Introduction
Connections
Basic setup
Basic playback
Advanced playback
Function setup
Others

©2007 Toshiba Corporation
Before operating the unit, please read this manual thoroughly.
*Screen size is approximate.
Introduction

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

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

WARNING: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.
CAUTION: TO PREVENT ELECTRIC SHOCK DO NOT USE THIS POLARIZED PLUG WITH AN EXTENSION CORD, RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE.

FCC NOTICE:
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC 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 turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
- Reorient or relocate the receiving antenna.
- Increase the distance between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

CAUTION: Changes or modifications not expressly approved by the party responsible for compliance with the FCC (Federal Communications Commission) Rules could void the user’s authority to operate this equipment.

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 grounding system of the building, as close to the point of cable entry as practical. For additional antenna grounding information, see item 26 on page 4.

ON DISPOSAL.
The lamp(s) inside this product contain mercury. Disposal may be regulated due to environmental considerations. For disposal or recycling information, contact your local authorities or the Electronic Industries Alliance (www.eiae.org).

WARNING: If you decide to wall mount this television, always use a UL Listed wall bracket appropriate for the size and weight of this television. The use of any wall bracket other than a UL Listed wall bracket appropriate for the size and weight of this television for wall mounting this television could result in serious bodily injury and/or property damage.
SAFETY INSTRUCTIONS

Important Safety Instructions

1) Read these instructions.
2) Keep these instructions.
3) Heed all warnings.
4) Follow all instructions.
5) Do not use this apparatus near water.
6) Clean only with dry cloth.
7) Do not block any ventilation openings. Install in accordance with the manufacturer’s instructions.
8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9) Do not defeat the safety purpose of the polarized or grounding type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10) Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11) Only use attachments/accessories specified by the manufacturer.
12) Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13) Unplug this apparatus during lightning storms or when unused for long periods of time.
14) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

Additional Safety Precautions

14a) CAUTION: If the TV is dropped and the cabinet or enclosure surface has been damaged or the TV does not operate normally, take the following precautions:
- ALWAYS turn off the TV and unplug the power cord to avoid possible electric shock or fire.
- NEVER allow your body to come in contact with any broken glass or liquid from the damaged television. The LCD panel inside the TV contains glass and a toxic liquid. If the liquid comes in contact with your mouth or eyes, or your skin is cut by broken glass, rinse the affected area thoroughly with water and consult your doctor.

15) To avoid damage to this product, never place or store the TV in direct sunlight; hot, humid areas; or areas subject to excessive dust or vibration.

Installation, Care, and Service

Installation

Follow these recommendations and precautions and heed all warnings when installing your TV.

16) Never modify this equipment. Changes or modifications may void: a) the warranty, and b) the user’s authority to operate this equipment under the rules of the Federal Communications Commission.

17) DANGER: RISK OF SERIOUS PERSONAL INJURY, DEATH, OR EQUIPMENT DAMAGE! Never place the TV on an unstable cart, stand, or table. The TV may fall, causing serious personal injury, death, or serious damage to the TV.

18) Never place items such as vases, aquariums, or candles on top of the TV.

19) WARNING: To prevent injury, this apparatus must be securely attached to the floor/wall in accordance with the installation instructions. Always place the TV on the floor or a sturdy, level, stable surface that can support the weight of the unit. Use a sturdy tie between the TV’s rear hook and the rear wall, pillar, etc., to secure the TV. If you use a TV stand, fasten the TV to the stand using the attached band (under the TV pedestal).

20) Never expose the apparatus to dripping or splashing liquid or place items such as vases, aquariums, any other item filled with liquid, or candles on top of the TV.

21) Never block or cover the slots or openings in the TV cabinet back, bottom, and sides.

22) Always place the back of the television at least one (1) inch away from any vertical surface (such as a wall) to allow proper ventilation.

23) Never allow anything to rest on or roll over the power cord, and never place the TV where the power cord is subject to wear or abuse.

24) Never overload wall outlets and extension cords.

25) Always operate the TV with a 120V AC, 60Hz power source only.

CAUTION: To reduce the risk of electric shock, do not use the polarized plug with an extension cord, receptacle, or other outlet unless the blades can be inserted completely with three-wire grounding type to prevent blade exposure.
SAFETY INSTRUCTIONS (Continued)

Installation (cont. from previous page)

26) Always make sure the antenna system is properly grounded to provide adequate protection against voltage surges and built-up static charges (see Section 810 of the National Electric Code.)

27) **DANGER: RISK OF SERIOUS PERSONAL INJURY OR DEATH!**
   • Use extreme care to make sure you are never in a position where your body (or any item you are in contact with, such as a ladder or screwdriver) can accidentally touch overhead power lines. Never locate the antenna near overhead power lines or other electrical circuits.
   • Never attempt to install any of the following during lightning activity: a) an antenna system; or b) cables, wires, or any home theater component connected to an antenna or phone system.

Care (cont. from previous column)

33) Keep your fingers well clear of the disc slot as it is closing. Failure to do so may cause serious personal injury.

34) When you use headphones, keep the volume at a moderate level. Using headphones continuously at a high volume may cause hearing damage.

35) NEVER look directly into the disc slot or ventilation slots at the source of the laser beam. Doing so may cause sight damage.

36) NEVER use a cracked, deformed, or repaired disc. Such discs are easily broken and may cause serious personal injury or product damage. SUCH DAMAGE IS NOT COVERED UNDER YOUR WARRANTY.

37) **WARNING: RISK OF SERIOUS PERSONAL INJURY OR EQUIPMENT DAMAGE!**
   • Never strike the screen with a sharp or heavy object.
   • Never touch, press, or place anything on the LCD screen. These actions will damage the LCD screen. If you need to clean the LCD screen, follow the instructions in item 28 on this page.

Service

38) **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.

39) If you have the TV serviced:
   • Ask the service technician to use only replacement parts specified by the manufacturer.
   • Upon completion of service, ask the service technician to perform routine safety checks to determine that the TV is in safe operating condition.

40) When the TV reaches the end of its useful life, ask a qualified service technician to properly dispose of the TV.
Precautions

Choosing a location for your LCD TV

To Display your LCD TV on the included Pedestal Stand:

Observe the following safety precautions:

1) Place the TV on a sturdy, level surface that can support the weight of the TV.
2) Be sure to secure the TV to a wall, pillar, surface, or other immovable structure. To secure the TV in this manner, use the included strap located at the rear of pedestal stand. (see item 19, page 3).

To Display your LCD TV using a Wall Bracket:

If you decide to wall mount your LCD TV, always use a UL Listed wall bracket appropriate for the size and weight of the LCD TV (see page 2):

1) CAUTION: Two people are required for installation.
2) Unplug and remove any cables and/or other component connectors from the rear of the TV.
3) Follow the instructions provided with your wall bracket. Before proceeding, make sure the appropriate bracket(s) are attached to the wall and the back of the TV as described in the instructions provided with the wall bracket.
4) After attaching the appropriate bracket(s) to the wall and the back of the TV, remove the pedestal stand from the TV as described below.

Removing the Pedestal Stand

1) Carefully lay the front of the unit face down on a flat, cushioned surface such as a quilt or blanket. Leave the stand protruding over the edge of the surface.

   NOTE: Extreme care should always be used when removing the pedestal stand to avoid damage to the LCD panel.
2) Remove the three screws shown in the diagram below. This will allow removal of the pedestal stand.
3) Once you have removed all three screws holding the pedestal stand in place, remove the pedestal stand from the TV by sliding the pedestal stand away from the TV.

Important notes about your LCD TV

The following symptoms are technical limitations of LCD Display technology and are not an indication of malfunction; therefore, Toshiba is not responsible for perceived defects resulting from these symptoms.

1) An after image (ghost) may appear on the screen if a fixed, non-moving image is displayed for a long period of time. The after image is not permanent and will disappear in a short period of time.
2) The LCD panel contained in this TV is manufactured using an extremely high level of precision technology; however, there may be an occasional pixel (dot of light) that does not operate properly (does not light, remains constantly lit, etc.). This is a structural property of LCD technology, is not a sign of malfunction, and is not covered under your warranty. Such pixels are not visible when the picture is viewed from a normal viewing distance.

   Note: Interactive video games that involve shooting a “gun” type of joystick at an on-screen target may not work on this TV.

Notes on handling

- Do not subject the LCD panel to physical shock, such as dropping it. It may cause unit damage and malfunction.
- When shipping the unit, the original shipping carton and packing materials come in handy. For fully protection, repack the unit as it was originally packed at the factory.
- Do not use volatile liquids, such as insecticide, near the unit. Do not leave rubber or plastic products in contact with the unit for prolonged periods of time. Doing so will leave marks on the finish.
- The top and rear panels of the unit may become warm after a long period of use. This is not a malfunction.
- When the unit is not in use, always remove the disc and turn off the power.

Notes on locating the unit

- When you place this unit near a TV, radio, or VCR, the playback picture may become poor and the sound may be distorted. In this case, place the unit away from the TV, radio, or VCR.
- To avoid damage to this product, never place or store the TV/DVD in direct sunlight; hot, humid areas; or areas subject to excessive dust or vibration.
**Notes on moisture condensation**

Moisture condensation damages the unit. Please read the following carefully.

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

- **Moisture condensation may occur in the following situations:**
  - When you move the unit from a cold area to a warm area.
  - When you use the unit in a room in which the heat was just turned on.
  - When you use the unit in an area where cold air from an air conditioner directly hits the unit.
  - When you use the unit in a humid area.

- **Never use the unit when moisture condensation may occur**

Using the unit when moisture condensation exists may damage discs and internal parts. Connect the power cord of the unit to the wall outlet, turn on the unit, remove the disc, and leave it for two or three hours. After two or three hours, the unit will have warmed up and evaporated any moisture. Leaving the TV connected to the wall outlet will help prevent moisture condensation in the TV or DVD Player.

**On handling discs**

- Do not touch the playback side of the disc. For example, handle the disc so that it is shown in figure below.
- Do not attach paper or tape to discs.

**On cleaning discs**

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

**On storing discs**

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

**Structure of disc contents**

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

**DVD video disc**

- Title 1
  - Chapter 1
  - Chapter 2
- Title 2
  - Chapter 1
  - Chapter 2
  - Chapter 3

**Video CD/Audio CD**

- Track 1
- Track 2
- Track 3
- Track 4
- Track 5

Each title, chapter or track is assigned a number, which is called “title number”, “chapter number” or “track number” respectively. There may be discs that do not have these numbers.
Notes on copyright

The unauthorized recording, use, distribution, or revision of copyrighted materials including, without limitation, television programs, videotapes, and DVDs, is prohibited under the Copyright Laws of the United States and other countries, and may subject you to civil and criminal liability.

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

About this owner’s manual

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

The following symbol may appear on the TV screen during operation.

It means that the operation is not permitted by the TV/DVD or the disc.

For example, sometimes it is unable to stop the playback of copyright message of the disc when the STOP (■) button is pressed. Alternatively, this symbol may also indicate that the feature is not available for the disc.

Notes on region numbers

The region number of this unit is 1. If region numbers, which stand for their playable area, are printed on your DVD video disc and you do not find or , disc playback will not be allowed by the player. (In this case, the unit will display a message on-screen.) Some DVDs that have no region code label may still be subject to area restrictions and therefore not playable.

On Video CDs

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

- **Video CD not equipped with PBC function (Version 1.1)**
  Sound and movie can be played on this unit in the same way as a DVD.

- **Video CD equipped with PBC function (Version 2.0)**
  In addition to operation of a Video CD not equipped with the PBC function, you can enjoy playback of interactive software with search function by using the menu displayed on the TV screen (Menu Playback). Some of the functions described in this owner’s manual may not work with some discs.

Table: Playable discs

<table>
<thead>
<tr>
<th>Disc Mark</th>
<th>Contents</th>
<th>Disc Size</th>
<th>Maximum playback time</th>
</tr>
</thead>
<tbody>
<tr>
<td>DVD video discs</td>
<td>Audio + Video (moving pictures)</td>
<td>12 cm</td>
<td>Approx. 4 hours (single sided disc)</td>
</tr>
<tr>
<td>DVD video discs</td>
<td>Audio + Video (moving pictures)</td>
<td>8 cm</td>
<td>Approx. 8 hours (double sided disc)</td>
</tr>
<tr>
<td>DVD video discs</td>
<td>Audio + Video (moving pictures)</td>
<td>8 cm</td>
<td>Approx. 80 minutes (single sided disc)</td>
</tr>
<tr>
<td>DVD video discs</td>
<td>Audio + Video (moving pictures)</td>
<td>12 cm</td>
<td>Approx. 160 minutes (double sided disc)</td>
</tr>
<tr>
<td>Video CDs</td>
<td>Audio + Video (moving pictures)</td>
<td>12 cm</td>
<td>Approx. 74 minutes (single sided disc)</td>
</tr>
<tr>
<td>Video CDs</td>
<td>Audio + Video (moving pictures)</td>
<td>8 cm</td>
<td>Approx. 20 minutes (single sided disc)</td>
</tr>
<tr>
<td>Audio CDs</td>
<td>Audio</td>
<td>12 cm</td>
<td>Approx. 74 minutes (single sided disc)</td>
</tr>
<tr>
<td>Audio CDs</td>
<td>Audio</td>
<td>8 cm</td>
<td>Approx. 20 minutes (single sided disc)</td>
</tr>
<tr>
<td>DivX®</td>
<td>Audio + Video (moving pictures)</td>
<td>12 cm</td>
<td>It depends on DivX® quality</td>
</tr>
<tr>
<td>DivX®</td>
<td>Audio + Video (moving pictures)</td>
<td>8 cm</td>
<td>It depends on DivX® quality</td>
</tr>
</tbody>
</table>

The following discs are also available.
- DVD-R/RW discs of DVD video format
- CD-R/CD-RW discs of CD-DA, Video CD, MP3, WMA, JPEG or DivX® format
- Kodak Picture CD and FUJICOLOR CD format

Some of these discs may be incompatible.

- You cannot play discs other than those listed above.
- You cannot play discs of DVD-RAM, DVD-ROM, CD-ROM, Photo CD, etc., or non-standardized discs even if they may be labeled as above.
- Some CD-R/RWs cannot be played back depending on the recording conditions.
- This unit uses the NTSC color system, and cannot play DVD video discs recorded in any other color system (PAL, SECAM, etc.).
- This unit can play an 8cm disc. Please do not use a disc adapter. It may cause trouble.
- Please do not insert any disc of an irregular shape into the unit, as it may interfere with the function of the unit. You may not be able to remove it.
- Please do not use after market accessories, such as a ring protector, as this may cause trouble with the operation of the unit.

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

If you happen to experience any difficulty playing a DVD and/or CD disc on the DVD player contained in this TV, please contact Toshiba Customer Service.

DVD is a trademark of DVD Format/Logo Licensing Corporation.
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Identification of controls

**Top**

**Front**

- Speaker
- Remote sensor
- POWER indicator
Identification of controls (Continued)

Side

Left Side
- S-VIDEO IN (LINE 1 IN) jack
- AUDIO IN (L/R) (LINE 1 IN) jacks
- VIDEO IN (LINE 1 IN) jack
- COAXIAL DIGITAL AUDIO OUT jack
- HEADPHONE jack
- CHANNEL (▲ / ▼) buttons
- VOLUME (+/-) buttons
- POWER (△) button

Right Side
- Disc slot
- EJECT (▲) button
- PLAY (►) button
- STOP (■) button

Adjusting the angle of the base
- Approx. 10° forward or for 10° backward from vertical angle.

You can adjust the angle of the TV-screen for 3° forward or for 10° backward from vertical angle. Hold the base of the TV while adjusting the angle.

Rear

- Antenna jack
- VIDEO IN (LINE 2 IN) jack
- ColorStream HD VIDEO IN (Y, Pb, Pr) jacks
- AUDIO IN (L/R) (LINE 2 IN) jacks
The instructions in this manual describe the function on the remote control. See the page in ______ for details.

*DVD MENU button
Use the DVD MENU button to display the menu included on many DVD video discs.
To operate a menu, follow the instructions in “DVD menu.”
Identification of controls (Continued)

Inserting batteries

1. Open the battery compartment cover in the direction of the arrow.
2. Install two “R03/AAA” batteries (supplied), paying attention to the polarity indicated in the battery compartment.
3. Replace the compartment cover.

Operation

- Aim the remote control at the remote sensor and press control buttons to operate.
- Operate the remote control within 30° angle on either side of the remote sensor, up to a distance of approx. 5 meters.

Caution:
- Never throw batteries into a fire.

Notes:
- Be sure to use AAA size batteries.
- Dispose of batteries in a designated disposal area.
- Batteries should always be disposed of with the environment in mind. Always dispose of batteries in accordance with applicable laws and regulations.
- If the remote control does not operate correctly, or if the operating range becomes reduced, replace batteries with new ones.
- When necessary to replace batteries in the remote control, always replace both batteries with new ones. Never mix battery types or use new and used batteries in combination.
- Always remove batteries from remote control if they are dead or if the remote control is not to be used for an extended period of time. This will prevent battery acid from leaking into the battery compartment.
**Antenna connections**

If you are using an indoor or outdoor antenna, follow the instructions below that correspond to your antenna system. If you are using a cable TV service (CABLE), see page 14 for Cable TV connections.

### Combination VHF/UHF antenna (Single 75 ohm cable or 300 ohm twin-lead wire)

Connect the 75 ohm cable from the combination VHF/UHF antenna to the antenna jack on the back of the TV/DVD.

If your combination VHF/UHF antenna has a 300 ohm twin-lead wire, use the 300-75 ohm matching transformer (not supplied).

### Combination VHF/UHF antenna (Separate VHF and UHF 300 ohm twin-lead wires)

Connect the UHF 300 ohm twin-lead wire to the combiner (not supplied). Connect the VHF 300 ohm twin-lead wire to the 300-75 ohm matching transformer (not supplied). Attach the transformer to the combiner, then attach the combiner to the antenna jack on the back of the TV/DVD.

### Separate VHF/UHF antennas (75 ohm VHF cable and 300 ohm UHF twin-lead wires)

Connect the VHF 75 ohm cable and UHF 300 ohm twin-lead wire to the combiner (not supplied). Attach the combiner to the antenna jack on the back of the TV/DVD.
Cable TV connections

This TV/DVD has an extended tuning range and can tune most cable channels without using a Cable TV converter box. Some cable companies offer “premium pay channels” in which the signal is scrambled. Descrambling these signals for normal viewing requires the use of a descrambler device which is generally provided by the cable company.

**For subscribers to basic cable TV service**

For basic cable service not requiring a converter/descrambler box, connect the Cable TV 75 ohm coaxial cable directly to the Antenna jack on the back of the TV/DVD.

**For subscribers to scrambled cable TV service**

If you subscribe to a cable TV service which requires the use of a converter/descrambler box, connect the incoming 75 ohm coaxial cable to the converter/descrambler box. Using another 75 ohm coaxial cable, connect the output jack of the converter/descrambler box to the antenna jack on the TV/DVD. Follow the connections shown below. Set the TV/DVD to the output channel of the converter/descrambler box (usually channel 3 or 4) and use the converter/descrambler box to select channels.

**For subscribers to unscrambled basic cable TV service with scrambled premium channels**

If you subscribe to a cable TV service in which basic channels are unscrambled and premium channels require the use of a converter/descrambler box, you may wish to use a signal splitter and an A/B Switch box (available from the cable company or an electronics supply store). Follow the connections shown below. With the switch in the “B” position, you can directly tune any nonscrambled channels on your TV/DVD. With the switch in the “A” position, tune your TV/DVD to the output of the converter/descrambler box (usually channel 3 or 4) and use the converter/descrambler box to tune scrambled channels.
Connecting to optional equipment

You can enjoy VCR, camcorder or TV game with connection to external input.

Using the audio/video inputs

Press INPUT to view a signal from another device connected to your TV, such as a VCR or DVD player. You can select ANT, VIDEO1 (on the left side), VIDEO2 (on the back panel) or ColorStream HD (on the back panel) depending on which input jacks you used to connect your devices.

Press INPUT on the remote control to display the current signal source. To change the input source, press INPUT again or press 0-3.

Connecting to a VCR

To playback from the VCR, connect the VCR to the TV/DVD as shown. Select the “VIDEO1” by pressing INPUT repeatedly.

To Audio/Video OUT

Audio/Video cable (not supplied)

Connecting to a camcorder

To playback from the VCR, connect the VCR to the TV/DVD as shown. Select the “VIDEO1” by pressing INPUT repeatedly.

To Audio/Video OUT

Audio/Video cable (not supplied)

Connecting to a TV Game

You can enjoy playing a TV game on the screen by adjusting to the suitable brightness for your eyes.

1. Connect a TV Game to the TV/DVD.
2. Select the “GAME” by pressing GAME.
   The GAME mode screen appears.  
   • This TV/DVD has the GAME mode function (see page 23).

Notes:
• You can also change the TV screen to the desired mode by pressing the CH / buttons.
• The TV/DVD can also be used as a display device for many video games. However, due to the wide variety of different types of signal generated by these devices and subsequent hook-up variations required, they have not all been included in the suggested connection diagrams. You’ll need to consult each component’s Owner’s Manual for additional information.
• Interactive video games that involve shooting a “gun” type of joystick at on-screen target may not work on this TV/DVD.
Connecting to optional equipment (Continued)

Connecting to an optional equipment with S-video output

If you connect a VCR with an S-VIDEO cable to the S-VIDEO IN jack on the left side of the TV/DVD, you must also connect the audio cables to the AUDIO IN (LINE 1 IN) jacks on the left side of the TV/DVD. The S-VIDEO cable only carries the video signal. The audio signal is separated. Select the “VIDEO1” by pressing INPUT repeatedly.

Ex. VCR with S-Video

<table>
<thead>
<tr>
<th>Left side (LINE 1 IN)</th>
<th>To S-VIDEO OUT</th>
<th>To Audio (L/R) OUT</th>
</tr>
</thead>
<tbody>
<tr>
<td>S-Video cable (not supplied)</td>
<td>Audio cable (not supplied)</td>
<td></td>
</tr>
</tbody>
</table>

Note: When the S-VIDEO cable and the standard video cable are connected at the same time, the S-video cable takes precedence.

Connecting an optional equipment with ColorStream® (Component video) output

Your TV/DVD is capable of using ColorStream® (component video). Connecting your TV/DVD to a component video compatible DVD player, such as a Toshiba DVD player with ColorStream® can greatly enhance picture quality and performance. Select the “ColorStream HD” by pressing INPUT repeatedly.

Ex. DVD player with Component video

<table>
<thead>
<tr>
<th>Rear lower right of the TV</th>
<th>To Component Video OUT</th>
<th>To Audio (L/R) OUT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Component video cable (not supplied)</td>
<td>Audio cable (not supplied)</td>
<td></td>
</tr>
</tbody>
</table>

When using the Component video cable, an Audio cable must be connected to AUDIO IN (L/R) (LINE 2 IN) jacks.

Notes:
• The ColorStream® inputs on this unit are for use with devices that output 480i, 1080i interlaced signals and 480p, 720p progressive signals.
• Refer to the owner’s manual of the connected equipment as well.
• When you connect the unit to other equipment, be sure to turn off the power and unplug all of the equipment from the wall outlet before making any connections.
• If you place the unit near a tuner or radio, the radio broadcast sound might be distorted. In this case, place the unit away from the tuner and radio.
You can enjoy high quality dynamic sounds by connecting the TV/DVD to optional audio equipment.

### Connecting to an amplifier equipped with a Dolby® Digital decoder

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

**Left side (LINE 1 IN)**

Amplifier equipped with a Dolby Digital decoder  
To COAXIAL type digital audio input

75 Ω coaxial cable (not supplied)

### Connecting to an amplifier equipped with a DTS® decoder

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

**Left side (LINE 1 IN)**

Amplifier equipped with a DTS decoder  
To COAXIAL type digital audio input

75 Ω coaxial cable (not supplied)
Connecting to optional equipment (Continued)/Power source

This section uses the following reference mark.

- : Front speaker
- : Center speaker
- : Rear speaker
- : Sub woofer
- : Signal flow

Connecting to an amplifier equipped with an MPEG audio decoder

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

Connecting to an amplifier equipped with a digital audio input

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

Note: PCM audio is limited to DVD or CD playback.

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

Power source

TO USE AC POWER SOURCE
Use the AC polarized line cord provided for operation on AC. Insert the AC cord plug into a standard 120V 60Hz polarized AC outlet.

Notes:
- Never connect the AC line cord plug to other than the specified voltage (120V 60Hz).
- If the AC cord plug does not fit into a non-polarized AC outlet, do not attempt to file or cut the blade. It is the user’s responsibility to have an electrician replace the obsolete outlet.
- If you cause a static discharge when touching the unit and the unit fails to function, simply unplug the unit from the AC outlet and plug it back in. The unit should return to normal operation.
- If the AC cord plug is plugged in for the first time, wait for approx. 5 seconds before pressing the POWER button.
Starting setup

The STARTING SETUP function helps to install your unit easily. It leads you the Language selection, TV/CABLE selection and auto channel memory automatically.

IMPORTANT: Make sure that the antenna or cable TV system connection is made!

1. To turn on the TV/DVD, press POWER. The Power indicator on the front of the main unit will light.

2. The starting setup function begins and the Language setup menu appears on the screen. Press ▲ or ▼ to select your desired language, then press ENTER.

3. Press ▲ or ▼ to select “TV” or “CABLE”, then press ENTER.

4. Press ▲ or ▼ to select “START”, then press ENTER.

5. Now the “CH PROGRAM” starts.

After the starting setup is completed, the TV channel appears on the screen.

Notes:
- The starting setup function will work only when you press POWER for the first time.
- The process of “CH PROGRAM” may take 15 to 30 minutes to complete, depending on your regional cable service.
- If you press EXIT/CANCEL in the process of “CH PROGRAM”, starting setup function is canceled.
Setting the language

This TV/DVD can display the on screen language in English, Spanish or French in the TV mode. Select the language you prefer first, then proceed with the other menu options.

### Setting the language

1. Press MENU in the TV mode, then press ◄ or ► to display the “SETUP” menu.

2. Press ▲ or ▼ to select “LANGUAGE”, then press ◄ or ► to select the desired language: English (ENGLISH), Spanish (ESPAÑOL) or French (FRANÇAIS), then press ENTER.

3. Press EXIT/CANCEL to clear the menu screen.

Notes:
- If the unit does not operate properly, or No key operation (by the unit and/or the remote control): Static electricity, etc., may affect the TV/DVD’s operation. In such case, disconnect the AC cord once, then connect it again.
- The TV section has its own menu and DVD section also has its own menu (14).
To memorize channels

This TV/DVD is equipped with a channel memory feature which allows channels to skip up or down to the next channel set into memory, skipping over unwanted channels. Before selecting channels, they must be programmed into the TV/DVD’s memory. To use this TV/DVD with an antenna, set the TV/CABLE selection to the TV position. When shipped from the factory, this selection is in the CABLE position.

**TV/CABLE selection**

1. Press MENU in the TV mode, then press ▼ or ► to display the “SETUP” menu.

2. Press ▲ or ▼ to select “TV/CABLE”.

3. Press ▼ or ► to select “TV” or “CABLE”.

4. Press EXIT/CANCEL to clear the menu screen.

**To ADD/ERASE channels**

1. Press MENU in the TV mode, then press ▼ or ► to display the “SETUP” menu. Press ▲ or ▼ to select “ADD/ERASE”.

2. The “ADD/ERASE” menu will appear. Press ▲ or ▼ to select “ADD/ERASE”, then press ▼ or ►.

3. Press ▲ or ▼ to select the channel you want and then press ▼ or ► to select “ADD” or “ERASE”.

4. Repeat steps 3 for other channel you want to add or erase.

5. Press EXIT/CANCEL to clear the menu screen.

**Automatic memory tuning**

Press MENU in the TV mode, then press ▼ or ► to display the “SETUP” menu. Press ▲ or ▼ to select the “CH PROGRAM”, then press ▼ or ►.

The TV will begin memorizing all the channels available in your area.

To add a digital channel you are watching:

Select a channel you want to add. Then select “ADDING CHANNEL” in step 2, then press ▼ or ►.
**TV operation**

1. **To turn on the TV/DVD, press POWER.** The power indicator on the front of the main unit will light.

2. **Adjust the volume level by pressing VOL +/-**. The volume level will be indicated on the screen by white bars. As the volume level increases, so do the number of bars. If the volume decreases, the number of white bars also decreases.

3. **Set the TV/CABLE selection to the appropriate position.**

4. **Press direct channel selection (0–9, 100/-) or CH or V to select the channel.**

**Notes:**
- If a channel with no broadcast is selected, the sound will automatically be muted.
- Digital channels may be represented by channel numbers that include a “dash” (e.g., 85–002). These digital channel numbers may not match the numbers in the channel line-up provided by your cable company. This is not a malfunction.
TV operation

■ DISPLAY
Press DISPLAY to display the information on the TV screen. To cancel the display, press DISPLAY again.

(Digital channel)

<table>
<thead>
<tr>
<th>Channel</th>
<th>Program Title</th>
<th>Sub-Title</th>
<th>Audio</th>
<th>Status</th>
<th>V-Chip</th>
<th>Parental Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>31-003</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(Among channel)

<table>
<thead>
<tr>
<th>Channel</th>
<th>Program Title</th>
<th>Sub-Title</th>
<th>Audio</th>
<th>Status</th>
<th>V-Chip</th>
<th>Parental Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>51</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

■ CH RETURN
This button allows you to go back to the last channel selected by pressing CH RTN. Press CH RTN again to return to the last channel you were watching.

■ MUTE
Press MUTE to switch off the sound. The TV/DVD’s sound will be silenced and “MUTE” will appear briefly on the screen. The sound can be switched back on by pressing this button again or VOL +/-.

■ SLEEP
To set the TV/DVD to turn off after a preset amount of time, press SLEEP on the remote control. The clock will count up 10 minutes for each press of SLEEP (OFF, 0h10m,... 1h50m, 2h00m). After the sleep time is programmed, the display will appear briefly every ten minutes to remind you that the sleep timer is operating. To confirm the sleep timer setting, press SLEEP and the remaining time will be displayed for a few seconds. To cancel the sleep timer, press SLEEP repeatedly until the display turns to OFF.

■ GAME MODE
After connecting a TV Game to the unit (see page 15), press GAME. The TV screen changes to the Game mode.

- The Game mode screen is adjusted to the suitable brightness for your eyes.
- If GAME is pressed during standby mode, the unit turns on automatically and the Game mode screen appears on the screen.
- Interactive video games that involve shooting a “gun” type of joy-stick at an on-screen target may not work on this TV/DVD.

■ HEADPHONES
Insert a stereo headphones (not supplied) with a 1/8" mini plug into the HEADPHONE jack on the front panel. If you connect headphones, the sound from TV speakers is muted.
Programming your favorite channels

You can preset up to 12 of your favorite channels using the Favorite Channel Programming feature. Because this feature scans through only your favorite channels, it allows you to skip other channels you do not normally watch.

You can still use CH \( \downarrow / \uparrow \) to scan through all the channels you programmed in the TV's memory or the Channel Numbers to directly tune a channel.

To program your favorite channels

1. Press TV/DVD to select the TV mode, then select a channel you want to program.
2. Press MENU, then press \( \downarrow \) or \( \uparrow \) to display the “OPTION” menu.
3. Press \( \uparrow \) or \( \downarrow \) to display the “FAVORITE CH” menu. SET/CLEAR will be highlighted.
4. Press \( \downarrow \) or \( \uparrow \) to highlight “SET” and press ENTER.
5. Press EXIT/CANCEL to return to normal viewing.

Note:
Repeat steps 1-5 for up to 12 channels.

To clear your favorite channels

1. Press TV/DVD to select the TV mode, then select a channel you want to clear.
2. Press MENU, then press \( \downarrow \) or \( \uparrow \) to display the “OPTION” menu.
3. Press \( \uparrow \) or \( \downarrow \) to display the “FAVORITE CH” menu. SET/CLEAR will be highlighted.
4. Press \( \downarrow \) or \( \uparrow \) to highlight “CLEAR”.
5. Press ENTER until “0” replaces the channel number you want to erase.
6. Press EXIT/CANCEL to return to normal viewing.

To select your favorite channels

Press the FAV \( \uparrow / \downarrow \) buttons on the remote control to select your favorite channels. The FAV \( \uparrow / \downarrow \) buttons will not work until you have programmed you favorite channels.

Note:
Repeat steps 1-6 for the other channels.
Setting the closed captions (analog caption/digital caption)

WHAT IS CLOSED CAPTIONING?
This television has the capability to decode and display closed captioned television programs. Closed captioning will display text on the screen for hearing impaired viewers or it will translate and display text in another language.

To set the analog caption

1. Press MENU in the TV mode, then press ▼ or ▲ to display the “SETUP” menu.
2. Press ▲ or ▼ to highlight “ANALOG CAPTION”.
3. Press ▼ or ▲ to select the desired Closed Caption mode.
   - To view captions, select C1 or C2 (C1 displays translation of the primary language in your area.)
   - Note: If the program or video you selected is not closed captioned, no captions will display on-screen.
   - To view text, select T1 or T2.
4. Press EXIT/CANCEL to return to normal viewing.

Notes:
- You can also display the ANALOG CAPTION menu screen by pressing CLOSED CAPTION on the remote control.
- Digital caption feature is not available for analog channel.

Important Note:
If text is not available in your viewing area, a black rectangle may appear on-screen. If this happens, set the Closed Caption feature to OFF.

To set the digital caption

1. Press MENU in the TV mode, then press ▼ or ▲ to display the “SETUP” menu.
2. Press ▲ or ▼ to highlight “DIGITAL CAPTION”.
3. Press ▼ or ▲ to select the desired Closed Caption mode.
4. Press EXIT/CANCEL to return to normal viewing.

You can choose from CS1, CS2, CS3, CS4, CS5, CS6 and OFF.
**Setting the CC advanced**

This feature is designed to customize digital captions only.

To set the CC advanced feature:

1. Press MENU in the TV mode, then press \(\text{ or }\) to display the “SETUP” menu.
2. Press \(\text{ or }\) to highlight “CC ADVANCED”, then press \(\text{ or }\).
3. Press \(\text{ or }\) to select the desired item to adjust, then press \(\text{ or }\).
4. Press \(\text{ or }\) to select the desired setting, then press ENTER.
5. Press EXIT/CANCEL to return to normal viewing.

You can select from among the following items and parameters:

**TEXT SIZE:** AUTO, SMALL, STANDARD, LARGE

**TEXT TYPE:** AUTO, DEFAULT, MONO W. SERIF, PROP. W. SERIF, MONO W/O SERIF, PROP. W/O SERIF, CASUAL, OCURSIVE, SMALL CAPITALS

**TEXT COLOR:** AUTO, BLACK, WHITE, RED, GREEN, BLUE, YELLOW, MAGENTA, CYAN

**TEXT EDGE:** AUTO, NONE, RAISED, DEPRESSED, UNIFORM, LEFT DROP SHADOW, RIGHT DROP SHADOW

**BACKGROUND COLOR:** AUTO, BLACK, WHITE, RED, GREEN, BLUE, YELLOW, MAGENTA, CYAN

**Note:**

It is impossible to select the same color with TEXT COLOR and BACKGROUND COLOR.
Setting the V-Chip

An age limitation can be set to forbid children to see and hear violent scenes or pictures for adults, etc. The TV/DVD corresponds to “TV RATING” and “MOVIE RATING”. To use the V-Chip function, you must register a password.

Notes:
If you forget the password, press DISPLAY four times within five seconds while the TV is in password entering mode. This allows you to reset your password.

To register password
1. Press MENU in the TV mode, then press or to display the “LOCKS” menu.
2. Press or . New password entering screen appears.
3. Enter the password (4 digits) using Number buttons (0–9), then press ENTER.
4. Enter the password (4 digits) using Number buttons (0–9) again for the safety, then press ENTER.

To change password
1. Repeat steps 1 ~ 3 in “To register password” on left, then press or to select “NEW PASSWORD”, then press or .
2. Enter the new password using Number buttons (0–9), then press ENTER.
3. Enter the same password again using Number buttons (0–9) for safety, then press ENTER.
4. Press EXIT/CANCEL to clear the menu screen.

Note:
The V-Chip feature is available only for the U.S. V-Chip system. The Canadian V-Chip system is not supported.
Setting the V-Chip (Continued)

To set the V-Chip

1. Repeat steps 1 ~ 3 in "To register password" on page 27, then press ▲ or ▼ to highlight "V-CHIP SET".

2. Press ◄ or ► to display “V-CHIP” menu.

3. Press ◄ or ► to select the desired rating.
   - OFF: TV RATING is not set
   - TV-Y: All children
   - TV-Y7: 7 years old and above
   - TV-G: General audience
   - TV-PG: Parental guidance
   - TV-14: 14 years old and above
   - TV-MA: 17 years old and above

When you select TV-Y, TV-PG, TV-14 or TV-MA, press DISPLAY to show the contained rating. Press ▲ / ▼ / ◄ / ► to select the desired item you want.

4. Press ▲ or ▼ to select “MOVIE RATING”, then press ◄ or ►.

5. Press ▲ or ▼ to select the desired rating, then press ◄ or ► to select “ON” or “OFF”. Press ENTER twice.

6. Press ▲ or ▼ to select “V-CHIP”.

7. Press ◄ or ► to highlight “ON”. Now your settings are set into the memory.

8. Press EXIT/CANCEL to clear the menu screen.

To use after the TV is protected

When you try to view a program with a ratings block, a message will appear listing the program’s ratings. The program can still be viewed if you press MUTE and then enter your password to temporarily bypass the block.

Note:
The V-Chip function is activated only on programs that have the rating signal.
As a supplement to the standard V-Chip rating system, your Toshiba Television will be able to download an additional rating system, if such a system becomes available in the future.

To download the additional V-Chip rating system (when available)

1. Repeat steps 1~3 in “To register password” on page 27, then press ▲ or ▼ to highlight “V-CHIP SET (DTV)”, then press ◄ or ►. (You cannot select this feature if the TV is not receiving a digital signal for the current station.)

2. If the TV is not storing the additional rating system, the TV will begin downloading it, which may take some time to be completed.

3. Press ▲ or ▼ to select “RRT SET”, then press ◄ or ►, and set your preferred content rating limits for the additional rating system.

PLEASE NOTE THE FOLLOWING:
• You can only download the additional V-Chip rating system when your TV is receiving a digital signal.
• When you download the additional rating system, it may take some time for the download to occur.
• The V-Chip rating information and system are not determined or controlled by the TV or Toshiba.
• The standard V-Chip rating system is available whether your TV is receiving a digital signal or not, and will block both analog and digital programs. To set program blocking using the standard V-Chip rating system, select V-CHIP SET in step 1 above (see page 28 for details).

The downloadable V-Chip rating system is an evolving technology, and availability, content, and format may vary.
**Viewing the wide-screen picture formats**

You can view programs in a variety of picture sizes—NATURAL (4:3), COMPRESSION (16:9), ZOOM. The way the image displays in any of the picture sizes will vary depending on the format of the program you are viewing. Select the picture size that displays the current program the way that looks best to you.

### To select the picture size

1. Press TV/DVD to select the TV mode.

2. Press PIC SIZE on the remote control.

3. Press the corresponding number button (0-2) or ▲/▼ button to select the desired picture size, as described on the right and on page 31.

### About the picture size

Press PIC SIZE repeatedly on the remote control to cycle among the three picture sizes, as described below.

- **NATURAL (4:3) picture size**
  - If receiving a 4:3 format (analog or digital) program, select NATURAL. PIC SIZE will typically display the image in its original formatted proportion.
  - If receiving a 16:9 format (analog or digital) program, select NATURAL. PIC SIZE will typically display the image stretched taller (squeezed.).
About the picture size

COMPRESS (16:9) picture size
• If receiving a 4:3 format (analogue or digital) program, select COMPRESSION PIC SIZE will typically display the image stretched wider with bars at the top and bottom.

ZOOM picture size (for 16:9 format programs)
• If receiving a 16:9 format (analogue or digital) program, select ZOOM PIC SIZE will typically enlarge the image, retaining the original formatted proportion, but with the sides edges hidden.
Selecting the cinema mode

When you view a DVD movie (3:2 pulldown processed) smoother and more natural motion can be obtained by setting the CINEMA MODE to FILM.
If you view a DVD movie from a DVD player connected to the ColorStream (component video) inputs on the TV/DVD, the CINEMA MODE feature may not work. This is not a malfunction.

To set the CINEMA MODE

1. Press MENU in the TV mode, then press ◀ or ▶ to display the “SETUP” menu.

2. Press ▲ or ▼ to highlight “CINEMA MODE”.

3. Press ◀ or ▶ to select “FILM” or “VIDEO”.

4. Press EXIT/CANCEL to return to normal viewing.
Picture control adjustment

Adjusting the picture mode

Picture controls are factory preset but you can adjust them individually as follows:
And also you can select four picture modes—Sports, Standard, Movie, and Memory—as described in the following table:

Press MENU in the TV mode, then press ► or ◄ to display the “PICTURE” menu.

Press ► or ◄ to select “MODE”, then press ◄ or ► to select the desired picture mode.

Press EXIT/CANCEL to clear the menu screen.

To adjust the picture mode

Press MENU in the TV mode, then press ◄ or ► to display the “PICTURE” menu.

Press ► or ◄ to select “MODE”, then press ◄ or ► to select the desired picture mode.

Press EXIT/CANCEL to clear the menu screen.

To return your picture adjustments to the factory preset levels
Press ◄ or ► to select “RESET”, then press ◄.

The RESET function returns your picture quality adjustments to the following factory settings:

Mode .................. sports
Brightness ................. center (25)
Contrast ................ max (50)
Color ..................... center (25)

Tint ...................... center (0)
Sharpness ............... center (25)
Color temperature ...... cool

Note:
The CONTRAST default setting is set to maximum (+50) at the factory.

Note:
You cannot select “MODE” in the Game mode.
Using the CableClear® feature / Selecting the color temperature

CableClear® reduces visible interference in your TV picture. This is useful when receiving a broadcast with a weak signal (especially a Cable channel) or playing a video cassette or disc damaged by repeated use.

Change the picture quality by selecting from three preset color temperatures—cool, medium or warm.

To use the CableClear® feature

1. Press MENU in the TV mode, then press ▼ or ► to display the “PICTURE” menu.

2. Press ▲ or ▼ to highlight “Cable Clear”.

3. Press ▼ or ► to highlight “ON” or “OFF”.

4. Press EXIT/CANCEL to return to normal viewing.

To use the color temperature

1. Press MENU in the TV mode, then press ▼ or ► to display the “PICTURE” menu.

2. Press ▲ or ▼ to select “COLOR TEMPERATURE”.

3. Press ▼ or ► to select the desired color mode.

4. Press EXIT/CANCEL to clear the menu screen.

Mode | Picture quality
---|---
COOL | Bluish
MEDIUM | Neutral
WARM | Reddish

Note:
You cannot select “COLOR TEMPERATURE” in the Game mode.
Sound control adjustment

Stereo and Second Audio Program (SAP)

Sound controls are factory preset but you can adjust them individually as follows:
The TV/DVD is equipped with a feature known as multi-channel TV sound or MTS. MTS broadcasts greatly enhance TV viewing by bringing you programs with high fidelity stereo sound.
MTS also provides an extra channel called the Second Audio Program or SAP which broadcasters can use to transmit a second language for bilingual transmission or for other purposes.

Sound control adjustment

1. Press MENU in the TV mode, then press ▲ or ▼ to display the “AUDIO” menu.

2. Press ▲ or ▼ to select the item you want to adjust, then press ▲ or ▼ to adjust the setting.

   - MTS: Press ▲ or ▼ to select “STR” (STEREO), “SAP” or “MONO”.
   - BASS: Press ▲ or ▼ to adjust the bass sound.
   - TREBLE: Press ▲ or ▼ to adjust the treble sound.
   - BALANCE: Press ▲ or ▼ to obtain an equal sound level from both speakers.
   - STABLE SOUND: Press ▲ or ▼ to select “ON” or “OFF”.
     - ON: The StableSound® feature limits the highest volume level to prevent extreme changes in volume when the signal source is changed.
     - OFF: Normal sound.
   - SURROUND: Press ▲ or ▼ to select “ON” or “OFF”.
     - ON: The dynamic presence and sound created offers a thoroughly enjoyable listening experience.
     - OFF: Normal sound.

3. Press EXIT/CANCEL to clear the menu screen.

To return BASS/TREBLE/BALANCE control adjustments to the factory preset levels
Press ▲ or ▼ to select “RESET”, then press ▼.
The RESET function returns your audio adjustments to the following factory settings:
- Balance ............... center (0)

Listening to stereo sound

Repeat step 1 in “Sound control adjustment” on left, then press ▲ or ▼ to select “MTS”. Then press ▲ or ▼ to select “STR”.
You can enjoy stereo sound from the left and right speakers.

- If the broadcast signal is not strong enough or clear stereo sound is not available, select “MONO”. The noise should be eliminated.

Listening to SAP (Second Audio Program)

Repeat step 1 in “Sound control adjustment” on left, then press ▲ or ▼ to select “MTS”. Then press ▲ or ▼ to select “SAP”.

- Press ▲ or ▼ to select “STR” (STEREO), “SAP” or “MONO”.
- BASS: Press ▲ or ▼ to adjust the bass sound.
- TREBLE: Press ▲ or ▼ to adjust the treble sound.
- BALANCE: Press ▲ or ▼ to obtain an equal sound level from both speakers.
- STABLE SOUND: Press ▲ or ▼ to select “ON” or “OFF”.
  - ON: The StableSound® feature limits the highest volume level to prevent extreme changes in volume when the signal source is changed.
  - OFF: Normal sound.
- SURROUND: Press ▲ or ▼ to select “ON” or “OFF”.
  - ON: The dynamic presence and sound created offers a thoroughly enjoyable listening experience.
  - OFF: Normal sound.
TV operation

Selecting the audio languages/
Selecting the digital output

To select the audio languages
When two or more audio languages are included in a digital signal, you can select one of the audio language.

1 Press MENU in the TV mode, then press ◄ or ► to display the “AUDIO” menu.

2 Press ▲ or ▼ to select “AUDIO LANGUAGE”, then press ►.

3 Press ▲ or ▼ to select your desired language.

4 Press EXIT/CANCEL to clear the menu screen.

Note:
Audio language feature is not available for analog channel.

To select the digital output
Use this feature to select the digital audio output format when you connect a Dolby Digital decoder or other digital audio system to the coaxial digital audio output on the TV.

1 Press MENU in the TV mode, then press ◄ or ► to display the “AUDIO” menu.

2 Press ▲ or ▼ to select “DIGITAL OUTPUT”.

3 Press ◄ or ► to select “PCM” or “DOLBY DIGITAL”.

4 Press EXIT/CANCEL to clear the menu screen.

Notes:
- Digital output feature is available for only digital channel.
- Digital audio output is effective for only digital source (digital channel or DVD playback).
Checking the signal meter/
Using the auto shut off feature

To check the signal meter

You can check the strength of the digital signal by viewing the digital signal meter.

1. Press MENU in the TV mode, then press ▼ or ▲ to display the “SETUP” menu.

2. Press ▲ or ▼ to highlight “SIGNAL METER”.

3. Press ▼ or ▲ to check the digital signal strength.

4. Press EXIT/CANCEL to return to the normal screen.

To use the auto shut off feature

In case of “AUTO SHUT OFF” is “ON”, if a station being viewed stops broadcasting, the TV will automatically shut itself off after 15 minutes.

1. Press MENU in the TV mode, then press ▼ or ▲ to display the “SETUP” menu.

2. Press ▲ or ▼ to highlight “AUTO SHUT OFF”.

3. Press ▼ or ▲ to highlight “ON”.

4. Press EXIT/CANCEL to return to the normal screen.

Notes:

• Signal meter feature is not available for analog channels.
• After approximately 4 minutes, SIGNAL METER screen will return to normal TV-operation automatically.
• When you select a vacant channel, the signal meter may react.
Basic playback

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

CAUTION
Keep your fingers well clear of the disc slot when disc is loading or unloading. Neglecting to do so may cause serious personal injury.

Basic playback

Preparations:
- When connecting to other equipment, turn the power off.

1 Press POWER on the unit or on the remote control to turn on the unit.
The Power indicator on the front of the main unit will light.
- Every time you press POWER, the TV/DVD starts from TV mode.
- When using an amplifier, switch on the amplifier.

2 Press TV/DVD on the remote control to select DVD mode.
The DVD startup screen will appear on the TV screen.

3 Load a disc in the disc slot.
Load the disc in the disc slot with the label side facing forward. (If the disc has a label.) Hold the disc without touching either of its surfaces, align it with the guides, and place it in position.

4 On the TV screen, “■” changes to “Reading” and then playback commences.
A menu screen will appear on the TV screen if the disc has a menu feature.
Press ▲ / ▼ or ◄ / ► on the remote control to select title, then press ENTER. Title is selected and play commences.

5 Press VOLUME + or – to adjust the volume.

6 Press STOP to end playback.

- Resuming facility
  - The unit records the stopped point, depending on the disc.
  - “■” appears on the screen.
  - Press PLAY to resume playback (from the scene point).
- If you press STOP again (“■” appears on the TV screen.), the unit will clear the stopped point.

- To start playback in the stop mode
  Press PLAY.

Note:
If the unit does not operate properly:
Static electricity, etc., may affect the TV/DVD’s operation. In such case, disconnect the AC cord, then connect it again.
To obtain a higher quality picture
Occasionally, some picture noise may appear on the TV screen while playing a DVD video disc because the high resolution pictures on these discs include a lot of information. In such case, you may reduce the SHARPNESS with the Picture control adjustment menu (see page 33).

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

Basic playback

To pause playback (still mode)
Press PAUSE during playback.

To resume normal playback, press PLAY.
- The sound is muted during still mode.

To stop playback
Press STOP.

To remove the disc
Press EJECT.
Remove the disc after the disc comes out.

Notes:
- If a non-compatible disc is loaded, “Incorrect Disc”, “Region Code Error” or “Parental Error” will appear on the TV screen according to the type of loaded disc. In this case, check your disc again (see pages 7 and 58).
- Some discs may take a minute or so to start playback.
- When you set a single-faced disc label downwards (ie. the wrong way up), “Reading” will appear on the display for a few minutes and then “Incorrect Disc” will continue to be displayed.
- Some discs may not work the resuming facility.
- Resuming cannot function when you play a PBC-featured Video CD while the PBC is on. To turn off the PBC, see page 47.
- Some playback operations of DVDs may be intentionally fixed by software producers. Since this unit plays DVDs according to the disc contents the software producers designed, some playback features may not be available. Also refer to the instructions supplied with the DVDs.
- Do not move the unit during playback. Doing so may damage the disc.
- Use the EJECT button to unload and eject the disc.
- Do not put any objects other than discs on the disc slot. Doing so may cause the unit to malfunctions.
- There may be a slight delay between the button is pressed and the function activates.
Basic playback

Playing a disc (Continued)

Playing in fast reverse or fast forward directions
Press REV or FF during playback.

<table>
<thead>
<tr>
<th>REV</th>
<th>FF</th>
</tr>
</thead>
<tbody>
<tr>
<td>↔</td>
<td>▶</td>
</tr>
</tbody>
</table>

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

To resume normal playback
Press PLAY.

Notes:
- The TV/DVD mutes sound during reverse and forward scan of DVD and Video CD discs. However, the TV/DVD plays sound during fast forward or fast reverse play of audio CDs.
- The playback speed may differ depending on the disc.

Playing frame by frame
Press PAUSE during still playback.

| PAUSE |
| ⏸ |

Each time you press PAUSE, the picture advances one frame.

To resume normal playback
Press PLAY.

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

Playing in slow-motion
Press SLOW (REVERSE) or (FORWARD) during playback.

| SLOW |
| ⏸ |

Each time you press the button, the slow-motion speed changes.

To resume normal playback
Press PLAY.

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

Locating a chapter or track
Press SKIP ( ) or ( ) repeatedly to display the chapter or track number you want.

Playback starts from the selected chapter or track.

To locate succeeding chapters or tracks.

Playback starts from the beginning of the current chapter or track. When you press twice in quick successions, playback starts from the beginning of the preceding chapter or track.

Note:
A “Prohibition” symbol “X” may appear at the upper right of the screen. This symbol means either the feature you tried is not available on the disc, or the TV/DVD cannot access the feature at this time. This does not indicate a problem with the TV/DVD.
Advanced playback

Zooming/Locating desired scene

Zooming
This unit will allow you to zoom in on the frame image. You can then make selections by switching the position of the frame.

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

2. Press ▲/▼/◄/► to view a different part of the frame.
   You may move the frame from the center position to UP, DOWN, LEFT or RIGHT direction.

3. In the zoom mode, press ZOOM repeatedly to return to a 1:1 view (Off).

Notes:
- You can select the Pause, Slow or Search playback in the zoom mode.
- Some discs may not respond to zoom feature.

Locating desired scene
Use the title, chapter and time recorded on the DVD disc to locate the desired point to playback. In the case of VCD/Audio CD discs, time and track are used to locate the desired point to playback.

To check the title, chapter/track and time, press DISPLAY.

1. Press JUMP during playback or resume stop mode.

2. Press ▲ or ▼ to select the “Time”, “Title/Track” or “Chapter”.

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

   - If you input a wrong number, press EXIT/CANCEL.
   - Refer to the package supplied with the disc to check the numbers.

4. Press ENTER. Playback starts.
   - When you change the title, playback starts from Chapter 1 of the selected title.
   - Some discs may not work in the above operation.

Note:
In case of the Video-CD playback with PBC, the JUMP does not work. To turn off PBC, see page 47.
Marking desired scenes

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

Marking the scenes

1. Press MARKER during playback.

2. Select the blank Marker using ▲ or ▼. Then press ENTER to mark the desired scene.
   - Repeat this procedure to mark the other 2 scenes.

3. Press MARKER to clear the display.

Returning to the scenes

1. Press MARKER during playback or stop mode.

2. Press ▲ or ▼ to select the Marker 1-3.

3. Press ENTER.
   - Playback starts from the marked scene.

Notes:
- Some discs may not work with the marking operation.
- The marking is canceled when you eject the disc or turn the power off.
- Some subtitles recorded around the marker may fail to appear.
- In case of Video CD with PBC, Marker function is prohibited.
- Marker function does not work with MP3/WMA/JPEG/DivX CD.

To cancel the Marker
Follow the above steps 1–2, then press EXIT/CANCEL.
Repeat playback/A-B Repeat playback

Repeat playback

1. Press PLAY MODE during playback or stop mode.

2. [DVD]
   Press ENTER repeatedly to select “Chapter” or “Title”.
   The unit automatically starts repeat playback after finishing the current title or chapter.

   [Video CD]
   Press \ to select “Repeat”. Press ENTER repeatedly to select “Track” or “All”.
   The unit automatically starts repeat playback after finishing the current track.

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

3. Press PLAY MODE again to clear the screen.

To resume normal playback
Select Repeat : “Off” in step 2.

Notes:
• Some discs may not work with the repeat operation.
• In case of Video CD with PBC, Repeat function is prohibited during playback.
• Chapter/Track repeat function is canceled whenever SKIP \ or \ is pressed.

A-B Repeat playback

1. Press REPEAT A-B during playback.
   The start point is selected.

2. Press REPEAT A-B again.
   The end point is selected. Playback starts at the point that you selected. Playback stops at the end point and returns to Point A automatically, then starts again.

To resume normal playback
Press REPEAT A-B again.
“Off” appears on the screen.

Notes:
• In A-B Repeat mode, subtitles near the A or B locations may not be displayed.
• You cannot set the A-B Repeat for the scenes that include multiple angles.
• A-B Repeat playback does not work when Repeat playback is activated.
• You may not be able to set A-B Repeat during certain scenes of the DVD.
• A-B Repeat does not work with an interactive DVD, MP3/WMA/JPEG CD.
• In case of Video CD with PBC, A-B Repeat is prohibited.
Program playback/Random playback

You can arrange the playback order of tracks on the disc. And the unit can also select tracks at random and playback them. These features work for Video CD.

For Audio CD and MP3/WMA CD, please see “Random playback (CD)” [52] and “Program playback (CD)” [59].

Program playback

1. Press PLAY MODE in the stop mode.

2. Press ▲ or ▼ to select “Mode”, then press ENTER repeatedly to select “Program”.

3. Press ◀/▶ to select the programming position. Press ▲/▼ and then use Number buttons (0–9) to input the track.
   - To program others, repeat this step.
   - If you input a wrong number, press EXIT/CANCEL.

4. Press ◀/▶ to return to the left column, then press ▲/▼ to select the “Program Playback” and press ENTER.

   The programs you selected will start to playback in order.
   - To resume normal playback, select Mode: “Off” in step 2.

   To change the program
   1. Select Mode to “Program” (as step 2), press ▲/▼/◀/▶ to select the track number you want to change, then press EXIT/CANCEL.
   2. Press Number buttons (0–9) to input the new track number.

   To clear the program one by one
   Select Mode to “Program”, press ▲/▼/◀/▶ to select the track number. Then press EXIT/CANCEL.

   To clear all the programs
   At the left column, press ▲/▼ to select “Clear Program”. Then press ENTER.

Notes:
- In playing back the Video CD with PBC, you cannot set Program playback.
- The program is canceled when you eject the disc or turn the power off.

Random playback

1. Press PLAY MODE during playback or stop mode.

2. Press ▲/▼ to select “Mode”, then press ENTER repeatedly to select “Random”.

3. Press PLAY.

   The Random Playback will start.

   - If you set “Random” during playback mode, Random playback will begin after the track that is currently being played has ended.
   - To resume normal playback, select Mode: “Off” in step 2.

Note:
In case of Video CD with PBC, you cannot set Random function during playback.
Changing angles/Title selection/DVD menu

**Changing angles**

When playing back a disc recorded with multi-angle facility, you can change the angle that you are viewing the scene from.

1. Press ANGLE during playback. The current angle will appear.

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

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

**Title selection**

Two or more titles are recorded on some discs. If the title menu is recorded on the disc, you can select the desired title.

1. Press TOP MENU during playback. Title menu appears on the screen.

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

3. Press ENTER or PLAY. The playback of the selected title will start.

Notes:
- Depending on the DVD, you may not be able to select the title.
- Depending on the DVD, a “title menu” may simply be called a “menu” or “title” in the instructions supplied with the disc.

**DVD menu**

Some DVDs allow you to select the disc contents using the menu. When you playback these DVDs, you can select the subtitle language and soundtrack language, etc. using the menu.

1. Press DVD MENU during playback. The DVD menu appears on the TV screen.
   - Press DVD MENU again to resume playback at the scene when you pressed DVD MENU.

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

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

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

Changing soundtrack language/Subtitles

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

1. Press AUDIO SELECT during playback. The current soundtrack language will appear.

2. Press AUDIO SELECT repeatedly until the desired language is selected.
   - The on screen display will disappear after a few seconds.

**Subtitles**
When playing back a disc recorded with subtitles, you can select the subtitle language or turn the subtitle off.

1. Press SUBTITLE repeatedly during playback until the desired language is selected.

2. To turn off the subtitle, press SUBTITLE until “Off” appears.
   - The on screen display will disappear after a few seconds.

**Notes:**
- Depending on the DVD, you may not be able to change subtitles, or to turn subtitles on or off.
- While playing a DVD, the subtitle may change when you loaded or eject the disc.
- In some cases, a selected subtitle language may not be changed immediately.

In case of Video CD playback
Audio type changes as follows each time you press AUDIO SELECT.

Notes:
- If the desired language is not heard after pressing the button several times, the language is not recorded on the disc.
- The selected soundtrack language is canceled when you eject the disc. The initial default language or available language will be heard if the disc is played back again.
- If you select DTS in playing DTS-encoded disc, no sound will be heard from the TV/DVD’s speakers.
Disc status/To turn off the PBC

With press of DISPLAY, the status of the disc will appear on the screen.
To cancel the display, press DISPLAY again.

1 Press PLAY MODE in the stop mode.

2 Press ▲▼ to select “Mode”, then press ENTER repeatedly until “Off” appear.

3 Press PLAY MODE again to clear the screen.

To turn on the PBC
Follow the above steps 1–2, then press ENTER repeatedly until “PBC” appear.

Note:
You can also turn off the PBC by pressing number button 1 and ENTER in the stop mode.
MP3/WMA/JPEG/DivX® and Audio CD operation

This player can playback the MP3/WMA/JPEG/DivX®-data which has been recorded on CD-R or CD-RW. To produce the MP3/WMA/JPEG/DivX®-data, you need a Windows-PC with CD-RW drive and a MP3/WMA/JPEG/DivX®-encoding Software (not supplied). The Apple-HFS-System cannot be played.

This player requires discs/recordings to meet certain technical standards in order to achieve optimal playback quality. There are many different types of recordable disc formats (including CD-R containing MP3/WMA files). Not all recordable discs will produce optimal playback quality. The technical criteria set forth in this owner’s manual are meant only as a guide. Use of CD-RW for MP3 files is not recommended.

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Audio CD/MP3/WMA/JPEG/DivX® CD information

Limitations on MP3/WMA/JPEG/DivX® CD playback
• MP3/WMA/JPEG/DivX® CD is the disc that is standardized by ISO9660, its file name must include 3-digits extension letters, “.mp3”, “.wma”, “.jpg”, “.div”, “.divx”, “.avi”.
• MP3/WMA/JPEG/DivX® CD must be corresponded to the ISO standardized files.
• This unit can read 600 files per directory. If one directory has more than 600 files, it reads up to 600 files, the remaining files will be omitted.
• The unit is able to recognize up to a maximum of 50 directories per disc.
• MP3/WMA/JPEG/DivX® CDs cannot be used for the purpose of recording.
• If the CD has both CDA audio tracks and MP3/WMA/JPEG/DivX® files, only the CDA audio tracks will be played.
• It may take more than one minute for this unit to read MP3/WMA/JPEG/DivX® files depending on its structure.
• Music recorded by “Joliet Recording Specification” can be played back, the file name is displayed (within 15 letters) on the screen. Long file names will be condensed.
• The music files recorded by “Hierarchical File System” (HFS) cannot be played.

Limitations on display
• The maximum number for display is 15 letters.
  Available letters for display are the following: capital or small alphabets of A through Z, numbers of 0 through 9, and _ (under score).
• Other letters than those above are replaced in hyphen.

Notes on MP3/WMA/JPEG/DivX® files
To playback MP3/WMA/JPEG/DivX® CD in the recorded order,
1. Use MP3/WMA/JPEG/DivX® software that records data alphabetically or numerically.
2. Name each file including two-digit or three-digit number (ex. “01” “02” or “001” “002”).
3. Refrain from making too many sub-folders.

CAUTION:
• Some MP3/WMA/JPEG/DivX® CDs cannot be played back depending on the recording conditions.
• The CD-R/RW that has no music data or non MP3/WMA/JPEG/DivX® files cannot be played back.

Standard, sampling frequency and the bit rate:
MP3 CD
MPEG-1 Audio
32kHz, 44.1kHz, 48kHz
32kbps ~ 320kbps (constant bit rate or variable bit rate)
The recommend recording setting for a high-quality sound is 44.1kHz of sampling frequency and 128kbps of constant bit rate.
WMA CD
WMA version 7 and 8
32kHz/48kbps, 44.1kHz/48kbps–192kbps, 48kHz/128kbps–192kbps
The file recorded by mono, 48kHz, 48 kbps is not available to this unit.
DivX® video
DivX® version: DivX® 3, 4, 5, and 6 (specifically 3.1.1, 4.1.2, 5.0.2, 5.0.5, 5.1.1, 5.2.1, 6.0 at Home Theater profile).
Audio format: MPEG1 Layer2 (MP2), MPEG1 Layer3 (MP3)
Sampling frequencies: 32kHz, 44.1kHz, 48kHz
Bit rate: 32kbps ~ 320kbps
Resolution: Max 720 x 576 (at 25fps), Max 720 x 480 (at 30fps)

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**MP3/WMA CD playback**

1. Load a disc on which MP3 or WMA files have been recorded in the disc slot.
2. A file browser screen will appear on the screen.
3. Press ▲/▼ to select file.
   - In case the current directory includes more than 8 files, press ▲ or ▼ to scroll in the file list.
   - To see contents in folder, select the folder and then press ENTER. To return to the parent directory, select Go Up ... then press ENTER.
   - When PLAY is pressed after the file browser displayed, playback begins automatically starting from the first file. In this case, if the first file is an MP3/WMA file, only MP3/WMA files are played back in order. If the first file is a JPEG file, the first JPEG file is played back. If the first file is a DivX® file, the first DivX® file is played back. If there is no file at a root directory, playback does not begin automatically.
4. Press ENTER.
   - The selected file starts playing back.
5. Press STOP to end playback.
   - The unit records the stopped point. "□" appears on the TV screen. Press PLAY to resume playback (from the scene point).
   - If you press STOP again or unload the disc, the unit will clear the stopped point.

**About file menu**

- Operation status
- Scroll indicator
- Selected file name

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

**Notes:**
- During MP3/WMA/JPEG/DivX® Playback, you cannot use JUMP and A-B Repeat functions.
- You can use Repeat (Track or All), Random functions, and Program playback for Audio CD/MP3/WMA/JPEG/DivX® CD Playback.

**Select Files**

- The file type to make it display in the file browser can be chosen.
  1. Press ▲ or ▼ to highlight “Select Files” at right column in the file browser.
  2. Press ENTER, then press ▲ or ▼ to select file type from the list (Music, Picture or Movie).
  3. Press ENTER to add/remove check mark.
  4. Press RETURN to save the setting.
MP3/WMA/JPEG/DivX® and Audio CD operation (Continued)

You can select your desired JPEG file on the file menu and picture menu. The selected JPEG file is automatically adjusted to the TV screen. (When the aspect ratio of the JPEG file is different to the TV screen, the black bar will appear at the top and bottom, or the both sides of the TV screen.)

### JPEG CD playback

1. Load a JPEG disc in the disc slot.

2. A file browser screen will appear on the screen.

3. Press ▲/▼ to select the file. To display a thumbnail list, press DVD MENU. Press ◀/▶/▲/▼ to select the desired file. (To return to the file browser, press TOP MENU.)

   - When PLAY is pressed after displaying the file browser, playback begins automatically starting from the first file. In this case, if the first file is a JPEG file, the first JPEG file is played back. If the first file is a DivX® file, the first DivX® file is played back. If the first file is an MP3/WMA file, only MP3/WMA files are played back in order. If there is no file at a root directory, playback does not begin automatically.

4. Press ENTER or PLAY. The selected picture appears on the screen.

   - Rotating an image
     You can rotate an image by 90 degrees. Press ANGLE during playback of the image.

   - When PRESS is pressed after displaying the file browser, playback begins automatically starting from the first file. In this case, if the first file is a JPEG file, the first JPEG file is played back. If the first file is a DivX® file, the first DivX® file is played back. If the first file is an MP3/WMA file, only MP3/WMA files are played back in order. If there is no file at a root directory, playback does not begin automatically.

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

### Slide show playback

The slide show enables you to view pictures (files) one after another automatically.

**Preparation:**
- Set “JPEG Interval” setting to “5 Seconds”, “10 Seconds” or “15 Seconds”.

1. Select your desired starting file for the slide show in the step 3 on left.

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

   - If you press PAUSE during the slide show, the slide show stops temporary. “❙❙” appears briefly on the TV screen. If the picture appears upside down or sideways, press ANGLE repeatedly until it's right side up.

   - When the slide show playback finished, the file list appears.

   - To stop the slide show, press STOP. The file list appears.

**Notes:**
- Zoom function can also be used in viewing JPEG files. See “Zooming” [41].
- During JPEG playback, you cannot use Jump and A-B Repeat functions.
Load a disc on which DivX® files have been recorded in the disc slot.

A file browser screen will appear on the TV screen.

Press ▲/▼ to select file.

When PLAY has been pressed after displaying the file browser, playback begins automatically starting from the first file. In this case, if the first file is a JPEG file, the first JPEG file is played back. If the first file is a DivX® file, the first DivX® file is played back. If the first file is an MP3/WMA file, only MP3/WMA file are played back in order. If there is no file at a root directory, playback does not begin automatically.

Press ENTER or PLAY. The selected DivX® movie will be played back on the TV screen.

Press STOP to end playback.

Notes:
- In order to play DivX® VOD content on this unit, you first need to register the unit with registration code. See page 59.
- Depending on the recording conditions of DivX® file, you may not be able to use FF, REV or JUMP function.

DivX® VOD content is protected by DRM (Digital Rights Management) system. This restricts playback of content to specific registered devices.

If the incorrect DRM file is loaded, “Authorization Error This player is not authorized to play this video.” will appear on the TV screen. When you attempt to play DivX® VOD, the number of plays is limited and the right message will appear on the TV screen. If you wish to play it, select “Yes”.

- If the number of plays goes over the limit, then “Rental Expired” will be displayed. In this case the file will not be played.

View DivX® VOD Rental
This rental has 5 views left.
Do you want to use one of your 5 views now?

Yes
No
Repeat, random and program playback using file browser

**Repeat playback (CD)**

1. In the file browser, press ◀/▶/▲/▼ to select “Repeat” during stop mode.

2. Press ENTER repeatedly to select “Track” or “All”.

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

**Random playback (CD)**

1. In the file browser, press ◀/▶/▲/▼ to select “Mode” during stop mode.

2. Press ENTER to select “Random”.

3. Press PLAY. The Random playback will start.

**To resume normal playback**

Select Repeat : “Off” in step 2.

Select Mode : “Off” in step 2.

**Notes:**

- The repeat or random function is canceled when you eject the disc or turn the power off.
- In case of Audio CD, the function of A-B Repeat can be used. See “A-B Repeat playback” on page 43.
- Track repeat function is canceled whenever SKIP ◀ or ▶ is pressed.
Program playback (CD)

1. In the file browser, press \( \uparrow / \downarrow / \leftarrow / \rightarrow \) to select “Edit Mode”, then press ENTER.

When “Edit Mode” is black color, you can mark the files which you want to add into Program list.

2. Press \( \uparrow / \downarrow / \leftarrow / \rightarrow \) to select file you want to add into the program list.

Press ENTER. Selected file was marked. Repeat this procedure to select the other files.

3. Press \( \uparrow / \downarrow / \leftarrow / \rightarrow \) to select “Add To Program”. Then press ENTER. All marked files are added into the program list.

When you finish storing the files which you want into the Program list, select “Edit Mode” and press ENTER to release edit mode.

4. Press \( \uparrow / \downarrow / \leftarrow / \rightarrow \) to select “Program View”, then press ENTER. Program View shows only the programed files that you have added in step 2.

5. In the Program View, press PLAY. The files start to playback in programed order that were added by you.

To remove file from program list in stop mode
In the Edit Mode, switch to Program View. Select file you want to remove, then press ENTER. Select “Clear Program” and press ENTER. Marked file is removed from program list.

Note:
The program function is canceled when you eject the disc or turn the power off.
Customizing the function settings
You can change the default settings of the DVD mode to customize performance to your preference.

Setting procedure

1. Press SETUP during stop mode.
   The following on-screen display appears.

2. Press ▲ or ▼ to select the desired section, then press ►.

3. First option will be highlighted. Press ▲ or ▼ to select the desired option.

4. Then press ► or ENTER. The selectable settings will appear.

5. Change the selection using ▲ or ▼, by referring to the corresponding pages (56) – (59). Press ENTER to save the setting.
   - Repeat steps 3 and 5 to change other option.
   - To select another section, go back to step 2 by pressing ◄ repeatedly.

6. To clear SETUP screen, press SETUP or RETURN.
## Setting details

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<th>Option</th>
<th>Details</th>
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</table>
Customizing the function settings (Continued)

Setting details

Menu, Subtitle, Audio

You can select the language of “Menu”, “Subtitle” and “Audio” if more than one languages are recorded onto the disc.

- **English, Francais, Espanol:**
  The selected language will be heard or seen.

- **Other:**
  Other language can be selected (see “Language code list” [61]).

- **Original (Audio):**
  The unit will select the first priority language of each disc.

- **Off (Subtitle):**
  Subtitles do not appear.

Notes:
- If the selected language is not recorded on the disc, the first-priority language is selected.
- If you want to change the on screen display language, you can perform it by TV SETUP MENU [20].

TV Screen

You have the following screen sizes to choose from:

- **4:3 (Letter box):**
  When playing back a wide screen-DVD disc, it displays the wide picture with black bands at the top and bottom of screen.

- **4:3 (Pan & scan):**
  It displays the wide picture on the whole screen with left and right edges automatically cut off.

Note:
If the DVD disc is not formatted in the Pan & scan style, it will display 4:3 style.

Display

On screen display can be switched on or off when you press any buttons.

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

### Picture Mode

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

- **Auto**: Select this selection normally. The DVD player automatically detects source content, film or video of playback source, and converts that signal in an appropriate method.

- **Film**: The DVD player converts film content pictures appropriately. Suitable for playback of film content pictures.

- **Video**: The DVD player filters video signal and converts it appropriately. Suitable for playback of video content pictures.

**Note:** Depending on the disc, pictures may be cut off or doubled. In this case, select “Video”.

### JPEG Interval

You can continuously playback all JPEG files automatically. After the selection below, the disc will start playback on JPEG files which have been recorded.

- **Off**: Plays back one file at a time.

- **5 Seconds**: Plays back images in the form of a slide show at 5 second intervals.

- **10 Seconds**: Plays back images in the form of a slide show at 10 second intervals.

- **15 Seconds**: Plays back images in the form of a slide show at 15 second intervals.
**Customizing the function settings (Continued)**

### Setting details

**DRC**

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

- **Off:** It plays back at the recording level on the disc.
- **On:** Loud sound such as explosion is toned down slightly when played back. This is suitable when it is connected to a stereo.

**Notes:**
- This function works only during playback of Dolby Digital recorded discs.
- The level of Dynamic Range Reduction may differ depending on DVD video disc.

**Parental control setting**

Some discs are specified as not suitable for children. Such discs can be limited not to playback with the unit.

1) Press ▲ or ▼ to select “Parental”, then press ENTER. “Enter Password” screen will appear.
2) Press “0000” using Number buttons (0–9). (Please note, this is pre-setting password of this unit). Then press ENTER. The parental level list will appear.
   - **Level Off:** The parental control setting does not function.
   - **Level 8:** All DVD software can be played back.
   - **Level 1:** DVD software for adults cannot be played back.
3) Press ▲ or ▼ to select from the level 1 to level 8. The limitation will be more severe as the level number is lower. Then press ENTER.

**Notes:**
- The parental control level is equivalent to the following USA movie ratings.
  - Level 1: G
  - Level 2: PG
  - Level 3: PG-13
  - Level 4: PG-13
  - Level 5: R
  - Level 6: R
  - Level 7: NC-17
  - Level 8:

The parental control levels for other countries/area than U.S. are included for future use. Check the appropriate parental control level when you buy a DVD video disc equipped with the parental control feature in the future.

- Depending on the discs, the unit cannot limit playback.
- Some discs may not be encoded with specific rating level information though its disc jacket says “adult.” For those discs, the age restriction will not work.
- The password is required every time when you change the parental level.
- If you input a wrong number, press EXIT/CANCEL.
Setting details

■ Set the new password

1) Press ▲ or ▼ to select “Password”, then press ENTER. “Enter Current Password” screen will appear.
2) Press Number buttons (0–9) to input the current password (If the password has not been set yet after you purchase this unit, it is “0000”).
3) Then press ENTER. “Enter New Password” screen will appear. Press Number buttons (0–9) to input the new password.
4) Press ENTER. Now your new password has been set. Be sure to remember this number!

If you forget the password

1) Press EJECT to remove the disc.
2) While holding 7 down on the remote control and then press STOP on the unit. “Password Clear” appears on the screen. Now the password has been returned to the initial value (“0000”).

■ DivX® VOD

In order to play DivX® VOD (Video On Demand) content on this unit, you first need to register the unit with your DivX® VOD content provider. You do this by generating a DivX® VOD registration code, which you submit to your provider.

Press ▲ or ▼ to select “DivX(R) VOD”. Then press ENTER. Your 8-character registration code is displayed. Make a note of the code as you will need it when you register with a DivX® VOD provider. Then press ENTER to select Done.

Note:
If each setup (pages 56 – 59) has completed, the unit can always work under the same condition (especially with DVD discs).
Each setup will be retained in the memory even if you turn the power off.
Temporary cancel the rating level by DVD disc

Depending on the DVD disc, the disc may try to temporarily cancel the rating level that you have set. It is up to you to decide whether to cancel the rating level or not.

1. Load a DVD disc.

2. If the DVD disc has been designed to temporarily cancel the Rating level, the screen which follows the “Reading” screen will change, depending on which disc is played. If you select “YES” with the ENTER key, password input screen will then appear. • If “NO” is selected, press EJECT to remove the disc.

3. Enter the password with Number buttons (0–9). Then press ENTER.

   To exit from the entry, press RETURN.

   Enter Password

4. Playback will commence if the entered password is correct.

Note:
This temporary cancellation of rating level will be kept until the disc is ejected. When the disc is ejected, the original rating level will be set again automatically.
## Language code list

Enter the appropriate code number for the initial settings “Menu”, “Subtitle” and/or “Audio”.

<table>
<thead>
<tr>
<th>Language Name</th>
<th>Code</th>
<th>Language Name</th>
<th>Code</th>
<th>Language Name</th>
<th>Code</th>
<th>Language Name</th>
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<td>Zulu</td>
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## Troubleshooting

Use the following check list for troubleshooting when you have problems with your unit. Consult your local dealer or service outlet if problems persist.

Be sure all connections are properly made when using with other units.

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<td></td>
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<td></td>
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<td>• Station or Cable TV may have problems, try another station.</td>
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<td>• Station or Cable TV may have problems, try another station.</td>
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<td></td>
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<td>• Station or Cable TV may have problems, try another station.</td>
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<td></td>
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<td></td>
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<td></td>
<td>• Check for sources of possible interference.</td>
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<tr>
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<td></td>
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<td>• TV station experiencing problems or program tuned is not closed captioned.</td>
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<td></td>
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<td>• TV/DVD selector is not set correctly.</td>
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<td>• Check the input selector of the amplifier is set properly.</td>
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<td></td>
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<tr>
<td></td>
<td>• Select the correct Audio Input/Output position on AV amplifier.</td>
<td>17, 18</td>
</tr>
<tr>
<td>Picture is distorted during fast reverse/forward playback.</td>
<td>• The picture will be distorted occasionally.</td>
<td>-</td>
</tr>
<tr>
<td>Stopping playback, search, slowmotion play, repeat play, or program play, etc. cannot be performed.</td>
<td>• Some discs may not do some of the functions.</td>
<td>-</td>
</tr>
<tr>
<td>No on-screen display.</td>
<td>• Set Display to On.</td>
<td>56</td>
</tr>
<tr>
<td>The unit or remote operation key is not functioning.</td>
<td>• Turn off the unit and unplug the AC power cord for several minutes, then replug it.</td>
<td>-</td>
</tr>
<tr>
<td>Playback does not start when the title is selected.</td>
<td>• Check the RATING LEVEL setup.</td>
<td>58</td>
</tr>
<tr>
<td>Audio soundtrack and/or subtitle language is not changed when you playback a DVD.</td>
<td>• Multilingual language is not recorded on the DVD disc.</td>
<td>46</td>
</tr>
<tr>
<td>No subtitle.</td>
<td>• Some discs have no subtitles.</td>
<td>46</td>
</tr>
<tr>
<td>Angle cannot be changed.</td>
<td>• Subtitles are cleared. Press the SUBTITLE button.</td>
<td>46</td>
</tr>
<tr>
<td>“X” appears on the screen.</td>
<td>• Multi-angles are not recorded on the DVD disc.</td>
<td>45</td>
</tr>
<tr>
<td>REMOTE CONTROL</td>
<td>• The function is prohibited with the unit or the disc.</td>
<td>40</td>
</tr>
<tr>
<td>The remote control does not function.</td>
<td>• Aim the remote control at the remote sensor.</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>• Operate within approx. 5 meters or reduce the light in the room.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Clear the path of the beam.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• The batteries are weak. Replace the batteries.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Check the batteries are inserted correctly.</td>
<td></td>
</tr>
</tbody>
</table>
Reception disturbances

Most types of television interference can be remedied by adjusting the height and position of the VHF/UHF antenna. Outdoor antennas are recommended for best results. The most common types of television interference are shown below. If one of these symptoms appear when the TV/DVD is connected to a Cable TV system, the disturbance may be caused by the local Cable TV company broadcast.

IGNITION
Black spots or horizontal streaks may appear, the picture may flutter or drift. Usually caused by interference from automobile ignition systems, neon lamps or AC powered tools and appliances such as drills or hair dryers.

GHOSTS
Ghosts are caused by the television signal following two paths. One is the direct path and the other is reflected by tall buildings, hills or other large objects. Changing the direction or position of the antenna may improve the reception.

SNOW
If the TV/DVD is located far from the TV station, in a fringe reception area where the signal is weak, small dots may appear in the picture. If the signal is extremely weak, the installation of a larger external antenna may be necessary.

RADIO FREQUENCY INTERFERENCE (RFI)
Caused by two-way radios, this type of interference produces moving ripples or diagonal streaks in the picture. Some cases may cause a loss of contrast in the picture. Changing the direction and position of the antenna or installing an RFI filter may improve the picture.

CARE AND MAINTENANCE
To prevent fire or shock hazard, disconnect the TV/DVD from the power source before cleaning. Use caution when cleaning or wiping the plastic parts.
## Specifications

### General

<table>
<thead>
<tr>
<th>Specification</th>
<th>Detail</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power supply</td>
<td>AC 120V 60Hz</td>
</tr>
<tr>
<td>Power consumption</td>
<td>Operation: 50 W, Stand by: 1 W</td>
</tr>
<tr>
<td>Weight</td>
<td>12.1 lbs (5.5 kg)</td>
</tr>
<tr>
<td>Dimensions</td>
<td>Width: 15-1/2 inches (394 mm)</td>
</tr>
<tr>
<td></td>
<td>Height: 15-1/16 inches (381.8 mm)</td>
</tr>
<tr>
<td></td>
<td>Depth: 7-1/2 inches (190 mm)</td>
</tr>
<tr>
<td>Operating temperature</td>
<td>5°C-40°C (41°F-104°F)</td>
</tr>
<tr>
<td>Operating humidity</td>
<td>Less than 80% RH (No condensation)</td>
</tr>
</tbody>
</table>

### Television

<table>
<thead>
<tr>
<th>Specification</th>
<th>Detail</th>
</tr>
</thead>
<tbody>
<tr>
<td>LCD panel</td>
<td>15-inch diagonal (Screen size is approximate.)</td>
</tr>
<tr>
<td>Display method</td>
<td>Color TFT LCD</td>
</tr>
<tr>
<td>Number of pixels</td>
<td>1024 (Horizontal) x 768 (Vertical)</td>
</tr>
<tr>
<td>Television system</td>
<td>NTSC standard, ATSC standard (8VSB), QAM</td>
</tr>
<tr>
<td>Receiving channels</td>
<td>VHF: 2-13</td>
</tr>
<tr>
<td></td>
<td>UHF: 14-69</td>
</tr>
<tr>
<td>Antenna input</td>
<td>VHF/UHF 75 Ω</td>
</tr>
<tr>
<td>Speaker</td>
<td>1-1/2 x 2-11/16 inches (38.1 x 68.6 mm), 8 Ω x 2</td>
</tr>
<tr>
<td>Audio output power</td>
<td>1.0W + 1.0W</td>
</tr>
</tbody>
</table>

### DVD/CD Player

<table>
<thead>
<tr>
<th>Specification</th>
<th>Detail</th>
</tr>
</thead>
<tbody>
<tr>
<td>Signal system</td>
<td>NTSC</td>
</tr>
<tr>
<td>Applicable disc</td>
<td>1. DVD (12cm, 8cm)</td>
</tr>
<tr>
<td></td>
<td>2. CD (12cm, 8cm)</td>
</tr>
<tr>
<td>Pickup</td>
<td>1-Lens, 2-Beams System</td>
</tr>
</tbody>
</table>

### Input/Output

<table>
<thead>
<tr>
<th>Specification</th>
<th>Detail</th>
</tr>
</thead>
<tbody>
<tr>
<td>S-Video input</td>
<td>(Y) 1.0 V (p-p), 75 Ω, negative sync., Mini DIN 4-pin x 1</td>
</tr>
<tr>
<td></td>
<td>(C) 1.0 V (p-p), 75 Ω</td>
</tr>
<tr>
<td>ColorStream video input</td>
<td>(Y) 1.0 V (p-p), 75 Ω, negative sync., pin jack x 1</td>
</tr>
<tr>
<td></td>
<td>(Pe, Pr) 0.7 V (p-p), 75 Ω, pin jack x 2</td>
</tr>
<tr>
<td>Video input</td>
<td>1.0 V (p-p), 75 Ω, negative sync., pin jack x 2</td>
</tr>
<tr>
<td>Audio input</td>
<td>–8dBm, 50 kΩ, negative sync., pin jack (L/R) x 2</td>
</tr>
<tr>
<td>Digital audio output</td>
<td>0.5 V (p-p), 75 Ω, pin jack x 1</td>
</tr>
<tr>
<td>Headphone</td>
<td>ø3.5mm stereo mini jack x 1</td>
</tr>
</tbody>
</table>

### Accessories

<table>
<thead>
<tr>
<th>Specification</th>
<th>Detail</th>
</tr>
</thead>
<tbody>
<tr>
<td>Remote control</td>
<td>(DC-LWB1)</td>
</tr>
<tr>
<td>Batteries</td>
<td>(R03/AAA)</td>
</tr>
<tr>
<td>Owner’s manual</td>
<td>(this booklet)</td>
</tr>
</tbody>
</table>

- This model complies with the above specifications.
- Designs and specifications are subject to change without notice.
- This model may not be compatible with features and/or specifications that may be added in the future.
Limited United States Warranty
LCD TV/DVD Combination - Depot Repair Warranty
Toshiba America Consumer Products, L.L.C. ("TACP") makes the following limited warranties to original consumers in the United States. THESE LIMITED WARRANTIES EXTEND TO THE ORIGINAL CONSUMER PURCHASER OR ANY PERSON RECEIVING THIS LCD TV/DVD COMBINATION AS A GIFT FROM THE ORIGINAL CONSUMER PURCHASER AND TO NO OTHER PURCHASER OR TRANSFEREE.

LCD TV/DVD COMBINATIONS PURCHASED IN THE U.S.A. AND USED ANYWHERE OUTSIDE OF THE U.S.A., INCLUDING, WITHOUT LIMITATION, CANADA AND MEXICO, ARE NOT COVERED BY THESE WARRANTIES.

LCD TV/DVD COMBINATIONS PURCHASED ANYWHERE OUTSIDE OF THE U.S.A., INCLUDING, WITHOUT LIMITATION, CANADA AND MEXICO, AND USED IN THE U.S.A., ARE NOT COVERED BY THESE WARRANTIES.

Limited One (1) Year Warranty on Parts and Labor
TACP warrants this LCD TV/DVD Combination and its parts against defects in materials or workmanship for a period of one (1) year after the date of original retail purchase. DURING THIS PERIOD, TACP WILL, AT TACP’S OPTION, REPAIR OR REPLACE A DEFECTIVE PART WITH A NEW OR REFURBISHED PART WITHOUT CHARGE TO YOU.

Rental Units
The warranty for LCD TV/DVD Combination rental units begins on the date of the first rental or thirty (30) days after the date of shipment to the rental firm, whichever comes first.

Commercial Units
LCD TV/DVD Combinations sold and used for commercial purposes have a limited warranty for all parts and labor, which warranty begins on the date of original retail purchase and ends on the date that is ninety (90) days thereafter.

Owner’s Manual and Product Registration Card
Read this owner’s manual thoroughly before operating this LCD TV/DVD Combination.
Complete and mail the enclosed product registration card or register your LCD TV/DVD Combination online at www.tacp.toshiba.com/service as soon as possible. By registering your LCD TV/DVD Combination you will enable TACP to bring you new products specifically designed to meet your needs and help us to contact you in the unlikely event a safety notification is required under the U.S. Consumer Product Safety Act. Failure to complete and return the product registration card does not diminish your warranty rights.

Your Responsibility
THE ABOVE WARRANTIES ARE SUBJECT TO THE FOLLOWING CONDITIONS:

(1) You must retain your bill of sale or provide other proof of purchase.

(2) All warranty servicing of this LCD TV/DVD Combination must be made by the Depot Warranty Repair Center specified by the TACP Consumer Solutions Center.

(3) The warranties from TACP are effective only if the LCD TV/DVD Combination is purchased and operated in the Continental U.S.A. or Puerto Rico.

(4) Labor service charges for set installation, setup, adjustment of customer controls, and installation or repair of antenna systems are not covered by this warranty. Reception problems caused by inadequate antenna systems are your responsibility.

(5) Warranties extend only to defects in materials or workmanship as limited above, and do not extend to any LCD TV/DVD Combination or parts that have been lost or discarded by you or to damage to the LCD TV/DVD Combination or parts caused by fires, misuse, accident, Acts of God (such as lightning or fluctuations in electric power), improper installation, improper maintenance, or use in violation of instructions furnished by TACP; use or malfunction through simultaneous use of this LCD TV/DVD Combination and connected equipment; or to units that have been modified or had the serial number removed, altered, defaced, or rendered illegible.
How to Obtain Warranty Services

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

(1) For instructions on how to obtain warranty service for your LCD TV/DVD Combination, contact TACP’s Consumer Solution Center toll free at 1-800-631-3811.

(2) You must include a copy or original bill of sale or other proof of purchase along with the entire LCD TV/DVD Combination to the Depot Warranty Repair Center specified by the TACP Consumer Solutions Center. You are responsible for all inbound transportation and insurance charges for the LCD TV/DVD Combination to the Depot Warranty Repair Center specified by the TACP Consumer Solutions Center.

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

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No person, agent, distributor, dealer, or company is authorized to change, modify, or extend the terms of these warranties in any manner whatsoever. The time within which an action must be commenced to enforce any obligation of TACP arising under the warranty or under any statute or law of the United States or any state thereof is hereby limited to ninety (90) days from the date you discover, or should have discovered, the defect. This limitation does not apply to implied warranties arising under state law.

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH MAY VARY FROM STATE TO STATE IN THE U.S.A. SOME STATES OF THE U.S.A. DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, WHEN AN ACTION MAY BE BROUGHT, OR THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE PROVISIONS MAY NOT APPLY TO YOU UNDER SUCH CIRCUMSTANCES.