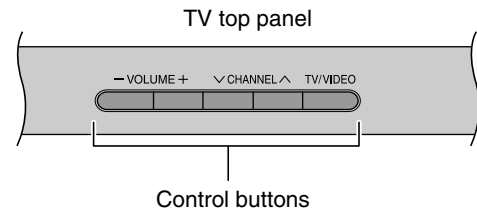
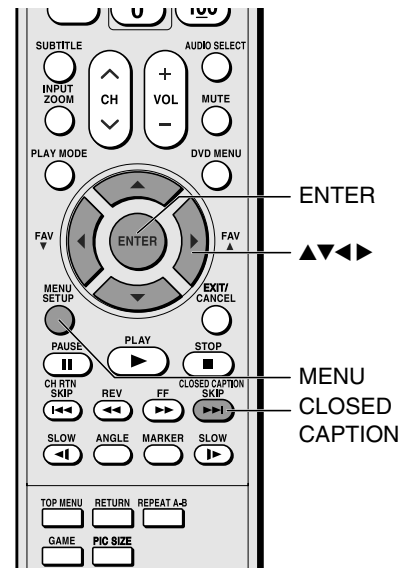


Every time you press SLEEP, the time display will increase by 30 minutes, up to 120 minutes.

30 → 60 → 90 → 120 → ---

To cancel the sleep timer:

Press SLEEP until "Sleep ---" appears.



Note :

- When an instant power failure occurs, the sleep timer settings may be cleared.
- To display the amount of time left until the TV turns off automatically, press SLEEP once.

Adjusting the sound

Muting the sound

Press MUTE to temporarily turn off the sound. While the sound is off, the screen will display “Mute” in the lower left corner.

When you select “MUTE” mode, the closed caption feature is automatically activated. To deactivate this feature, deactivate MUTE. This feature works only when the closed caption mode is set to Advanced mute. See “Using the closed caption feature” on page 30 for more information.

Selecting stereo/SAP broadcasts

The multi-channel TV sound (MTS) feature allows you to listen to high-fidelity stereo sound while watching TV. MTS can also transmit a second audio program (SAP) containing a second language, music, or other audio information (when provided by individual stations).

When the TV receives a stereo or SAP broadcast, the word “ST.SAP”, “Stereo” or “SAP” appears on-screen every time the TV is turned on, the channel is changed, or DISPLAY is pressed.

The MTS feature is not available when the TV is in Video mode.

To listen to stereo sound:

Repeatedly press AUDIO SELECT to select Stereo.



You can leave your TV in Stereo mode because it will automatically output the type of sound being broadcast (stereo or monaural).

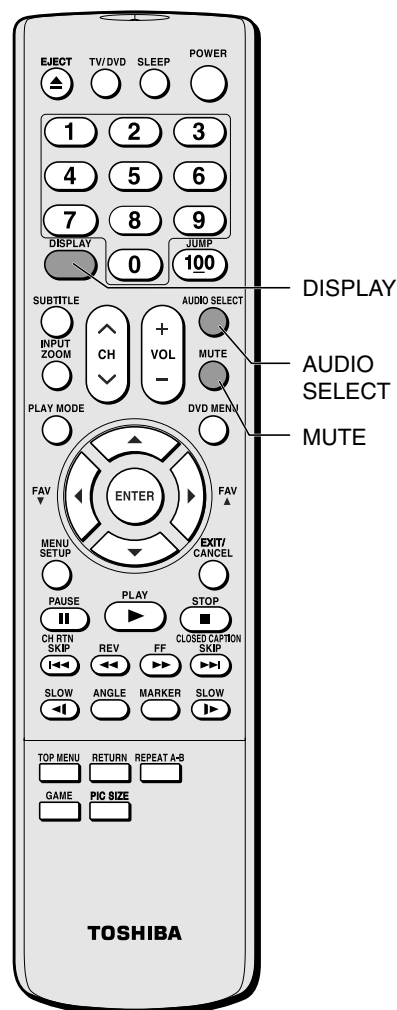
If the stereo sound is noisy, select Mono to reduce the noise.

To listen to SAP (if available):

Press AUDIO SELECT repeatedly to select SAP.



You will hear the station's second audio program (if available) from the speakers, while viewing the original program's picture.

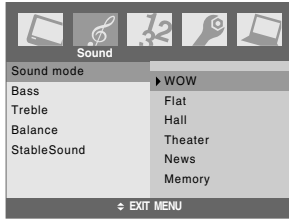


Using the WOW surround sound feature

WOW surround widens and deepens audio listening field to deliver exceptional sound from the TV's speakers. The feature uses stereo signals from a TV broadcast or video input.

To activate the WOW feature:

1. Select Stereo mode (see "Selecting stereo/SAP broadcasts" on page 32).
2. Press MENU, and then press ◀ or ▶ until the Sound menu appears.
3. Press ENTER, and then press ▲ or ▼ to highlight Sound mode.
4. Press ENTER, and then press ▲ or ▼ to select WOW.



Selecting the sound mode

You can select your desired sound type from six sound modes: WOW, Flat, Hall, Theater, News, or Memory.

Press AUDIO SELECT repeatedly to select the appropriate sound mode as shown:

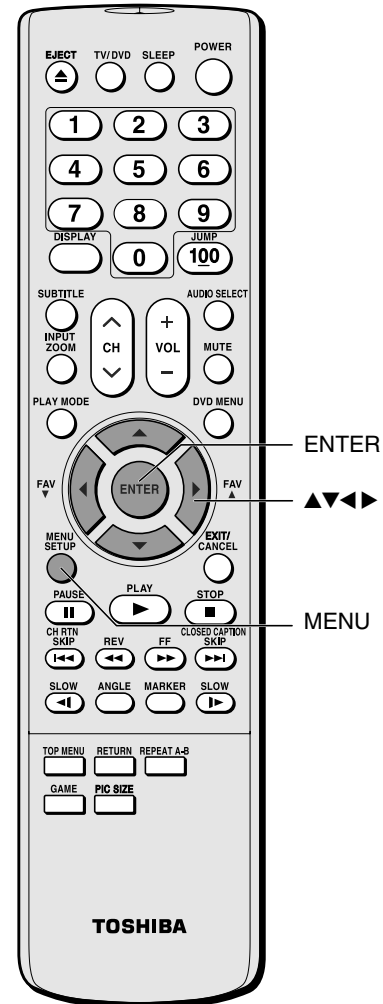
1. Press MENU, and then press ◀ or ▶ until the Sound menu appears.
2. Press ENTER, and then press ▼ or ▲ to highlight Sound mode.
3. Press ENTER, and then press ▼ or ▲ to select the mode you prefer.



Mode	Sound Quality
WOW	see above
Flat	flat sound (factory setting)
Hall	a concert hall filled with a rich warm sound (factory setting)
Theater	a movie theater filled with a dynamic sound (factory setting)
News	news/dialogue (factory setting)
Memory	your personal preference

Note:

If the broadcast is monaural, the WOW sound effect will not work.



Note:

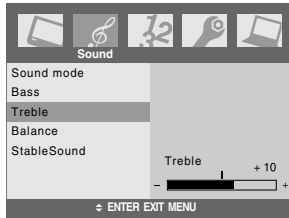
If you select one of the factory-set audio modes (WOW, Flat, Hall, Theater, or News) and then change a sound quality setting (for example, increase the bass), the sound mode automatically change to Memory mode.

Adjusting the sound quality

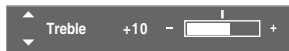
You can change the quality of your TV's sound by adjusting the bass, treble, and balance.

To adjust the sound quality:

1. Press MENU, and then press ◀ or ▶ until the Sound menu appears.
2. Press ENTER, and then press ▲ or ▼ to highlight the item you want to adjust.



3. Press ENTER.
4. Press ◀ or ▶ to adjust the level.



- ◀ makes the sound quality weaker or increases the balance in the left channel, depending on the item selected.
- ▶ makes the sound quality stronger or increases the balance in the right channel, depending on the item selected.

Note:

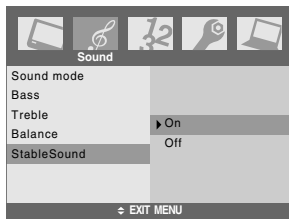
To continue adjusting the other items, press ▲ or ▼ in step 4.

Using the StableSound® feature

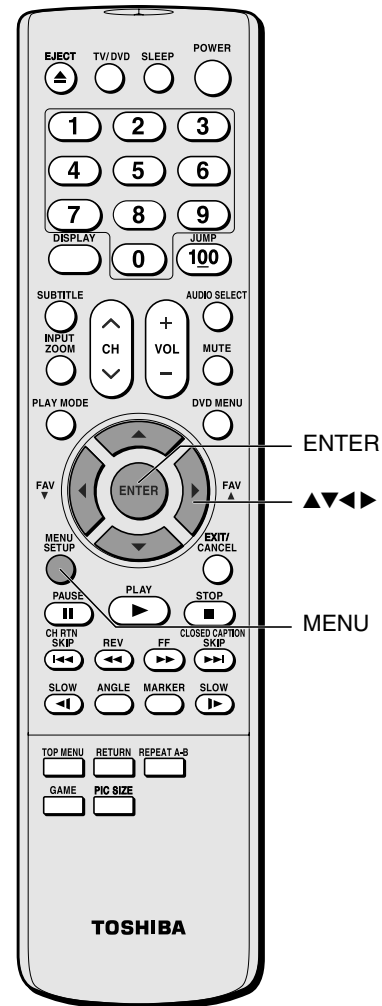
When the signal source is changed, the StableSound feature limits the highest volume level to prevent extreme changes in volume (for example, to prevent the sudden increase in volume that often happens when a TV program switches to a commercial).

To turn on the StableSound feature:

1. Press MENU, and then press ◀ or ▶ until the Sound menu appears.
2. Press ENTER, and then press ▲ or ▼ to highlight StableSound.
3. Press ENTER, and then press ▲ or ▼ to select On.



To turn off the StableSound feature:
Select Off in step 3 above.

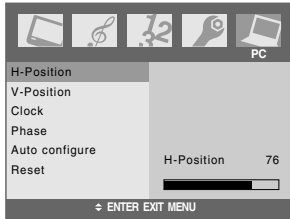


Using the PC setting feature

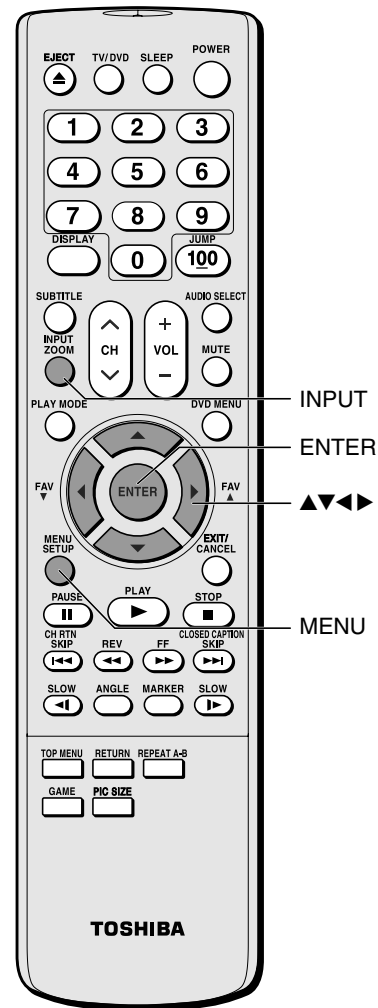
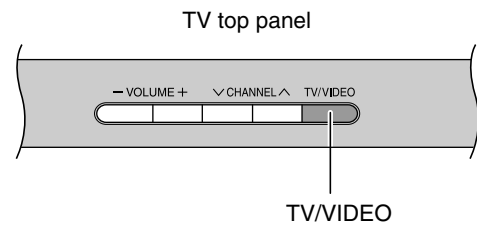
You can adjust the horizontal/vertical picture position, clock (to minimize vertical stripes on the screen), and phase (to remove horizontal noise and sharpen the picture).

You can auto-configure and reset these settings.

1. Confirm a PC is connected (see “Connecting a personal computer (PC)” on page 18).
2. Repeatedly press INPUT to select PC input mode. (See “Selecting the video input source” on page 24.)
3. Press MENU, and then press ◀ or ▶ until the PC menu appears.
4. Press ENTER, and then press ▲ or ▼ to select an item.



5. Press Enter.
6. Press ◀ or ▶ to make the appropriate adjustments.
 - H-position/V-position
Adjusts picture left/right and up/down. The adjustment range is 0–100. (The adjustable range may vary depending on the input mode.)
 - Clock
Minimizes any vertical bars or stripes appearing on the screen background. The adjustment range is 0–100. (The adjustable range may vary depending on the input mode.)
 - Phase
Reduces (or minimizes) any horizontal noise and clears up or sharpens the character images. The range adjustment is 0–100. (The adjustable range may vary depending on the input mode.)
 - Auto configure
Automatically adjusts the screen position, clock, and phase. (The displayed image will disappear for a few seconds while auto-configuration is in progress.)
 - Reset
Returns to the default settings programmed at the factory. The values in the Reset function cannot be modified.



Using the Game Mode feature

You can use the Game Mode feature for shorter frame delays when playing a video game requiring split-second timing between the on-screen display and input from the controller (such as music creation and high-action games).

To turn on Game Mode:

Press GAME. The TV will switch to the Game Mode when the on-screen display closes.

Note

If you adjust the volume or make any other adjustments that cause a menu or on-screen control panel to display, the Game Mode will be temporarily suspended until the on-screen display closes.

To turn off Game Mode:

You can change the video input in any of the following ways:

- pressing GAME.
- pressing INPUT.
- changing the channel using the Number buttons or CH \wedge \vee .

Using the Auto off feature

When the Auto off feature is set to On, the TV/DVD will automatically turn itself off after approximately 15 minutes if it is tuned to a vacant channel or a station that completes its broadcast for the day. This feature does not work when the Blue screen mode is set to Off.

To activate the Auto off feature:

1. Press MENU, and then press \blacktriangleleft or \blacktriangleright until the Special menu appears.
2. Press ENTER, and then press \blacktriangle or \blacktriangledown to highlight Auto off.
3. Press ENTER, and then press \blacktriangle or \blacktriangledown to Select On.



To deactivate the Auto off feature:

Select Off in step 3 above.

Displaying on-screen information

Press DISPLAY to display the following information on-screen:

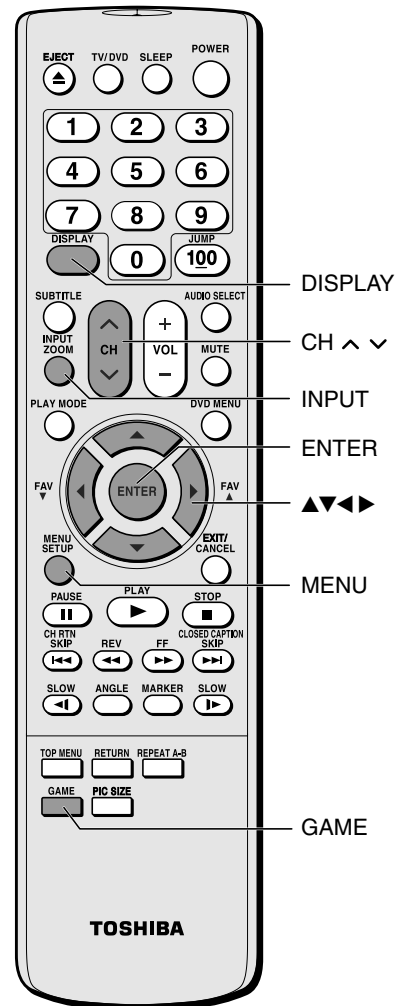
- Channel number or Video mode selected
- Stereo or SAP audio status



Understanding the last mode memory feature

If the power is cut off while you are viewing the TV/DVD, the Last Mode Memory feature turns on the TV/DVD automatically when the power is resupplied.

If the power is going to be off for a long time and you are going to be away from your TV/DVD, unplug the power cord to prevent the TV/DVD from turning on in your absence.



DVD Playback

Learning about the remote control

The buttons used for operating the DVD only are described here.

POWER turns the TV on and off.

TV/DVD switches to the DVD mode

EJECT ejects the DVD loaded in the disc slot (page 38)

Number buttons (0-9, 100) enters the numbers directly

JUMP jumps the desired title (page 39)

AUDIO SELECT changes the audio-related setting (page 39)

MUTE reduces or turns off the sound

VOL (volume) + - adjusts the volume level

DVD MENU accesses disc menus (page 39)

SUBTITLE selects the subtitle language or turns the subtitle off (page 40)

ZOOM enlarges or reduces the picture size (page 39)

PLAY MODE changes repeat mode (page 39)

ENTER activates the function settings in the menu (page 39)

▲▼◀▶ (arrow buttons) select or adjust menu items

MENU/SETUP opens the menu system (page 40)

EXIT/CANCEL closes the menu system

PAUSE || pauses the picture. To restart, press again (page 38)

PLAY ▶ begins playback of a DVD (page 38)

STOP ■ stops playback of a DVD (page 38)

REV ◀◀ rewinds the DVD. (Press during play mode to view the picture moving rapidly backward.) (page 38)

FF ▶▶ fast-forwards the DVD. (Press during play mode to view the picture moving rapidly forward.) (page 38)

SKIP ◀◀◀ skips back to beginning of current DVD chapter or locates previous chapters (page 38)

SKIP ▶▶▶ skips forward to locate later DVD chapters (page 38)

SLOW ◀▶ plays forward or reverse in slow-motion (page 38)

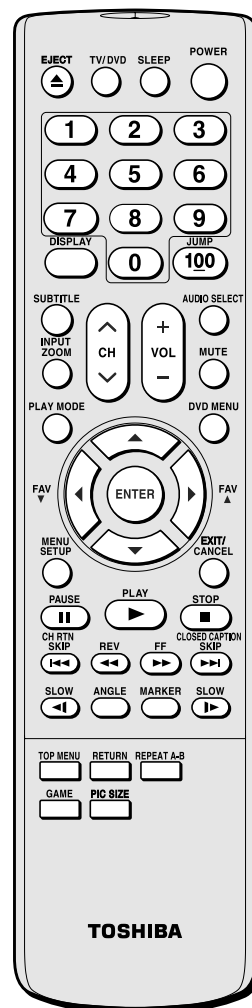
ANGLE changes the angle when playing back a DVD recorded with multi-angle facility (page 39)

MARKER accesses the bookmarker settings (page 39)

TOP MENU accesses a title menu (page 39)

RETURN returns to the previous MP3 file you were listening

REPEAT A-B allows you to repeat material between two selected points (page 39)



DVD & VCD Operation

Basic Playback

1. Press POWER.
2. Slide your chosen disc into the disc slot on the side panel. Be sure to face the top of the disc (with title etc.) toward the front of the screen. Playback starts.
3. Press EJECT to remove the disc.

Stop Playback

1. Press STOP ■ to stop playback. At this time, DVD video player stops playback temporarily and maintains the current playback position.
 - If PLAY ► is pressed, playback will resume from the location where you stopped playback.
2. Press STOP ■ again to stop playback fully. (At this time, if you press PLAY ►, disc playback start from the beginning.)

Pause Playback (Still mode)

1. Press PAUSE ■ during playback.
2. Press PLAY ► again to return to normal playback.

Note:

- Press PLAY ► to return to DVD mode from the TV, Video or PC mode.
- If you have a disc problem during playback, remove the disc by pressing and holding down EJECT on the top panel for more than 4 seconds.

Fast Forward/Backward

1. Press FF ►► or REV ◀◀ during playback. Each time you press FF ►► or REV ◀◀, the playback speed changes as shown.
 - FF ►► : ►► 2x → ►► 4x → ►► 8x → ►► 16x → ►► 32x → 1x.
 - REV ◀◀ : ◀◀ 2x → ◀◀ 4x → ◀◀ 8x → ◀◀ 16x → ◀◀ 32x → 1x.
2. Press PLAY ► to resume normal playback.

Slow Forward/Backward

1. Press SLOW ► or SLOW ◀ during playback. Each time you press SLOW ► or SLOW ◀, the playback speed changes as shown:
 - SLOW ► : ► 1/2 → ► 1/4 → ► 1/8 → ► 1/16 → 1x.
 - SLOW ◀ : ◀ 1/2 → ◀ 1/4 → ◀ 1/8 → ◀ 1/16 → 1x. (DVD only)
2. Press PLAY ► to resume normal playback.

Note:

There is no sound during fast or slow playback for DVDs or Video CDs.

Skip a Chapter or a Track

1. Press SKIP ►► or SKIP ◀◀ to locate a desired chapter during playback. Each time you press the button, a chapter or track is skipped.
 - Press SKIP ►► to locate succeeding chapters or tracks.
 - Press SKIP ►► twice in quick succession, playback will start from the beginning of the next chapter or track.
 - Press SKIP ◀◀ to go back to the beginning of the current chapter or track.
 - Press SKIP ◀◀ twice in quick succession, playback will start from the beginning of the previous chapter or track.

Frame by Frame Playback

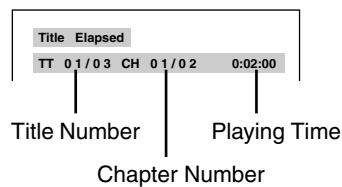
1. Press SKIP ►► or SKIP ◀◀ in the still mode, one frame is displayed at a time. This function maybe operate differently depending on the disc type. (The backward frame function doesn't work in VCD disc.)

On-Screen Display

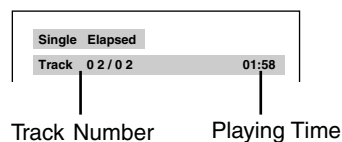
You can display the playback status on TV screen as follows: Title, Chapter number, Playing time.

1. Press DISPLAY during DVD playback. Title, Chapter information appears on screen. Each time you press DISPLAY, the OSD changes as follows.
 - DVD: Title Elapsed → Title Remain → Chapter Elapsed → Chapter Remain → Display off
 - VCD: Single Elapsed → Single Remain → Total Elapsed → Total Remain → Display off

DVD



VCD



Note:

OSD display may different depending on the type of DVD disc.

Selecting disc menu

1. Press DVD MENU during playback.
2. Use **▲▼◀▶**, or ENTER to select the desired menu option.

Selecting title menu

1. Press TOP MENU during playback.
2. Use **▲▼◀▶**, or ENTER to select the desired item.

Note :

The unit may not be able to select the disc or title menu depending on the type of DVD disc.

Repeat playback

You can play a specific title, chapter, track, or segment repeatedly.

1. Press PLAY MODE during playback.
Each time you press PLAY MODE, the repeat mode changes as follows.
 - DVD : **⌚** Chapter → **⌚** Title → **⌚** ALL → **⌚** Repeat Off
 - VCD : **⌚** Track → **⌚** ALL → Repeat Off

A-B repeat playback

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

1. Press REPEAT A-B to select the start point during playback. “**⌚A**” is displayed on TV screen and the starting point of your selected segment is set up.
2. Press REPEAT A-B again to select the end point. “**⌚AB**” is displayed on TV screen and the ending point is set up.
Playback starts at the point that you selected. Playback stops at the end point, returns to Point A automatically, then starts again.
3. Repeatedly press REPEAT A-B again to resume normal playback.
“Off” appears on the screen.

Selecting camera angles

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

1. Press ANGLE during playback.
2. Repeatedly press ANGLE to select the desired angle.

Note:

- *You can only change the angle for DVDs that provide multiple angles of scenes.*
- *The angle function will not work on DVD video discs that do not contain scenes recorded at different angles.*
- *The number of angles varies from disc to disc.*

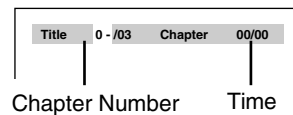
Picture Size Zoom

When enlarging or reducing the picture, it may become distorted.

1. Press ZOOM during playback.
2. Each press of ZOOM changes the screen display as indicated below:
2×, 3×, 4×, 1/2, 1/3, 1/4, (Zoom off)
3. Adjust the main picture position using **▲▼◀▶** while in the enlarged picture mode.

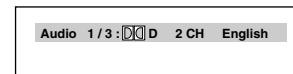
JUMP

1. Press JUMP in the stop mode.
2. Use the number buttons to enter desired title. Playback will start from the beginning of the desired title.



AUDIO SELECT

1. Press AUDIO SELECT to change the audio-related setting during DVD playback.
Each time you press it, the set value is changed.



Note :

Depending on the disc, Audio setup may not be possible.

MARKER

1. Press MARKER during playback. The Bookmark picture appears as the DVD is playing.
2. Press PLAY **▶** at any scenes where you want to place a mark.
3. Press **▲▼◀▶**, select a marker, and then press PLAY **▶**. Playback starts from the desired scene.

About DVD Screen Saver

If you pause or stop a picture of a DVD video disc and leave it still for approximately 2 minutes, the screen saver of the player automatically appears.

To turn off the screen saver, press any button related DVD on the remote control.

DVD Menu options

If you press SETUP in the stop mode, the DVD menu is displayed, and in the play or pause mode, the TV setup menu is displayed.

Selecting an audio language

Select your preferred audio language. If an audio language is selected, the selected audio language is played whenever you start a new disc playback. (The disc must contain the selected language)

1. Press SETUP in the stop mode, and then press ▲ or ▼ to select Audio Language.
2. Press ►, and then press ▲ or ▼ to select your desired language.



3. Press ENTER.
4. Press SETUP to resume normal playback.

Selecting a subtitle language

Select your preferred subtitle language. If a subtitle language is selected, the selected subtitle language is played whenever you start a new disc playback. (The disc must contain the selected language)

You can also select another available subtitle language during playback with SUBTITLE on the remote control during playback.

1. Press SETUP in the stop mode, and then press ▲ or ▼ to select Subtitle Language.
2. Press ►, and then press ▲ or ▼ to select your desired language.



3. Press ENTER.
4. Press SETUP to resume normal playback.

Disc menu language selection

Select your preferred language for the disc menus and DVD messages. (The disc must contain the selected language)

1. Press SETUP in the stop mode, and then press ▲ or ▼ to select Menu Language.
2. Press ►, and then press ▲ or ▼ to select your desired language.

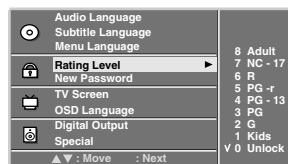


3. Press ENTER.
The menus and on screen displays will appear in the selected language.
4. Press SETUP to resume normal playback.

Parental Control Setup

Use to block viewing of unsuitable discs.

1. Press SETUP in the stop mode, and then press ▲ or ▼ to select Rating Level.
2. Press ► and then use number buttons to key in a 4-digit password.
Be sure to remember the password!



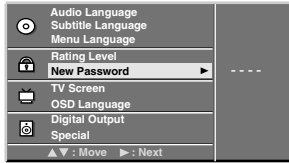
3. Press ▲ or ▼ to set the restriction level from 0 to 8. Viewing becomes more restricted as the number decreases.
 - 0: Unlock
 - 1: Kids
 - 2: G (General audience)
 - 3: PG (Parental guidance suggested)
 - 4: PG-13 (13 years and older)
 - 5: PG-r
 - 6: R (Restricted)
 - 7: NC-17 (18 years and older)
 - 8: Adult (Adults only)
4. Press SETUP to resume normal playback.

Note:

If you ever forget your password, key in '7'; '7'; '7'; '7' on the remote control.

Changing the password

1. Press SETUP in the stop mode, and then press ▲ or ▼ to select Rating Level.
2. Press ►, and then use number buttons to key in a 4-digit password.

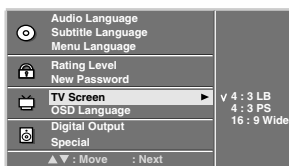


3. Press ◀, and then press ▲ or ▼ to select New Password.
4. Press ►, and then enter a 4 digit password. Enter it again when requested.
5. Press SETUP to resume normal playback.

TV Screen

You can watch TV in various picture formats.

1. Press SETUP in the stop mode, and then press ▲ or ▼ to select TV Screen.
2. Press ►, and then press ▲ or ▼ to select 4 : 3 LB, 4 : 3 PS, or 16 : 9 Wide.



3. Press ENTER.
4. Press SETUP to resume normal playback.

Note :

Depending on the disc, the TV screen feature may not be available.

Disc OSD language selection

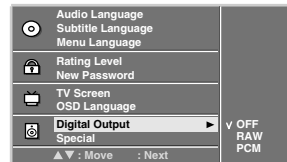
The on-screen display can be shown on the screen in your specified language.

1. Press SETUP in the stop mode, and then press ▲ or ▼ to select OSD Language.
2. Press ►, and then press ▲ or ▼ to select your desired language. All the on screen displays will appear in the selected language.
3. Press SETUP to resume normal playback.

Digital audio output

You can select the output for SPDIF (Sony/Philips Digital Interface).

1. Press SETUP in the stop mode, and then press ▲ or ▼ to select Digital Output.
2. Press ►, and then press ▲ or ▼ to select OFF, RAW (Original SPDIF signal), or PCM (Pulse Code Modulation: Encodes SPDIF signal to PCM).



3. Press ENTER.
4. Press SETUP to resume normal playback.

DRC (Dynamic Range Compression)

Confines the audio range to prevent excessively loud sound yet allows you to hear the low sounds clearly.

1. Press SETUP in the stop mode, and then press ▲ or ▼ to select Special.
2. Press ►, and then press ▲ or ▼ to select DRC Off (Decrease the DRC range) or DRC On (Reset the DRC range to original values).



3. Press ENTER.
4. Press SETUP to resume normal playback.

MP3/WMA files Playback options

MP3/WMA Files Playback

1. When inserted, the MP3 menu screen appears automatically depending on the MP3 disc's folder (directory) structure as shown to the below.
2. Press ▲ or ▼ to find desired folder and then press ENTER.
3. Press ▲ or ▼ to find the desired MP3 title and then press ENTER.

Stop/Pause Playback

Stop Playback

Press STOP ■ to stop playback.

Pause Playback

1. Press PAUSE ■ during playback.
2. Press PLAY ► again to return to normal playback.

Repeat playback

You can play a specific track repeatedly.

1. Press PLAY MODE during playback. Each time you press PLAY MODE, the repeat mode changes in the following order: Track → Repeat Track → Repeat Directory → Off

A-B repeat playback

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

1. Press REPEAT A-B to select the start point during playback. "⌚A" is displayed on TV screen and the starting point of your selected segment is set up.
2. Press REPEAT A-B again to select the end point. "⌚AB" is displayed on TV screen and the ending point is set up. Playback starts at the point that you selected. Playback stops at the end point, returns to Point A automatically, then starts again.
3. Repeatedly press REPEAT A-B until "Off" appears on the screen to resume normal playback.

Playable files

MP3/WMA disc compatibility with this player is limited as follows:

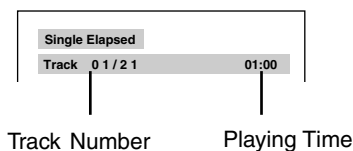
- Playable discs: CD-ROM, CD-R, CD-RW
- Sampling Frequency: 32 kHz, 44,1 kHz, 48 kHz
- Bit rate: WMA: 48 kbps - 192 kbps(CBR)
MP3: 32 kbps - 320 kbps (CBR)
- CD physical format: Mode 1
- File system: ISO9660, UDF without interleave
- File name: File names are limited to eight characters or less and must incorporate "MP3" or "WMA" extension.
e.g. "*****.MP3", "*****.WMA"
File names cannot contain special characters such as "?!><+*}{[@];\ /.," etc.
- File size: Less than 50 bytes
- Total number of files: Less than 650
- WMA codec version: V2, V7, V8, V9 (Stereo sound only)

Audio CD Playback options

On-Screen Display

You can display the Track, and Playback time status on the TV screen.

1. Press DISPLAY during CD playback. Track information appear on screen. Each time you press DISPLAY, the OSD changes as follows: Single Elapsed → Single Remain → Total Elapsed → Total Remain



Stop Playback

1. Press STOP ■ to stop playback. At this time the DVD video player stops playback temporarily and maintains the current playback position.
 - If PLAY ► is pressed, playback will resume from the location where you stopped playback.
2. Press STOP ■ again to stop playback fully. (At this time if you press PLAY ►, disc playback starts from the beginning.)

Pause Playback (Still mode)

1. Press PAUSE ■ during playback.
2. Press PLAY ► again to return to normal playback.

Fast Forward/Backward

1. Press FF ►► or REV ◀◀ during playback. Each time you press FF ►► or REV ◀◀, the playback speed changes as shown.
 - FWD ►► : ►► 2x → ►► 4x → ►► 8x → ►► 16x → ►► 32x.
 - REV ◀◀ : ◀◀ 2x → ◀◀ 4x → ◀◀ 8x → ◀◀ 16x → ◀◀ 32x.
2. Press PLAY ► to resume normal playback.

Repeat playback

You can play a specific track repeatedly.

1. Press PLAY MODE during playback. Each time you press PLAY MODE, the repeat mode changes as indicated: Track → ALL → Repeat Off

Skip Tracks

1. Press SKIP ►► or SKIP ◀◀ to locate a desired track during playback. Each time you press the button, the unit skips to the next/previous track.

A-B repeat playback

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

1. Press REPEAT A-B to select the start point during playback. “⌚A” is displayed on TV screen and the starting point of your selected segment is set up.
2. Press REPEAT A-B again to select the end point. “⌚AB” is displayed on TV screen and the ending point is set up. Playback starts at the point that you selected. Playback stops at the end point, returns to Point A automatically, then starts again.
3. Repeatedly press REPEAT A-B again to resume normal playback. “Off” appears on the screen.

JPEG file viewing options

As a JPEG file is loaded, the table of contents appears on the TV screen. 16 slide show transition modes are available.

Picture Selection

1. Press ▲ or ▼ to select the desired picture. The selected JPEG file appears on the right side of the screen.
2. Press ENTER to enlarge the JPEG file to fill the screen.
3. Press PLAY ► again to start slide show mode. Press STOP ■ to return to the menu.

Note:

If you press ENTER while playing a JPEG disc, the picture slide show starts.

Picture transition modes

1. Press ▲ or ▼ to select the desired picture, and then press PLAY ► to start the slide show.
2. Press EXIT/CANCEL to stop the slide show.

Image Rotation

Press ▲ or ▼ to rotate a picture. There are 2 modes to rotate picture:

- ▲ : invert.
- ▼ : mirror

Image Zoom

1. Press ZOOM and use FF ►► or REV ◀◀ to see the zoom mode at 50% - 200%.
2. Adjust the picture position using ▲▼◀► while in the enlarged picture mode.
To exit Zoom mode, press ZOOM one more time.
3. Press STOP ■ to return to the menu.

Repeat playback

You can show JPEG files repeatedly.

1. Press PLAY MODE during playback. Each time you press PLAY MODE, the repeat mode changes as indicated:
Repeat One → Repeat All → Repeat Off

JPEG files compatibility

Discs and pixels whose compatibility with this player has been confirmed by TOSHIBA are as follows.

Kodak Picture CD

JPEG disc compatibility with this player is limited as follows:

- Playable discs: CD-ROM, CD-R, CD-RW
- File system: ISO9660, UDF without interleave
- File name: File names are limited to eight characters or less and must incorporate "JPG" extension.
e.g. "*****.JPG"
File names cannot contain special characters such as "?!><+*}{[@];\ /,," etc.
- File size: Less than 10M bytes
- File format: BASELINE, PROGRESSIVE
- Resolution: Baseline JPG: 3072 × 2048
Progressive JPG:
width*(height + 128) < 3300000
Files with size < 20M bytes.

Appendix

Specifications

- This model complies with the specifications listed below.
- Designs and specifications are subject to change without notice.



WARNING: RISK OF ELECTRIC SHOCK !

Never attempt to service the TV yourself. Opening and removing the covers may expose you to dangerous voltage or other hazards. Refer all servicing to a Toshiba Authorized Service Center.

Television System
NTSC standard

Channel Coverage
VHF: 2 through 13
UHF: 14 through 69
Cable TV: Mid band (A-8 through A-1, A through I)
Super band (J through W)
Hyper band (AA through ZZ, AAA, BBB)
Ultra band (65 through 94, 100 through 125)

Power Source
100-240 V AC, 60 Hz

Power Consumption
XX W
0.8 W in standby mode

Audio Power
5 W + 5 W

Video/Audio Terminals
S-VIDEO INPUT
Y : 1 V(p-p), 75 ohms, negative sync.
C : 0.286 V(p-p) (burst signal), 75 ohms
VIDEO/AUDIO INPUT
VIDEO: 1 V(p-p), 75 ohms, negative sync.
AUDIO: 400 mV(rms) (30% modulation equivalent,
22k ohms or greater)
ColorStream® (Component video) INPUT
Y : 1V(p-p), 75 ohms
PR: 0.7 V(p-p), 75 ohms
PB: 0.7 V(p-p), 75 ohms
AUDIO: 400 mV(rms), 22k ohms or greater
Suggested resolutions: 1080i, 480p, 480i, 720p
AUDIO OUTPUT
400 mV(rms) (30% modulation equivalent,
2.2k ohms or less)

HEADPHONE jack
3.5 mm stereo mini jack
PC INPUT

15-pin D-sub Analog RGB
PC AUDIO INPUT
3.5 mm stereo mini jack

HDMI™ INPUT:
HDMI compliant (type A connector)
HDCP compliant
E-EDID** compliant
Suggested scan rates: 1080i, 480p, 480i, 720p
HDMI Audio:

2-channel PCM;
32/44.1/48 kHz sampling frequency;
16/20/24 bits per sample

Note: This TV does not provide HDMI OUTPUT.

SPDIF (digital audio output):
Optical type

Dimensions (Including TV stand)
Width : XX inches (XXX mm)
Height : XX-X/X inches (XXX mm)
Depth : X inches (XXX mm)

Mass (weight)
XX.X lbs (X.X kg)

Operating conditions
Temperature: 32°F – 95°F (0°C – 35°C)
Humidity: 20 – 80% (no moisture condensation)

DVD/CD Player
Signal system NTSC
Applicable disc 1. DVD (12cm, 8cm [with Disc adapter])
2. CD (12cm, 8cm [with Disc adapter])
Pickup 1-Lens, 2-Beams system

Troubleshooting

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

Symptom	Solution
TV will not turn on	<ul style="list-style-type: none">• Make sure the power cord is plugged in, then press POWER.• The remote control batteries may be dead. Replace the batteries.
No picture, no sound	<ul style="list-style-type: none">• Check the antenna/cable connections.
No sound, picture OK	<ul style="list-style-type: none">• The sound may be muted. Press VOL + –.• The station may have broadcast difficulties. Try another channel.• Make sure the MTS feature is set properly.
Poor picture, sound OK	<ul style="list-style-type: none">• Check the antenna connections.• The station may have broadcast difficulties. Try another channel.• Adjust the Picture menu.
Poor reception of broadcast channels	<ul style="list-style-type: none">• The station may have broadcast difficulties. Try another channel.• Check the antenna connections.
Black box appears on the screen	<ul style="list-style-type: none">• The closed caption feature may be set to one of the Text modes (Text1, Text2, Text3, or Text4). Turn closed captioning Off.
Unable to select a certain channel	<ul style="list-style-type: none">• The channel may be erased with the Manual programming feature.
Multiple images	<ul style="list-style-type: none">• The station may have broadcast difficulties. Try another channel.• Antenna reception may be poor. Use a highly directional outdoor antenna.
Poor color or no color	<ul style="list-style-type: none">• The station may have broadcast difficulties. Try another channel.• Adjust the Tint and/or Color in the Picture menu.
No stereo or SAP sound from a known MTS broadcast	<ul style="list-style-type: none">• Make sure the MTS feature is set properly.
The top panel buttons do not operate	<ul style="list-style-type: none">• Check the Panel lock feature.
The remote control does not operate	<ul style="list-style-type: none">• Remove all obstructions between the remote control and the remote control sensor in the TV.• The remote control batteries may be dead. Replace the batteries.

Symptom (DVD)

Solution

Playback doesn't start	<ul style="list-style-type: none">• No disc is loaded.• The disc may be dirty. Clean the disc.• The TV cannot play CD-ROMs, etc.
No picture	<ul style="list-style-type: none">• TV selector is not set correctly.
No sound	<ul style="list-style-type: none">• Make sure the input selector of the amplifier is set properly.• The TV is in the special playback mode.• Select the correct Audio Output/Input position on AV Amplifier.
Picture is distorted during fast reverse/forward playback	<ul style="list-style-type: none">• The picture will be distorted occasionally.
Stopping playback, search, slow-motion play, A-B repeat play, or changing angles, etc. cannot be performed	<ul style="list-style-type: none">• Some discs may not perform certain functions.
No on-screen display	<ul style="list-style-type: none">• Select Display On.
No surround sound	<ul style="list-style-type: none">• The setup does not match your stereo system.
The TV or remote operation key is not functioning	<ul style="list-style-type: none">• Turn off the TV and unplug the AC power cord for several is not functioning minutes, then replug it.
Playback does not start when the title is selected	<ul style="list-style-type: none">• Check the RATING LEVEL setup.
Audio soundtrack and/or subtitle language is not changed when you play back a DVD	<ul style="list-style-type: none">• Multilingual language is not recorded on the DVD disc.
No subtitle	<ul style="list-style-type: none">• Some discs have no subtitles.• Subtitles are cleared. Press SUBTITLE.
Angle cannot be changed	<ul style="list-style-type: none">• Multi-angles are not recorded on the DVD discs.
⊙ appears on the screen	<ul style="list-style-type: none">• The function is prohibited with the TV or the disc.

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