

TOSHIBA



19-, 22-, 26-inch* class LCD TV/DVD COMBINATION

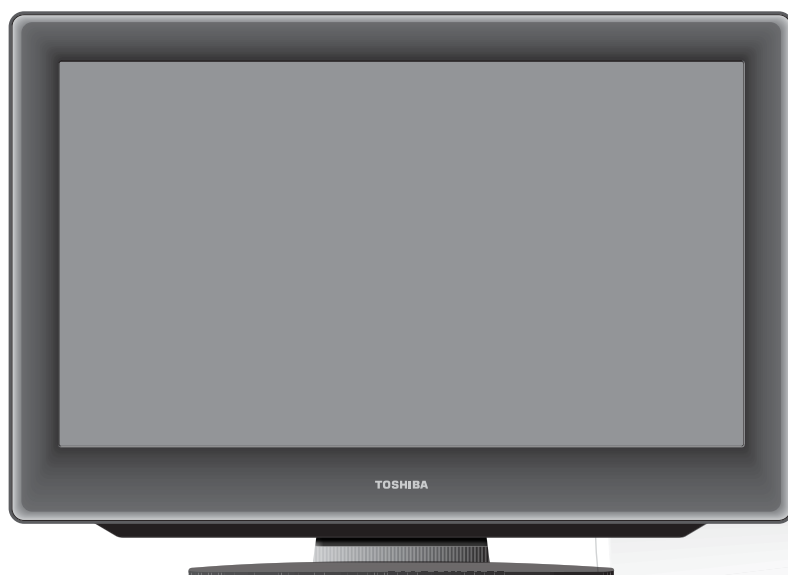
19LV610U-T

22LV610U-T

22LV611U-T

26LV610U-T

OWNER'S MANUAL



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Owner's Record

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

Model number: _____

Serial number: _____

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Before operating the unit, please read this manual thoroughly.

*Screen size is approximate.

Dear Customer,

Thank you for purchasing this Toshiba LCD TV or TV/DVD Combination television.

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

The examples used throughout this manual are based on the 26LV610U-T model.

Safety Precautions

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE. TO PREVENT THE SPREAD OF FIRE, KEEP CANDLES OR OPEN FLAMES AWAY FROM THIS PRODUCT AT TIMES.



CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN



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



The lightning 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 to persons.



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.

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 to prevent blade exposure.

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 non-UL listed wall bracket for wall mounting this television could result in serious bodily injury and/or property damage. See "Choosing a location for your LCD TV" on page 6.



ENERGY STAR® qualified TV. Products that earn the ENERGY STAR prevent greenhouse gas emissions by meeting strict energy efficiency guidelines set by the U.S. Environmental Protection Agency and the U.S. Department of Energy. ENERGY STAR and the ENERGY STAR mark are registered U.S. marks.

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 29 on page 5.

WARNING: Handling the cord on this product or cords associated with accessories sold with this product will expose you to lead, a chemical known to the State of California to cause birth defects or other reproductive harm. *Wash hands after handling.*

CHILD SAFETY:

It Makes A Difference How and Where You Use Your Flat Panel Display

Congratulations on your purchase! As you enjoy your new product, please keep these safety tips in mind:

The Issue

The home theater entertainment experience is a growing trend and larger flat panel displays are popular purchases. However, flat panel displays are not always supported on the proper stands or installed according to the manufacturer's recommendations.



Flat panel displays that are inappropriately situated on dressers, bookcases, shelves, desks, speakers, chests or carts may fall over and cause injury.

TOSHIBA Cares!

The consumer electronics industry is committed to making home entertainment enjoyable and safe.

Tune Into Safety

- One size does NOT fit all. Follow the manufacturer's recommendations for the safe installation and use of your flat panel display.
- Carefully read and understand all enclosed instructions for proper use of this product.
- Don't allow children to climb on or play with furniture and television sets.
- Don't place flat panel displays on furniture that can easily be used as steps, such as a chest of drawers.
- Remember that children can become excited while watching a program, especially on a "larger than life" flat panel display. Care should be taken to place or install the display where it cannot be pushed, pulled over, or knocked down.
- Care should be taken to route all cords and cables connected to the flat panel display so that they cannot be pulled or grabbed by curious children.



Wall Mounting: If you decide to wall mount your flat panel display, always:

- Use a mount that has been recommended by the display manufacturer and/or listed by an independent laboratory (such as UL, CSA, ETL).
- Follow all instructions supplied by the display and wall mount manufacturers.
- If you have any doubts about your ability to safely install your flat panel display, contact your retailer about professional installation.
- Make sure that the wall where you are mounting the display is appropriate. Some wall mounts are not designed to be mounted to walls with steel studs or old cinder block construction. If you are unsure, contact a professional installer.
- A minimum of two people are required for installation. Flat panel displays can be heavy.



www.CE.org/safety

FCC Compliance Information

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. TO PREVENT THE SPREAD OF FIRE, KEEP CANDLES OR OPEN FLAMES AWAY FROM THIS PRODUCT AT ALL TIMES.

FCC Declaration of Conformity Compliance Statement (Part 15):

The Toshiba 19LV610U-T, 22LV610U-T, 22LV611U-T, and 26LV610U-T LCD TV/DVD Combinations complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

The party responsible for compliance to these rules is:

Toshiba America Consumer Products, L.L.C.

82 Totowa Rd. Wayne, NJ07470.

Ph: (800) 631-3811 or visit TACP's website at www.tacp.Toshiba.com

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 removing and applying power to the equipment, the user is encouraged to try to correct the interference by one or more of the following measures:

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

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

CAUTIONS:

- THIS DIGITAL VIDEO PLAYER EMPLOYS A LASER SYSTEM.
- TO ENSURE PROPER USE OF THIS PRODUCT, PLEASE READ THIS OWNER'S MANUAL CAREFULLY AND RETAIN IT FOR FUTURE REFERENCE.
- SHOULD THE UNIT REQUIRE MAINTENANCE, CONTACT AN AUTHORIZED SERVICE LOCATION.
- USE OF CONTROLS, ADJUSTMENTS OR THE PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.
- TO PREVENT DIRECT EXPOSURE TO LASER BEAM, NEVER OPEN THE ENCLOSURE. VISIBLE LASER RADIATION MAY BE PRESENT WHEN THE ENCLOSURE IS OPENED. NEVER STARE INTO THE BEAM.

CLASS 1
LASER PRODUCT

Location of the required Marking

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

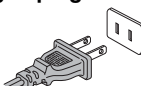
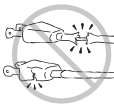


CERTIFICATION: COMPLIES WITH FDA PERFORMANCE STANDARDS FOR LASER PRODUCTS EXCEPT FOR DEVIATIONS PURSUANT TO LASER NOTICE NO.50, DATED JUNE 24, 2007.

SAFETY: LAMP 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.eia.org).

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) **The TV uses a non-polarized, two-pronged plug.**
This kind of plug can be used in polarized outlets. It can fit into a wall socket in either direction. It does not provide protection from shock. 
- 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 tip-over injuries. 
- 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 when the 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.



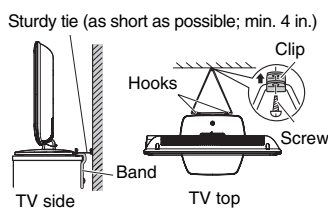

Additional Safety Precautions

- 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.
 - ALWAYS contact a service technician to inspect the TV any time it has been damaged or dropped.
- 14b) **WARNING:** To prevent the spread of fire, keep candles or other open flames away from this product at all times.
- 15) **WARNING:** NEVER expose batteries to excessive heat such as sunshine, fire, or the like.

Installation, Care, and Service

Installation

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

- 16) 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.
- 17) ALWAYS plug the product into an outlet that is located in such a manner that it can be easily unplugged in case the product requires service.
- 18) NEVER route the product's power cord inside a wall or similar enclosed area.
- 19) 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.
- 20)  **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. 
- 21) Never place items such as vases, aquariums, or candles on top of the TV.
- 22) **WARNING:** Always place the TV on the floor or on a sturdy, level, stable surface that can support the weight of the unit. To secure the TV, use a sturdy strap from the hooks on the rear of the TV pedestal to a wall stud, pillar or other immovable structure. Make sure the strap is tight, secure, and parallel to the floor. 
- 23) Never expose the apparatus to dripping or splashing liquid or place items such as vases, aquariums, or any other item filled with liquid, or candles on top of the TV.
- 24) Never block or cover the slots or openings in the TV cabinet back, bottom, and sides. Never place the TV:
 - on a bed, sofa, rug, or similar surface;
 - too close to drapes, curtains, or walls; or
 - in a confined space such as a bookcase, built-in cabinet, or any other place with poor ventilation.

The slots and openings are provided to protect the TV from overheating and to help maintain reliable operation of the TV. Leave a space of at least four (4) inches around the TV.
- 25) Always place the back of the television at least four (4) inches away from any vertical surface (such as a wall) to allow proper ventilation.
- 26) 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.

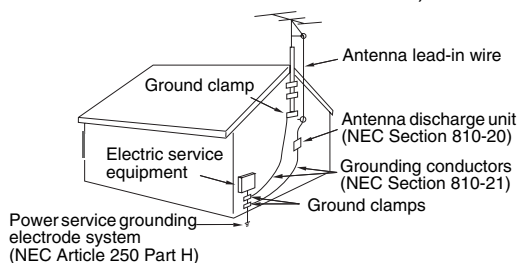
SAFETY INSTRUCTIONS *(continued)*

Installation *(continued from previous page)*

- 27) Never overload wall outlets and extension cords.
28) Always operate the TV with a 120 V AC, 60 Hz 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.

- 29) 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.)



- 30) **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

For better performance and safer operation of your TOSHIBA TV, follow these recommendations and precautions:

- 31) Always unplug the TV before cleaning. Wipe the display panel surface gently using only a soft cloth (supplied.) A hard cloth may damage the surface of the panel. Avoid contact with alcohol, thinner, benzene, acidic or alkaline solvent cleaners, abrasive cleaners, or chemical cloths, which may damage the surface. Never spray volatile compounds such as insecticide on the cabinet. Such products may damage or discolor the cabinet.



- 32) **WARNING: RISK OF ELECTRIC SHOCK!**




Never spill liquids or push objects of any kind into the TV cabinet slots.

Care *(continued from previous column)*

- 33) While it is thundering, do not touch the connecting cables or apparatus.
- 34) For added protection of your TV from lightning and power surges, always unplug the power cord and disconnect the antenna from the TV if you leave the TV unattended or unused for long periods of time.
- 35) **ALWAYS** unplug the TV to completely disconnect from mains power. When the TV is turned off using the on/off switch, it is not completely disconnected from power and a minute amount of current is still consumed.
- 36) During normal use, the TV may make occasional snapping or popping sounds. This is normal, especially when the unit is being turned on or off. If these sounds become frequent or continuous, unplug the power cord and contact a Toshiba Authorized Service Center.
- 37) Keep your fingers well clear of the disc slot as it is closing. Failure to do so may cause serious personal injury.
- 38) When you use headphones, keep the volume at a moderate level. Using headphones continuously at a high volume may cause hearing damage.
- 39) **NEVER** look directly into the disc slot or ventilation slots at the source of the laser beam. Doing so may cause sight damage.
- 40) **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.**
- 41) **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 31 on this page.

Service

- 42) **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. Failure to follow this WARNING may result in death or serious injury. Refer all servicing to a Toshiba Authorized Service Center.
- 43) 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.
- 44) When the TV reaches the end of its useful life, ask a qualified service technician to properly dispose of the TV.

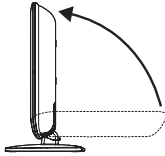
Precautions

Choosing a location for your LCD TV

- **Retractable pedestal stand and positioning the LCD TV**

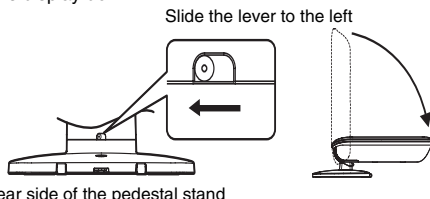
Observe the following safety precautions:

1. Ensure that the unpacking and transfer of the unit is carried out by two or more people.
2. Put the LCD TV on a large level area in a recumbent posture.
3. Grab the pedestal stand and lift the display up. Confirm the pivot is locked.
4. Place the TV on a sturdy, level surface that can support the weight of the TV.
5. Be sure to secure the TV to a wall stud, pillar, surface, or other immovable structure. To secure the TV in this manner: (1) attach a clip to an immovable structure, then (2) pass a sturdy strap through the clip and attach each end to the hooks located at the back of the TV. Be sure to leave at least four inches between the TV and the wall or similar structure for ventilation. See item 22 on page 4 for additional details.



- **To fold the pedestal stand**

1. Slide the lever on the back side of the pedestal stand to the left.
2. Lay the display down.



IMPORTANT: Do not operate the LCD TV while the pedestal stand is folded.

- **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. Go to page 2 for more information.

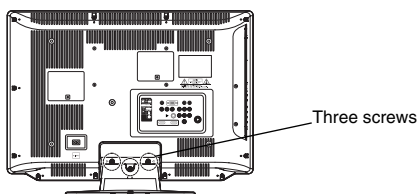
1. **CAUTION:** Two people are required for installation.
2. Unplug and remove any cables and/or other component connectors from the rear of the TV.
3. Follow the instructions provided with your wall bracket. Before proceeding, make sure the appropriate bracket(s) are attached to the wall and the back of the TV as described in the instructions provided with the wall bracket.
4. **IMPORTANT:** Always use the screws supplied or recommended by the wall mount manufacturer.
5. 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.

- **To remove the pedestal stand**

1. Carefully lay 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.

IMPORTANT: Extreme care should always be used when removing the pedestal stand to avoid damaging 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 the three screws holding the pedestal stand in place, slide the pedestal stand away from the TV.



Important notes about your LCD TV

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

1. An afterimage (ghost) may appear on-screen if a fixed, non-moving image is displayed for a long period of time. This afterimage 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. It 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.

Notes on handling the unit

- 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 may come in handy. For full 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 positioning the unit

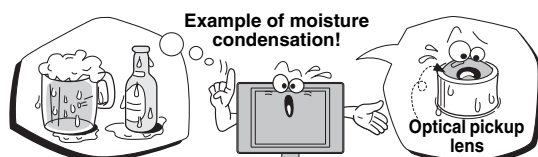
- When you place this unit near a TV, radio, or VCR, the playback picture may become poor and the sound may be distorted. In this case, place the unit away from the TV, radio, or VCR.
- To avoid damage to this product, never place or store the unit in direct sunlight; hot, humid areas; or areas subject to excessive dust or vibration.
- The socket outlet must be installed near the unit and is easily accessible.

Precautions (continued)

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.



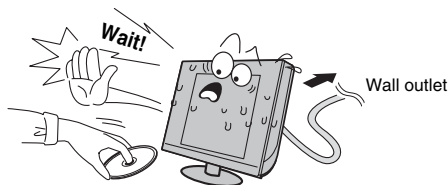
Moisture condensation may occur in the following situations:

- 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.

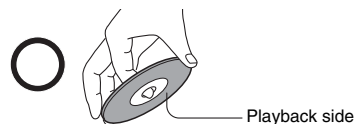
Using the unit when moisture condensation exists may damage discs and internal parts. Connect the power cord of the unit to the wall outlet, turn on the unit, remove the disc, and leave it for two or three hours. After two or three hours, the unit will have warmed up and evaporated any moisture. Leaving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



Notes on discs

On handling discs

- Do not touch the playback side of the disc. Handle the disc as shown in the 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, benzene, commercially available cleaners or antistatic spray for vinyl LPs. It may damage the disc.

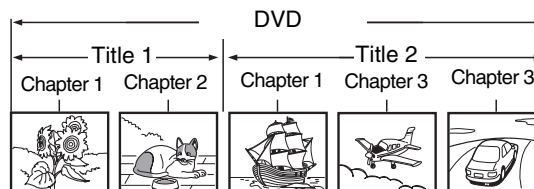
On storing discs

- 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.

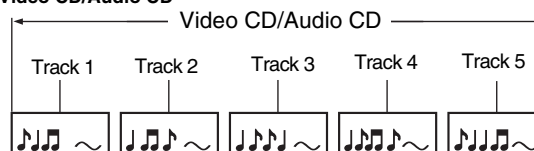
Structure of disc contents

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 CD/Audio CD



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 discs (continued)

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.

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 command. This is not a defect of the unit. Refer to the 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 and you do not find ① or ②, 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 Playback Control (PBC) function, version 2.0. 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 on-screen playback menu. Some of the functions described in this owner's manual may not work with some discs.

Playable discs

This unit can play the following discs.

	Disc mark	Contents	Disc size	Maximum playback time
DVD Video disc		Audio + Video (moving pictures)	12 cm	Approx. 4 hours (single sided disc)
				Approx. 8 hours (double sided disc)
			8 cm	Approx. 80 minutes (single sided disc)
				Approx. 160 minutes (double sided disc)
Video CD		Audio + Video (moving pictures)	12 cm	Approx. 74 minutes (single sided disc)
			8 cm	Approx. 20 minutes (single sided disc)
Audio CD		Audio	12 cm	Approx. 74 minutes (single sided disc)
			8 cm	Approx. 20 minutes (single sided disc)
DivX®		Audio + Video (moving pictures)	12 cm	It depends on the DivX® quality
			8 cm	

The following discs are also supported.

- DVD-R/RW discs containing files of DVD video format.
- CD-R/CD-RW discs containing CD-DA, Video CD, MP3, WMA, JPEG or DivX® files.
- Kodak Picture CD and FUJICOLOR CD

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 8 cm 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 or CD on the DVD player contained in this TV, please contact Toshiba Customer Service.

 is a trademark of DVD Format/Logo Licensing Corporation.

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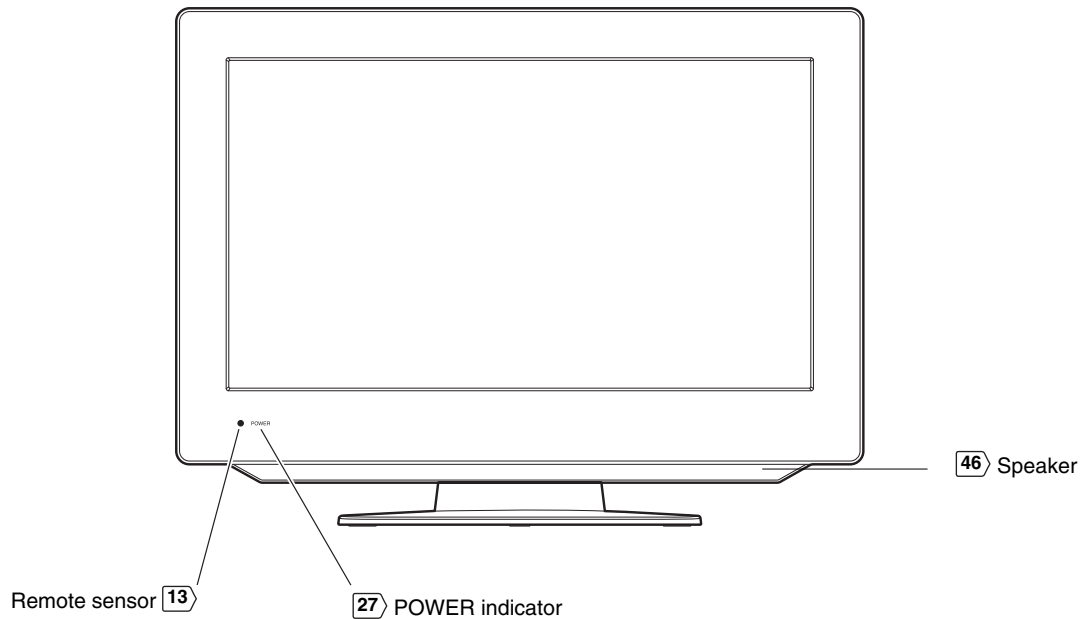
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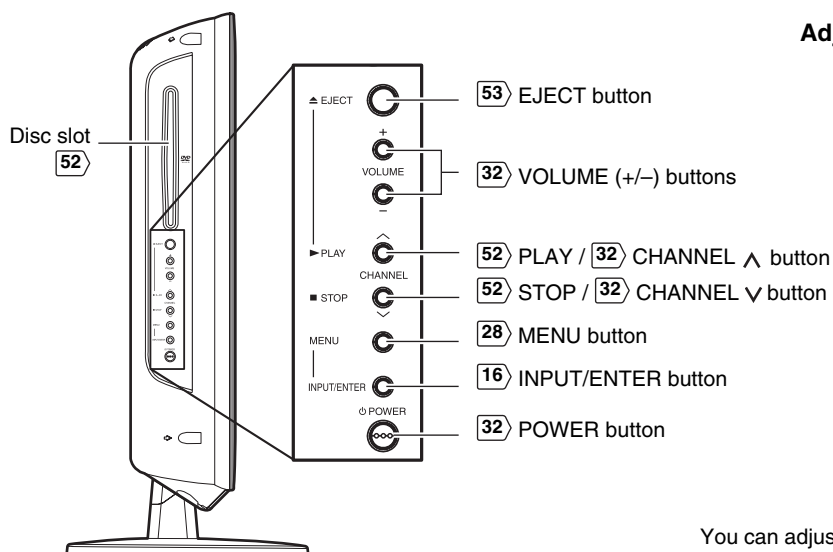
Identification of controls

See the page number enclosed in  for details. Unless otherwise indicated, figures are based on the 26-inch model.

Front Panel



Left Side



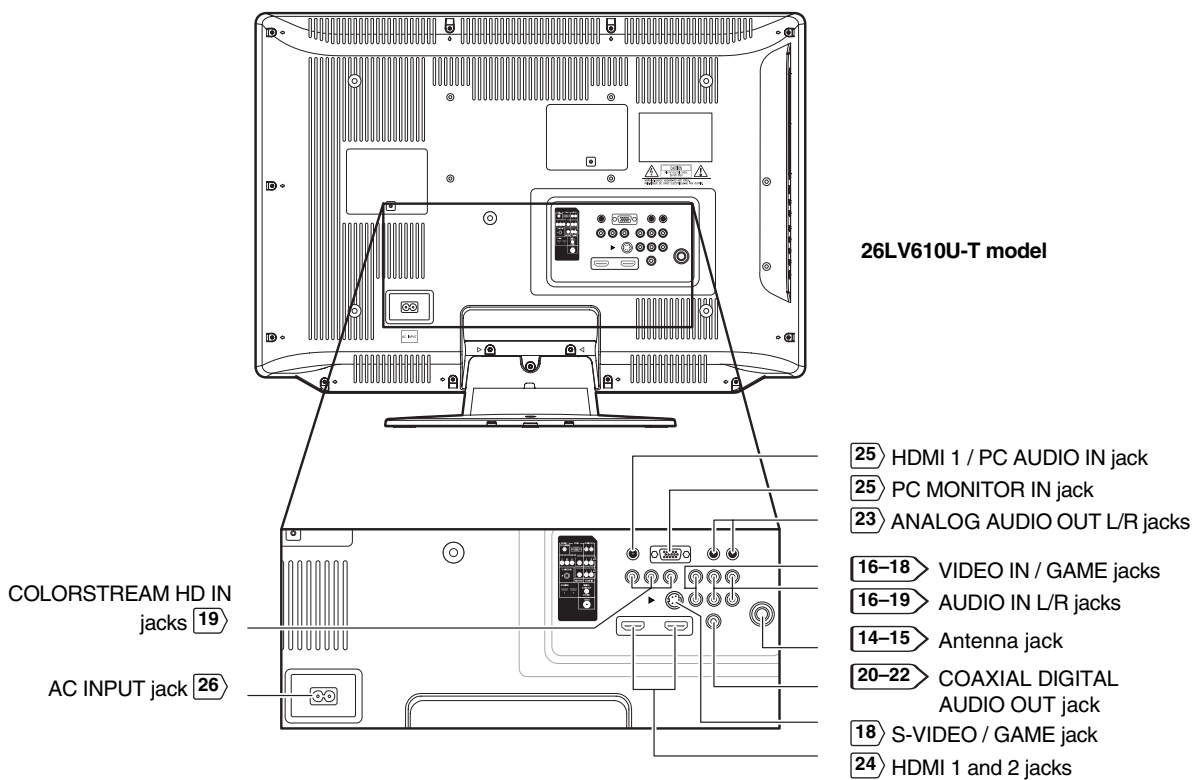
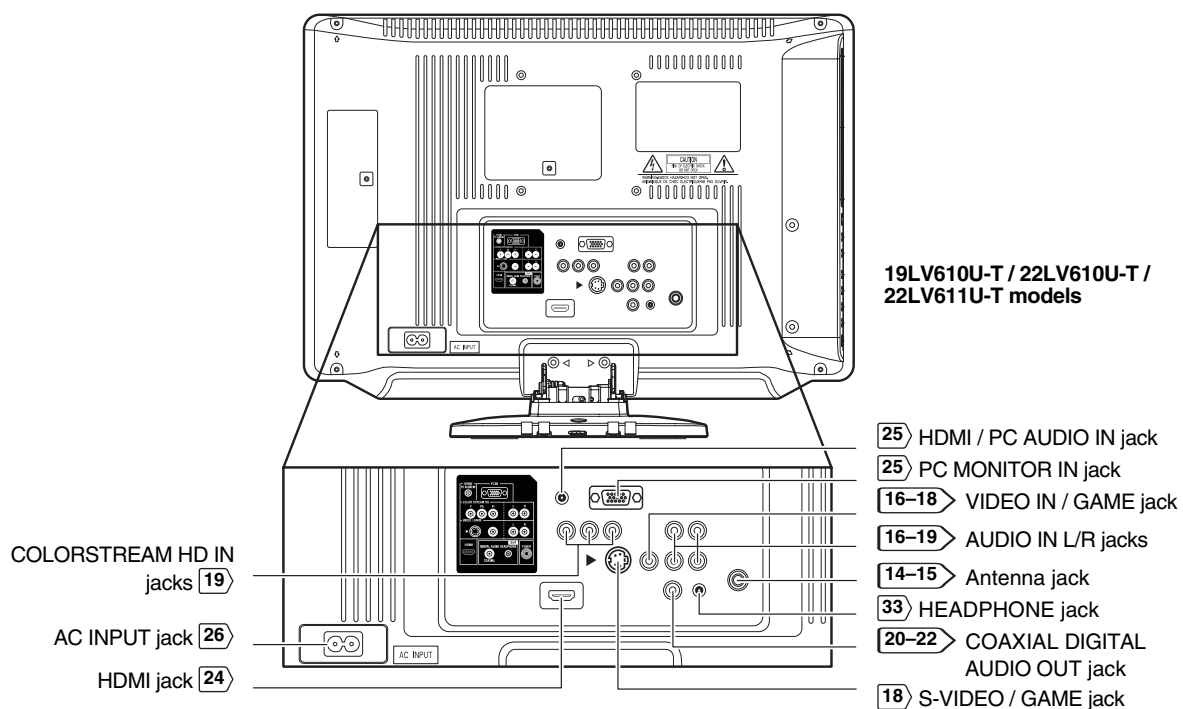
Adjusting the screen angle



Applicable to the following models only:
 - 19LV610U-T
 - 22LV610U-T
 - 22LV611U-T

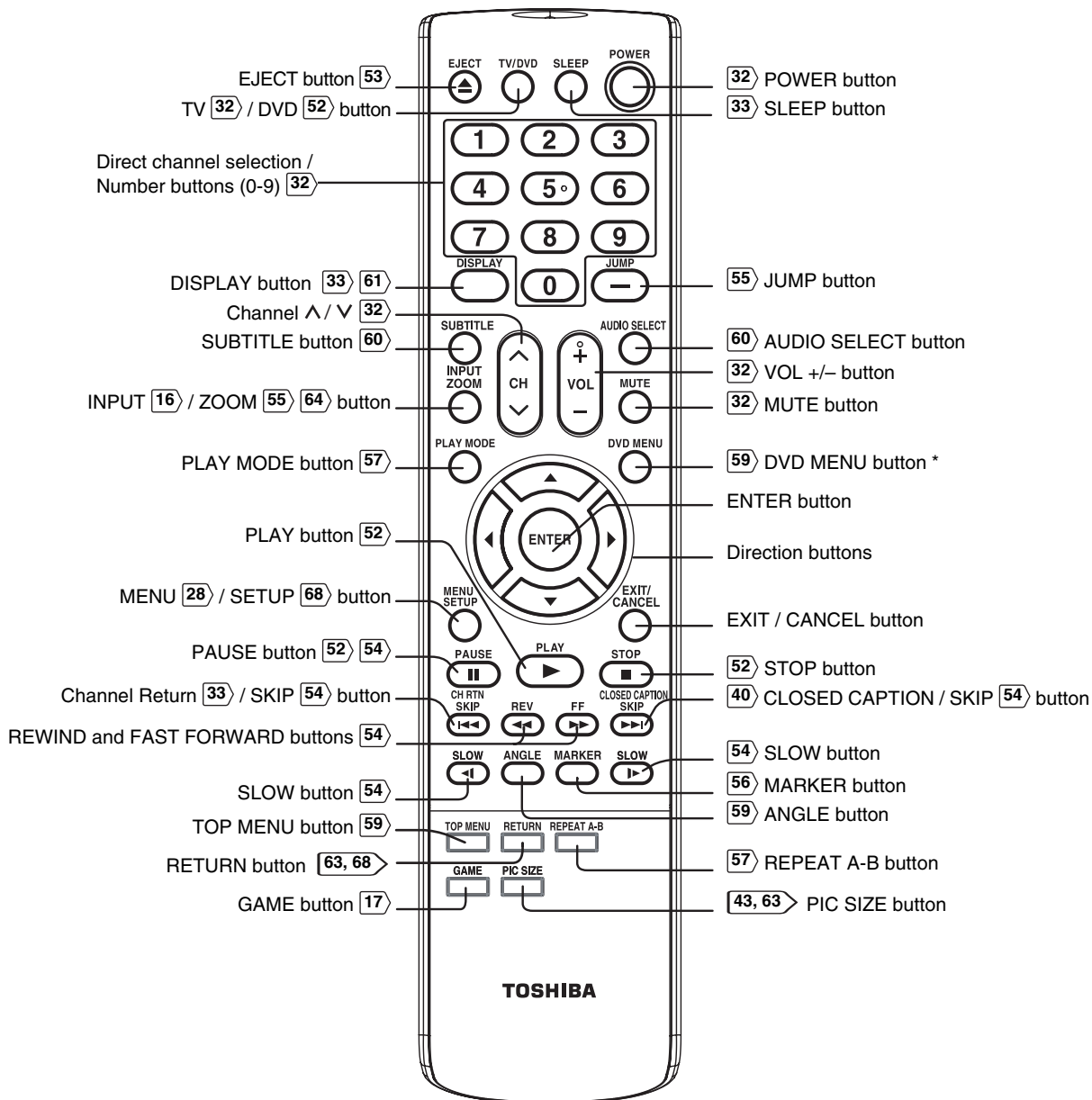
You can adjust the angle of the TV screen 2° forward or 10° backward from a vertical angle. Hold the base of the TV while adjusting the screen.

Rear Side



Identification of controls (continued)

Remote control

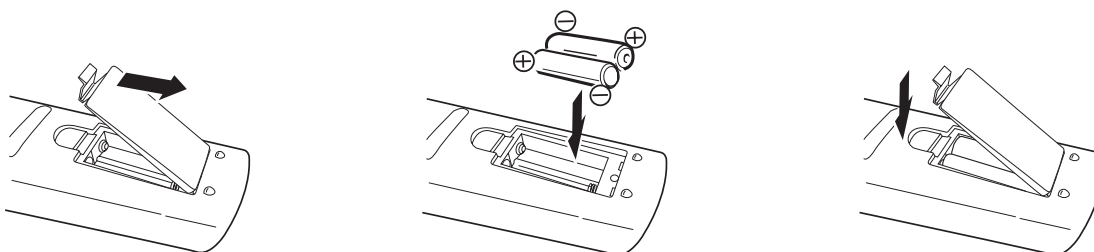


* DVD MENU button

Use the DVD MENU button to display the menu included on many DVD Video disc. To operate a menu, refer to the instructions in the "DVD menu" section on page [59].

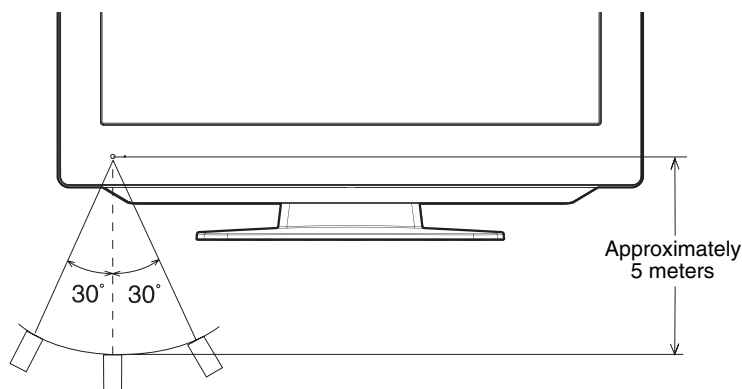
Inserting batteries

- 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 the control buttons to operate. Make sure the remote control is within approximately five meters and 30° angle (on either side) of the remote sensor.



Caution: Never throw batteries into a fire.

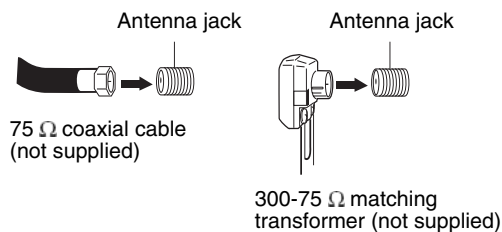
Notes:

- 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 replacing the remote control batteries, 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 already drained 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), go to page 15 for related connections.

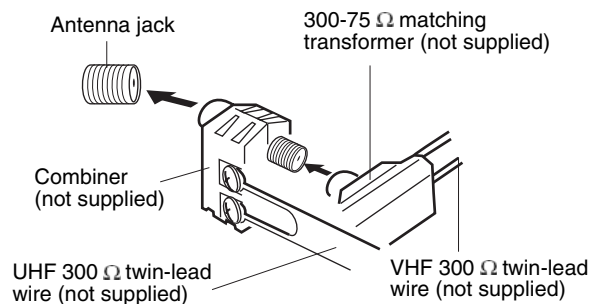
Combination VHF/UHF antenna (Single 75 Ω cable or 300 Ω twin-lead wire)



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

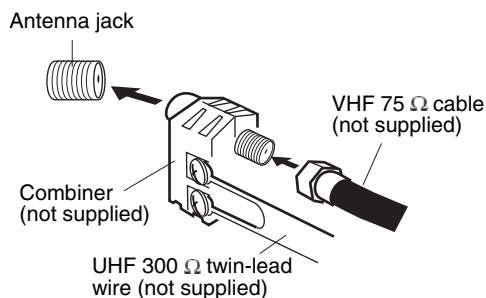
If your combination VHF/UHF antenna has a 300 Ω twin-lead wire, use the 300-75 Ω matching transformer (not supplied).

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



1. Connect the UHF 300 Ω twin-lead wire to the combiner (not supplied).
2. Connect the VHF 300 Ω twin-lead wire to the 300-75 Ω matching transformer (not supplied).
3. 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 Ω VHF cable and 300 Ω UHF twin-lead wires)

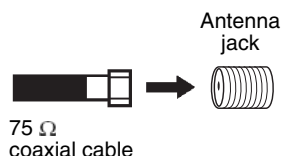


1. Connect the VHF 75 Ω cable and UHF 300 Ω twin-lead wire to the combiner (not supplied).
2. Attach the combiner to the antenna jack on the back of the TV/DVD.

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

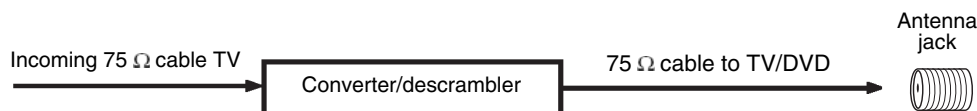


For basic cable service not requiring a converter/descrambler box, connect the cable TV 75 Ω coaxial cable directly to the antenna jack on the back of the TV/DVD.

Connections

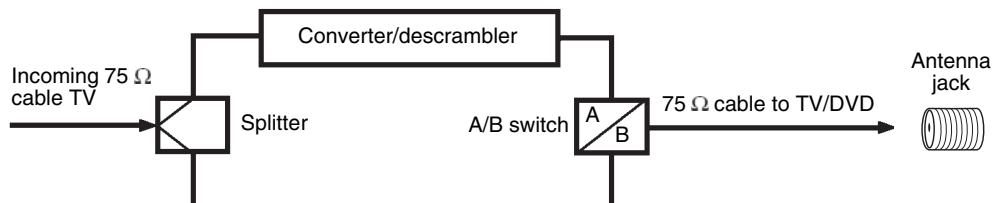
For subscribers to scrambled cable TV service

If you subscribe to a cable TV service which requires the use of a converter/descrambler box, connect the incoming 75 Ω coaxial cable to the converter/descrambler box. Using another 75 Ω 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

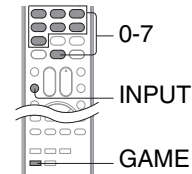
If you subscribe to a cable TV service in which basic channels are unscrambled and premium channels require the use of a converter/descrambler box, you may wish to use a signal splitter and an A/B switch box (available from the cable company or an electronics supply store). Follow the connections shown below. With the switch in the “B” position, you can directly tune any unscrambled 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.



Optional equipment connections

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

Important: Read the optional equipment's owner's manual for related connection instructions and reminders before connecting the device to your TV/DVD.



Using the audio/video inputs

Press **INPUT** to view a signal from another device connected to your TV/DVD, such as a VCR player. You can select TV, Video (Video 1, 2), ColorStream HD, HDMI (HDMI 1, 2), or PC depending on which input jacks you used to connect your devices. When the built-in disc player is used, select "DVD".

Press **INPUT** on the remote control to display the current signal source. To change the input source, press **INPUT** again or press the **Number buttons** (0-5 for the 19- and 22-inch models, 0-7 for the 26-inch model).

Source Selection	Source Selection
0.TV	0.TV
1.Video	1.Video1
2.ColorStream HD	2.Video2
3.HDMI	3.ColorStream HD
4.PC	4.HDMI1
5.DVD	5.HDMI2
[0-5]: Select	6.PC
	7.DVD
	[0-7]: Select

19- and 22-inch models

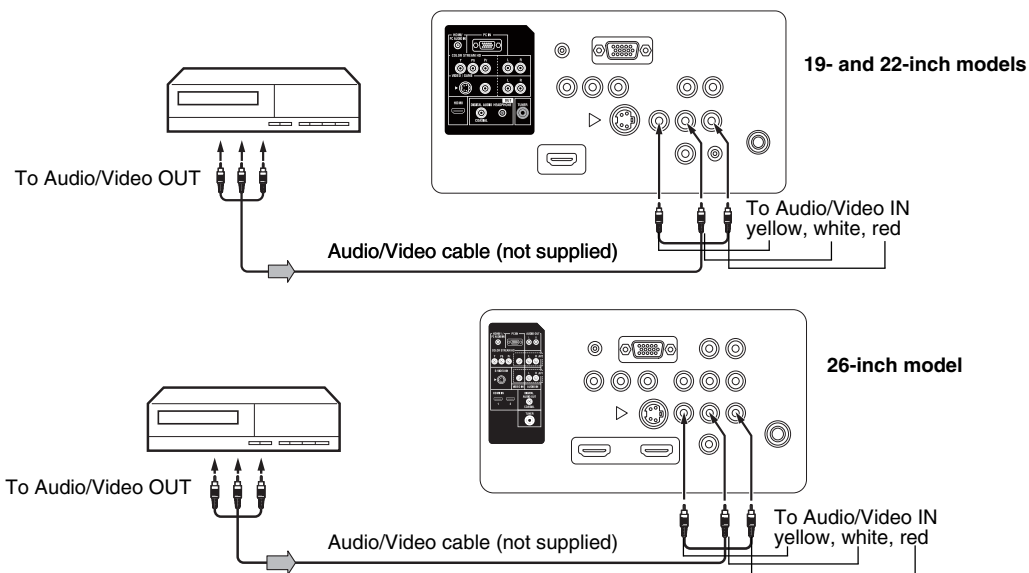
26-inch model

Optional equipment connection reminders

- All input terminals are located on the rear side of the TV.
- When you connect an equipment to your TV, be sure to turn off the power and unplug the equipment from the wall outlet before making any connections.
- Placing the TV near a tuner or radio can distort the radio broadcast sound. If this is the case, move the unit away from the tuner and radio.
- The arrow direction ➡ in the succeeding figures indicates the signal flow.

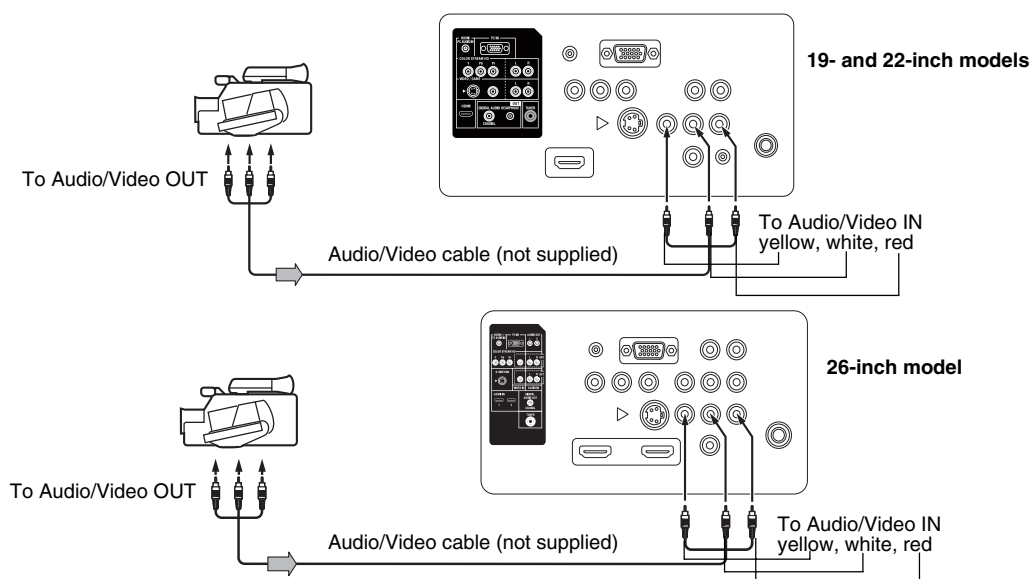
Connecting to a VCR

Connect the VCR to the TV/DVD as shown. Select "Video" by pressing **INPUT** repeatedly.



Connecting to a camcorder

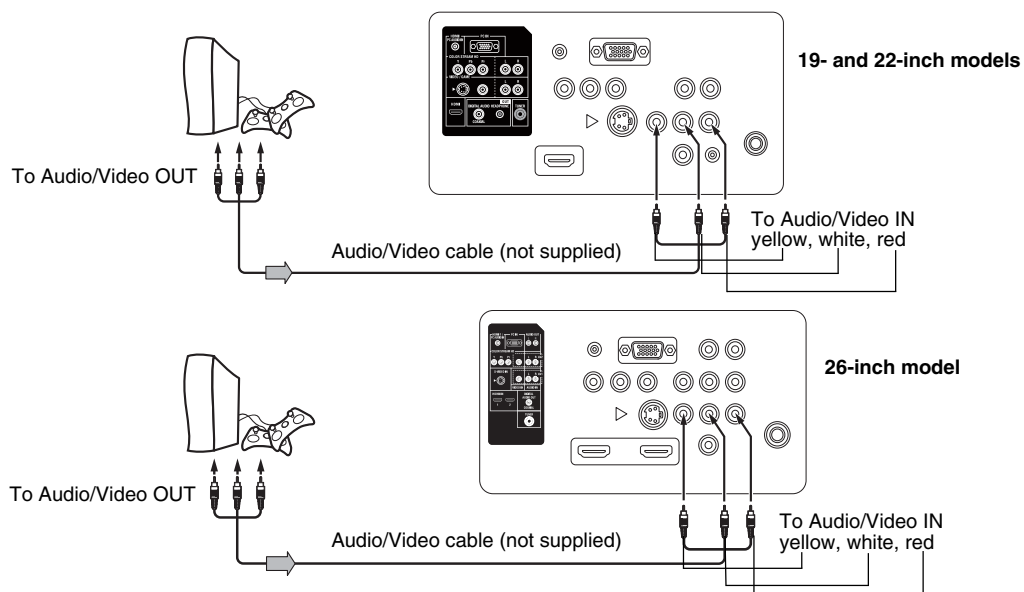
Connect the camcorder to the TV/DVD as shown. Select "Video" by pressing **INPUT** repeatedly.



Connections

Connecting to a game console

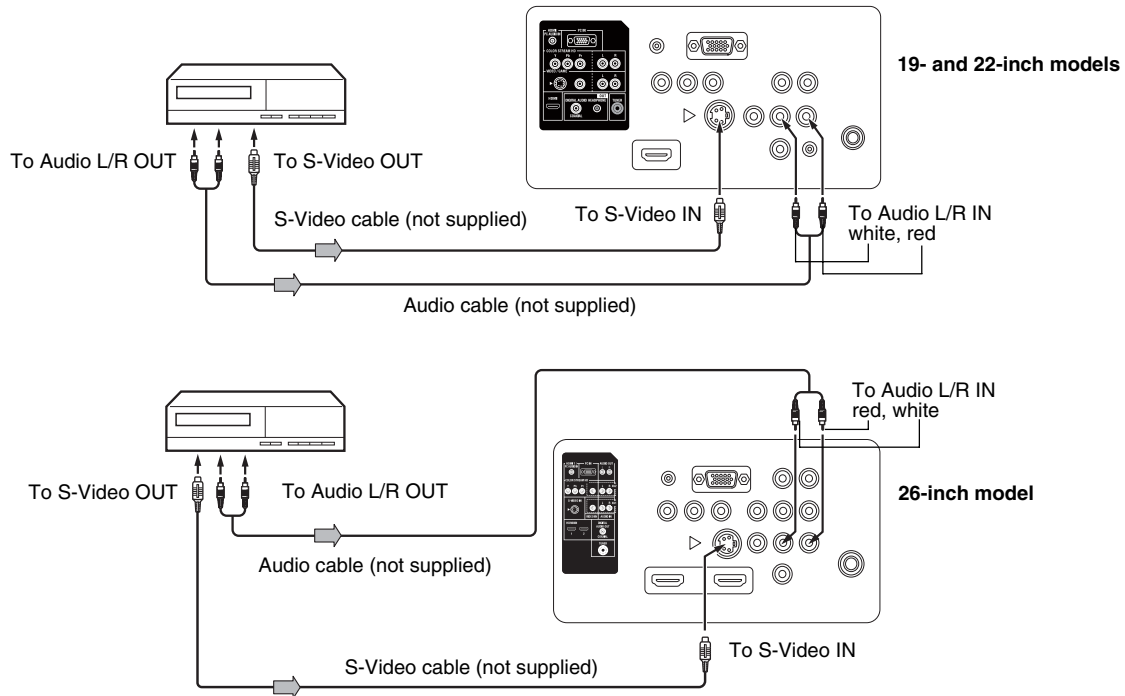
You can use your TV as a display device for many video game consoles. Hook-up instructions for game consoles vary so you need to consult your device's user manual for applicable instructions. This section shows an AUDIO/VIDEO IN connection. Once connected, press **GAME** to display the *Game mode* screen.



Optional equipment connections (continued)

Connecting to an optional equipment with S-Video output

If you connect a device with an S-Video cable to the TV's S-VIDEO IN jack, you must also connect the audio cables to the AUDIO IN jacks as shown below. The S-Video cable only carries the video signal. The audio signal is separated. Select "Video" ("Video 1") by pressing **INPUT** repeatedly.



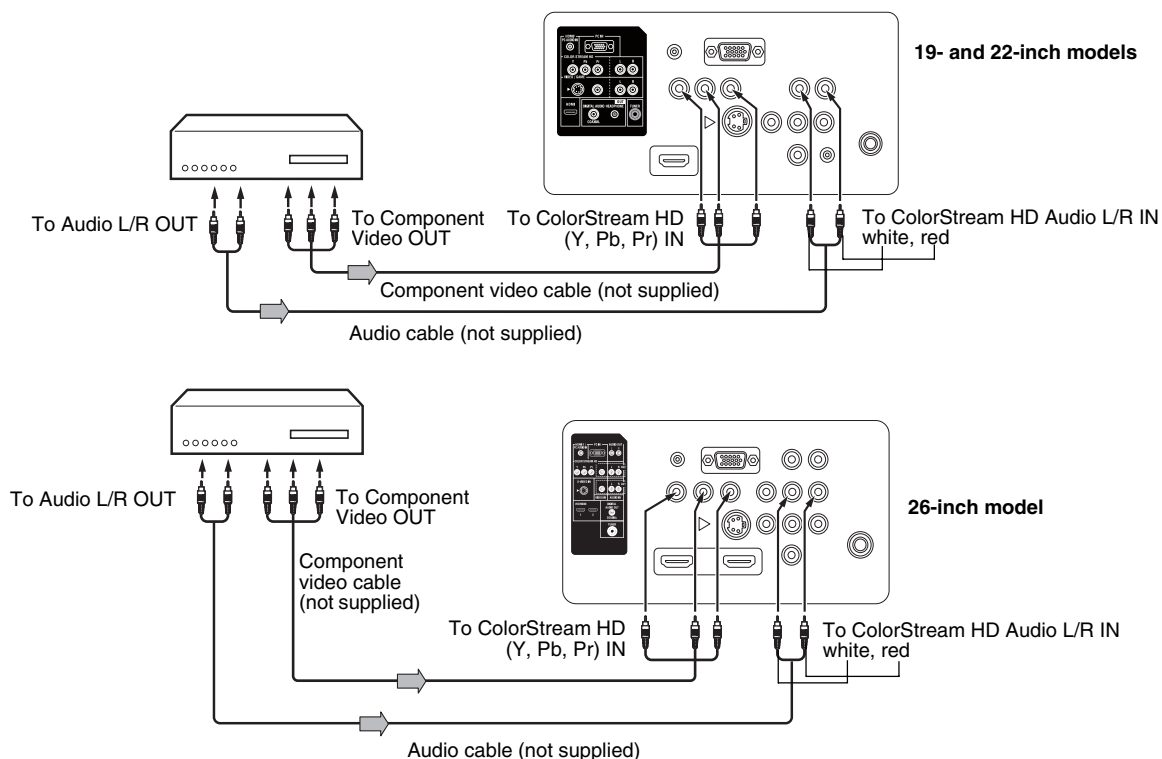
Note: When the S-Video cable and the standard video cable are connected at the same time, the S-Video cable takes precedence.

Connecting to an optional equipment with ColorStream® (component video) output

Your TV/DVD supports ColorStream® (component video) connection. When using a component video cable, you must also connect the audio cables to the COLORSTREAM HD AUDIO IN jacks as shown below. Select "ColorStream HD" by pressing **INPUT** repeatedly.

Note: The ColorStream® inputs on this unit are compatible with devices that output 480i, 1080i interlaced signals and 480p, 720p progressive signals.

Connections



Optional equipment connections (continued)

You can enjoy high quality dynamic sounds by connecting the TV to an optional audio equipment.

The succeeding sections use the following reference marks.

■ : Front speaker	□ : Center speaker
■ : Rear speaker	⇒ : Signal flow
■ : Subwoofer	

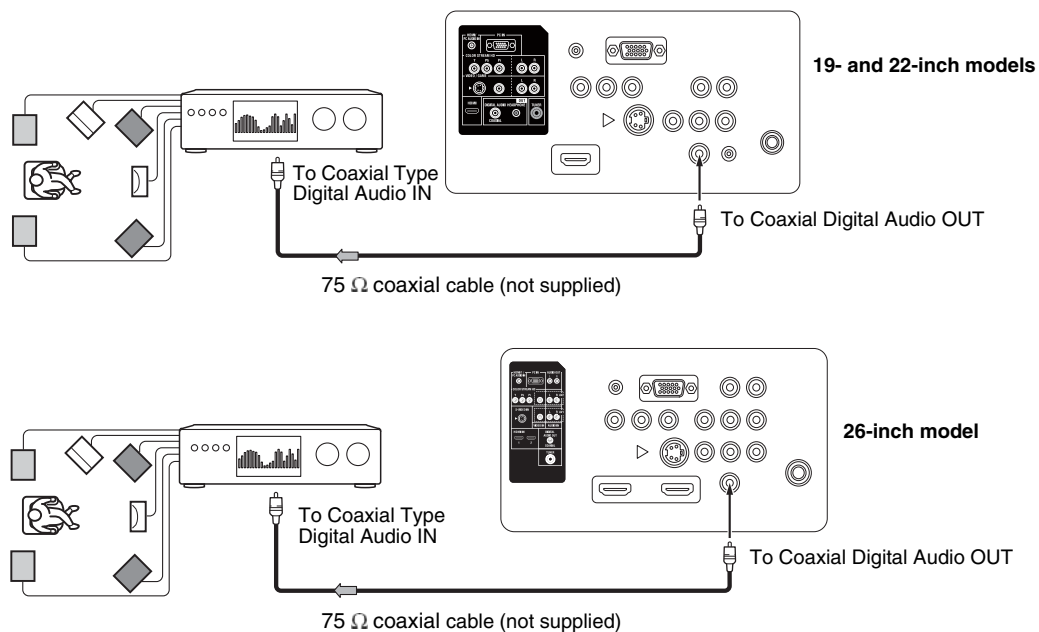
Optional audio equipment connection reminders

- DO NOT connect the Coaxial Digital Audio OUT jack of the TV to the RF input of a Dolby Digital receiver. This input on your receiver is reserved for Laserdisc use only and is incompatible with the Coaxial Digital Audio OUT jack on the TV.
- Your TV has a wide dynamic range output sound. Be sure to adjust the receiver's volume to a moderate listening level to prevent damaging the speakers and harming your hearing from sudden high volume sound.
- When using an external audio amplifier, make sure the volume on both the TV and the amplifier is set to a reasonable listening level.

Connecting to an amplifier equipped with a Dolby® Digital decoder

Dolby Digital

Dolby Digital is the surround sound technology used in movie theaters. This technology is now readily available for home entertainment. You can enjoy motion picture and live concert DVD encoded via the Dolby Digital recording system by connecting your TV to a 6-channel amplifier equipped with a Dolby Digital decoder or a Dolby Digital processor.

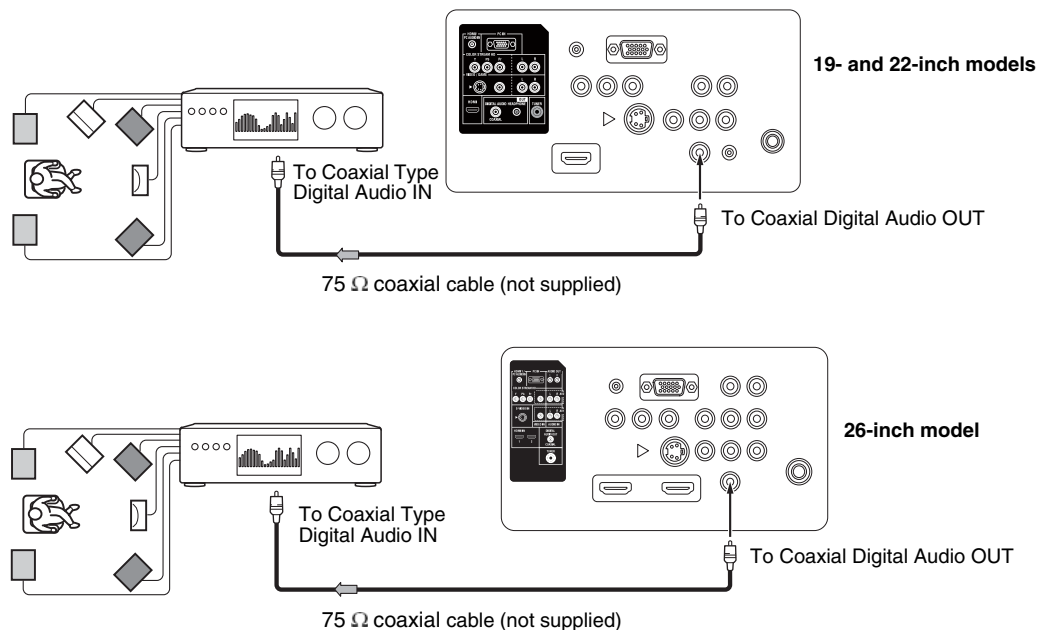


Manufactured under license from Dolby Laboratories. Dolby and the double-D symbol are trademarks of Dolby Laboratories.

Connecting to an amplifier equipped with a DTS® decoder

Digital Theater Systems (DTS)

DTS is a high quality surround technology used in theaters. If you have a DTS decoder or processor, you can obtain the full benefit of 5.1 channel DTS encoded soundtracks on DVDs and audio CDs.



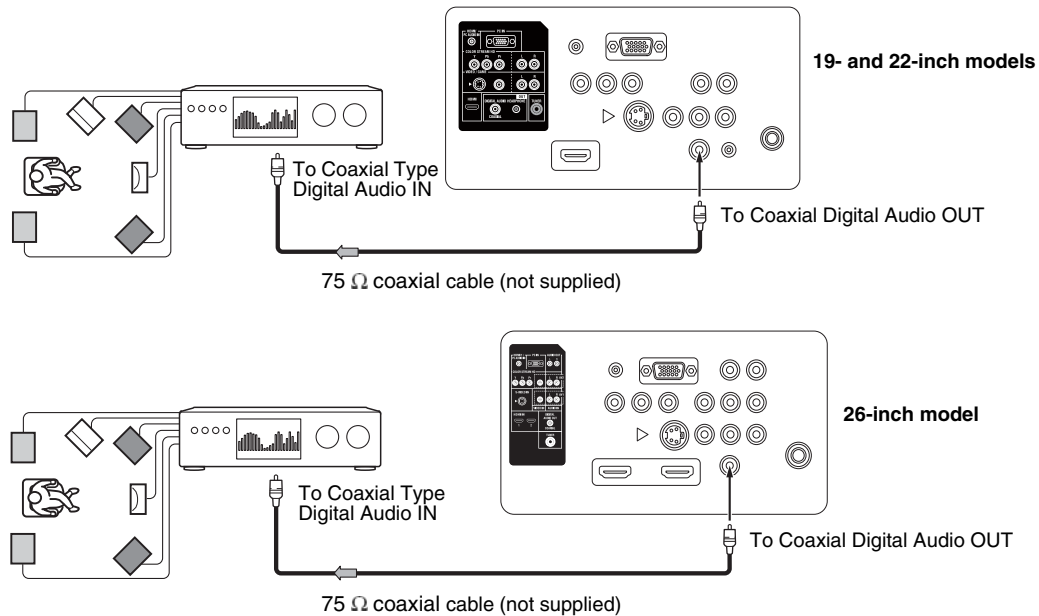
Manufactured under license under U.S. Patent #: 5,451,942 & other U.S. and worldwide patents issued & pending. DTS and DTS Digital Out are registered trademarks and the DTS logos and Symbol are trademarks of DTS, Inc. © 1996-2008 DTS, Inc. All Rights Reserved.

Optional equipment connections (continued)

Connecting to an amplifier equipped with an MPEG audio decoder

MPEG2 sound

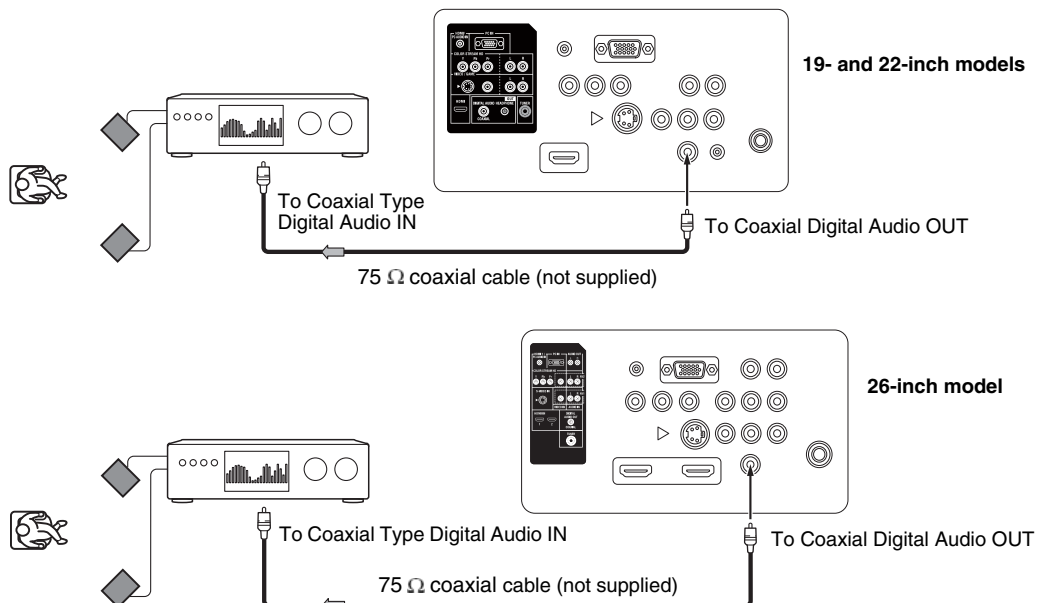
You can watch motion picture and live concert DVDs encoded via the MPEG2 recording system. Enjoy dynamic realistic sound by connecting an amplifier equipped with an MPEG2 audio decoder or MPEG2 audio processor.



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 that PCM audio is limited to DVD and CD playback.

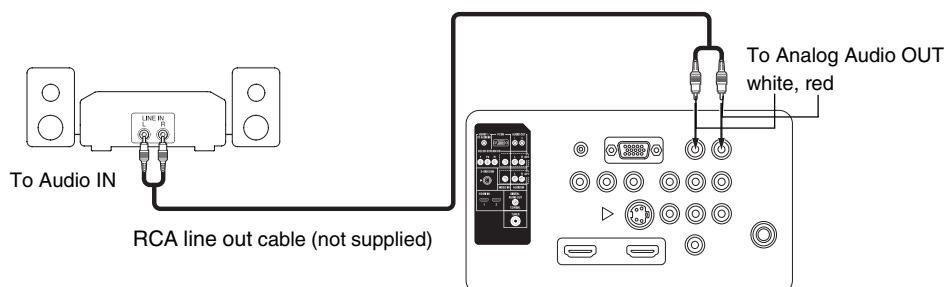


Connecting an analog audio amplifier (26LV610U-T model only)

This connection allows you to use an external analog audio amplifier to adjust the sound level.

To control the audio:

1. Turn on the TV and the stereo amplifier.
2. Turn off the TV's built-in speakers. Refer to the "Turning off the built-in speakers" section on page 49.



Note: When using an external audio amplifier, make sure the volume on both the TV and the amplifier is set to a reasonable listening level.

Optional equipment connections (continued)

Connecting to an HDMI or a DVI device

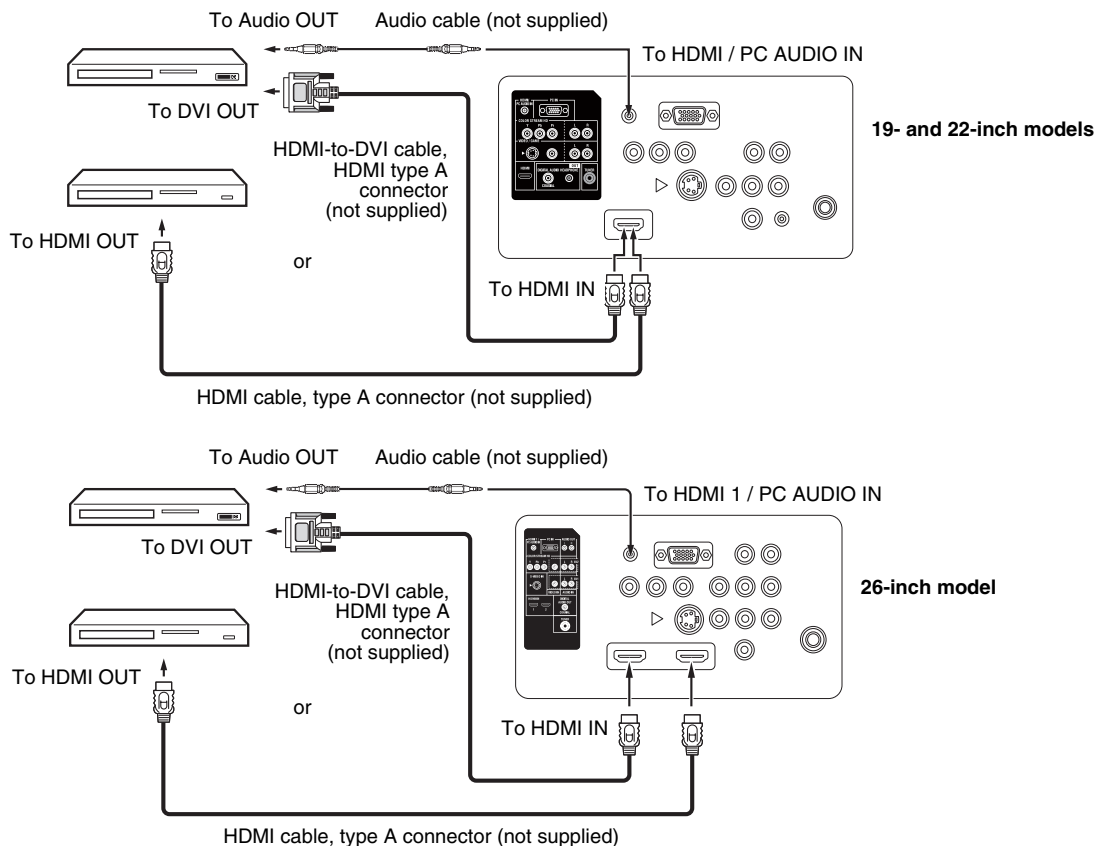
About HDMI

HDMI (High Definition Multimedia Interface) supports both video and audio on a single digital connection for use with DVD players, DTV, set-top boxes, and other AV devices. HDMI was developed to provide the technologies of High Bandwidth Digital Content Protection (HDCP) as well as Digital Visual Interface (DVI) in one specification. HDCP is used to protect digital content transmitted and received by DVI-compliant or HDMI-compliant displays.

HDMI has the capability to support standard, enhanced, or high-definition video plus standard to multi-channel surround sound audio. HDMI features include uncompressed digital video, a bandwidth of up to 2.2 gigabytes per second (with HDTV signals), one connector (instead of several cables and connectors), and communication between the AV source and AV devices such as DTVs.

HDMI / DVI device connection reminders

- The HDMI-to-DVI adapter cable only transfers the video signal. You need separate analog leads to transfer the audio signal.
- You must select the corresponding audio input source (HDMI or DVI). Otherwise, you will only see the image. There will be no audio. Refer to the "Selecting the HDMI audio input source" section on page 47.
- *For the 26LV610U-T model only:* The HDMI 2 jack has no analog audio input. If you connect a DVI device to it, there will be no audio output from the TV speakers. If you want to hear a DVI device's audio through the TV speakers, connect the DVI device to the HDMI 1 jack.



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

Connecting a computer

You can use your TV as a display device for your computer. Before you connect the computer to your TV, adjust the computer's resolution and refresh rates (60 Hz). There are several cable choices for connecting a computer to your TV.

■ Using a VGA cable

1. Connect one end of the VGA cable (male-to-male) to the VGA monitor port of the computer, then the other end to the PC MONITOR IN jack of the TV.
2. Connect the audio cable to the audio out jack of the computer, then the other end to the HDMI IN / PC AUDIO IN jack of the TV.

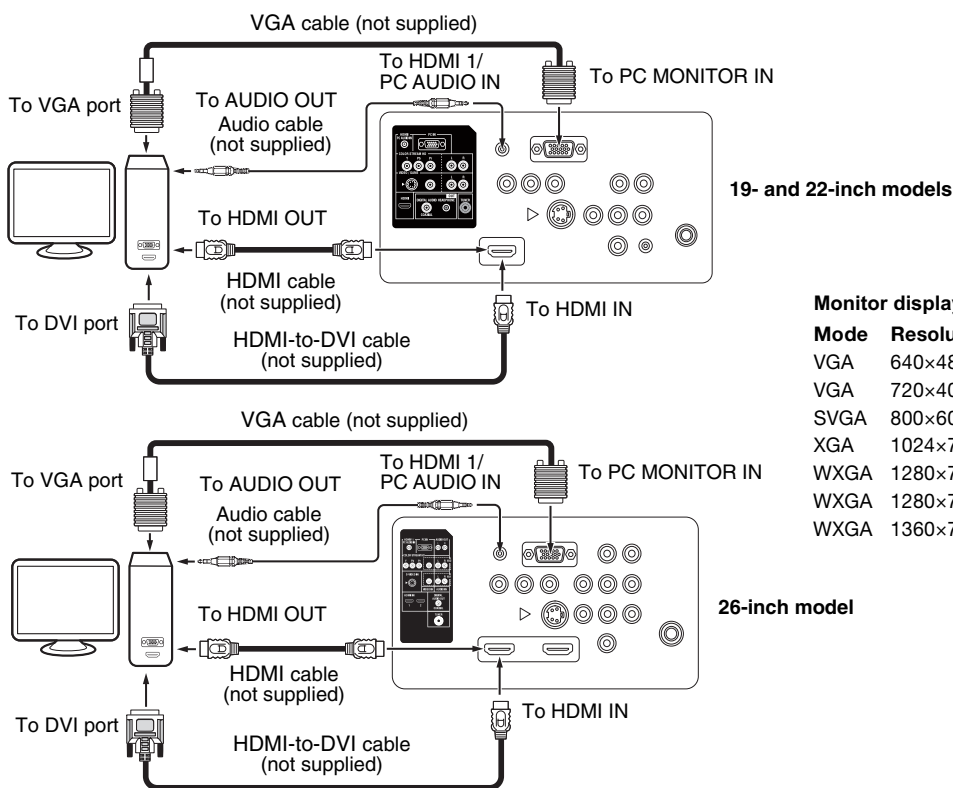
■ Using an HDMI-to-DVI cable

1. Connect one end of the HDMI-to-DVI cable to the DVI out port of the computer, then the other end to the HDMI IN jack of the TV.
2. Connect the audio cable to the audio out jack of the computer, then the other end to the HDMI IN / PC AUDIO IN jack of the TV.

■ Using an HDMI cable

Connect one end of the HDMI cable to the HDMI out port of the computer, then the other end to the HDMI IN jack of the TV. When the HDMI cable is used, the audio cable is no longer required.

Switch on the computer. Select "PC" by pressing **INPUT** repeatedly (If you used an HDMI cable, select "HDMI"). To return to normal mode, press **INPUT** again.



Monitor display modes

Mode	Resolution	Refresh rate
VGA	640×480	60/72/75 Hz
VGA	720×400	70 Hz
SVGA	800×600	56/60/72/75 Hz
XGA	1024×768	60/70/75 Hz
WXGA	1280×768	60 Hz
WXGA	1280×720	60 Hz
WXGA	1360×768	60 Hz

Notes:

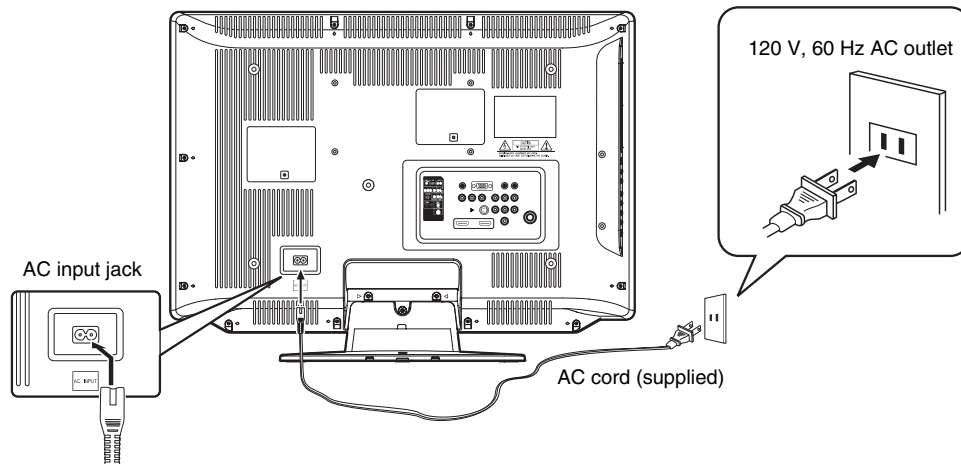
- The on-screen display will have a different appearance in PC mode than in TV mode.
- If there is flickering in the display or if the display appears distorted or misaligned, adjust the PC settings. See "Adjusting the picture in PC mode" on page 45.
- When the TV is in PC mode and there is no video signal from the computer, the "No signal" message appears on-screen.

AC power connection

Connecting to a power source

To connect AC power:

1. Connect the AC cord plug into the TV/DVD's AC INPUT jack.
2. Connect the AC cord into an AC outlet.



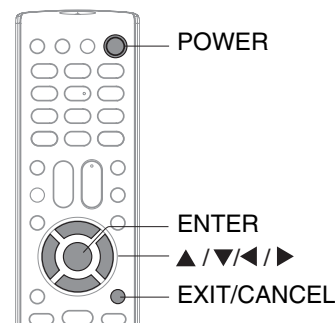
Notes:

- Never connect the AC cord plug to other than the specified voltage (120 V, 60 Hz). Use the supplied power cord only.
- 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 approximately five (5) seconds before pressing **POWER**.

Auto Setup

The Auto Setup function helps to configure your TV/DVD for initial operation. It lets you select the system language, the TV signal type, and perform an automatic channel search.

Important: Make sure that the antenna or cable TV system connection is made.



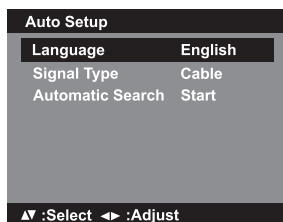
Auto Setup

1 Press POWER on the unit or on the remote control.

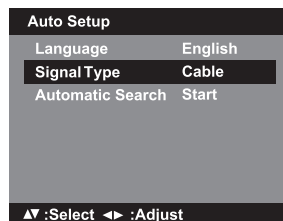
The POWER indicator on the front of the unit changes to green. It may take approximately 10 seconds for a picture to appear on-screen.



2 The Auto Setup menu appears on screen. "Language" is automatically highlighted. Press ◀ or ▶ to select your preferred language.

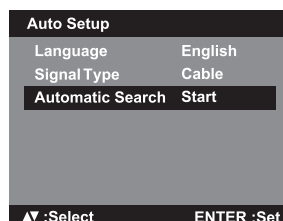


3 Press ▲ or ▼ to select "Signal Type", then press ◀ or ▶ to select "Air" or "Cable".

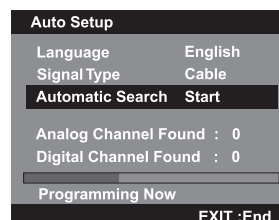


Air – VHF/UHF channels
Cable – Cable TV channels

4 Press ▲ or ▼ to select "Automatic Search", then press ▶ or ENTER.



5 The automatic channel search starts.



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

If you want to stop the Automatic Search, press **EXIT/CANCEL**. Only channels detected before the cancellation will be stored.

After the Automatic Search is completed, the first TV channel detected appears on the screen.

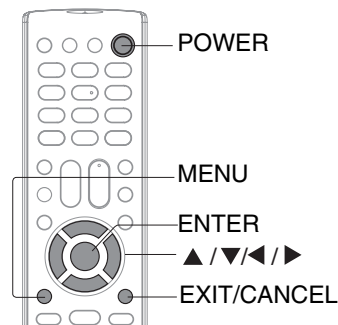
Notes:

- The Auto Setup function is only available the first time you turn on the TV/DVD.
- The Automatic Search process may take 15 to 30 minutes to complete, depending on your regional cable service.

Basic setup

Language setup

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



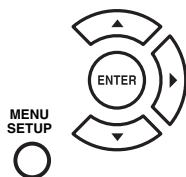
Setting the language

1 Press POWER on the unit or on the remote control.

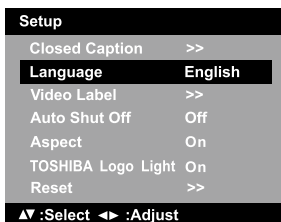
The POWER indicator on the front of the unit changes to green. It may take approximately 10 seconds for a picture to appear on-screen.



2 Press MENU to display the *Main Menu* screen. Press ▲ or ▼ to select “Setup”, then press ► or ENTER.



3 Press ▲ or ▼ to select “Language”.



4 Press ◀ or ▶ to select the preferred language: English, French (Français) or Spanish (Español).



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

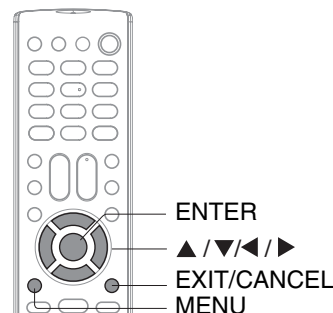


Notes:

- If no buttons are pressed for more than about 60 seconds, the screen will automatically return to normal mode.
- The TV and DVD modes have separate setup menus. Go to page [68](#) for more information on the disc playback menus.

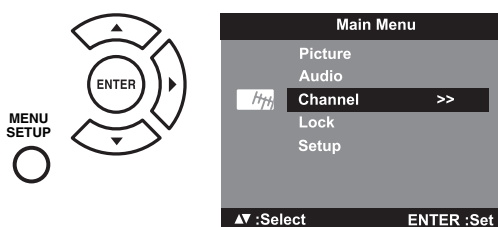
Channel memory

This TV/DVD is equipped with a channel memory feature which allows channel browsing of saved channels only; unwanted channels are skipped. Before using this function, channels must first be programmed into the TV/DVD's memory. When shipped from the factory, the "Signal Type" option is set to "Cable" mode. To use this TV/DVD with an antenna, set this option to "Air" mode.

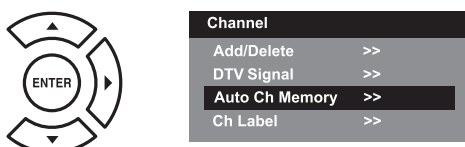


Selecting the signal type

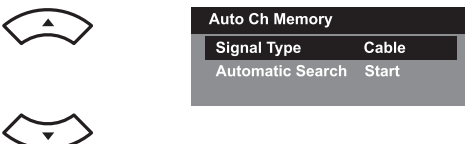
- 1 In TV mode, press MENU to display the *Main Menu* screen. Press ▲ or ▼ to select "Channel", then press ▶ or ENTER.



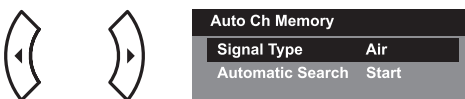
- 2 Press ▲ or ▼ to select "Auto Ch Memory", then press ▶ or ENTER.



- 3 Press ▲ or ▼ to select "Signal Type".



- 4 Press ◀ or ▶ to select "Air" or "Cable".



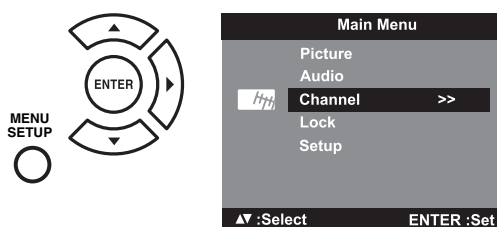
Air – VHF/UHF channels
Cable – Cable TV channels

- 5 Press EXIT/CANCEL to return to the normal screen.

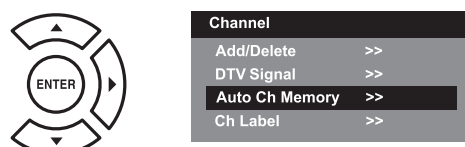


Performing an automatic search

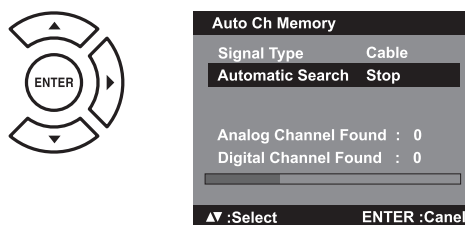
- 1 In TV mode, press MENU to display the *Main Menu* screen. Press ▲ or ▼ to select "Channel", then press ▶ or ENTER.



- 2 Press ▲ or ▼ to select "Auto Ch Memory", then press ▶ or ENTER.



- 3 Press ▲ or ▼ to select "Automatic Search", then press ▶ or ENTER.

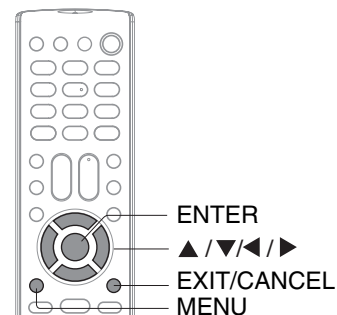


The TV/DVD will begin memorizing all the channels available in your area. If you want to stop the Automatic Search, press **ENTER**. Only channels detected before the cancellation will be stored.

After the Automatic Search is completed, the first TV channel detected appears on the screen.

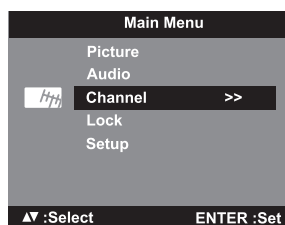
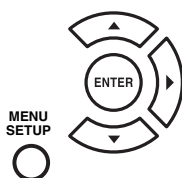
Basic setup

Channel memory (continued)

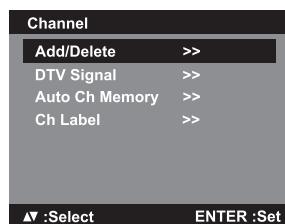


Adding/deleting a channel

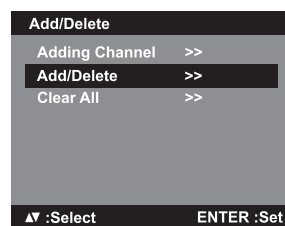
- 1** In TV mode, press MENU to display the *Main Menu* screen. Press ▲ or ▼ to select “Channel”, then press ▶ or ENTER.



- 2** Press ▲ or ▼ to select “Add/Delete”, then press ▶ or ENTER.



- 3** Press ▲ or ▼ to select “Add/Delete”, then press ▶ or ENTER.



- 4** Press ▲ or ▼ to select a channel.



Add/Delete		
▲ CH	Signal	
2	Analog	Add
3	Analog	Add
3-001	Digital	Delete
3-002	Digital	Add
4	Analog	Delete
▼		
▲▼ :Select ◀▶ :Adjust		

- 5** Press ◀ or ▶ to select “Add” or “Delete”, whichever action you want to perform.



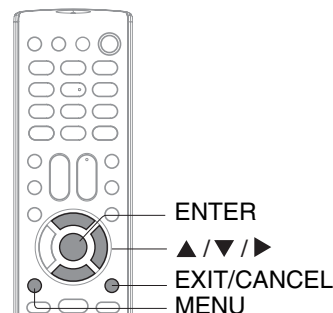
Add/Delete		
▲ CH	Signal	
2	Analog	Delete
3	Analog	Add
3-001	Digital	Delete
3-002	Digital	Add
4	Analog	Delete
▼		
▲▼ :Select ◀▶ :Adjust		

- 6** Repeat steps 4–5 for other channels you want to add or delete.

- 7** Press EXIT/CANCEL to return to the normal screen.



Channel memory (continued)

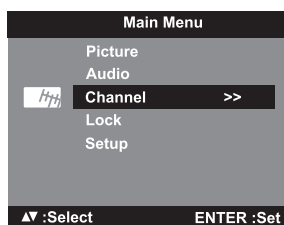
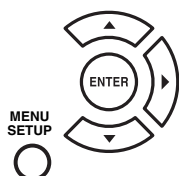


Adding channel (digital channel only)

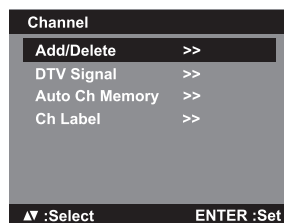
If you found a new unsaved channel, you can add it into the channel memory.

1 Tune in to the new channel.

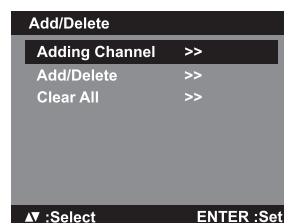
2 Press MENU to display the *Main Menu* screen. Press ▲ or ▼ to select “Channel”, then press ► or ENTER.



3 Press ▲ or ▼ to select “Add/Delete”, then press ► or ENTER.



4 Press ▲ or ▼ to select “Adding Channel”, then press ► or ENTER. The new channel will be added into the channel memory.



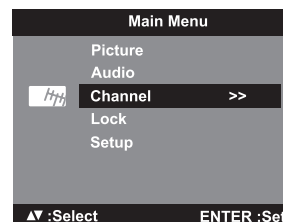
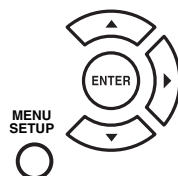
5 Press EXIT/CANCEL return to the normal screen.



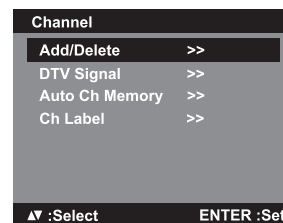
Removing all channels

You can remove all channels from the channel memory.

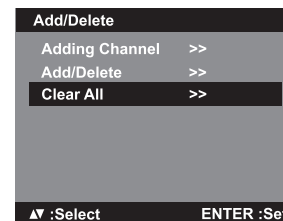
1 In TV mode, press MENU to display the *Main Menu* screen. Press ▲ or ▼ to select “Channel”, then press ► or ENTER.



2 Press ▲ or ▼ to select “Add/Delete”, then press ► or ENTER.

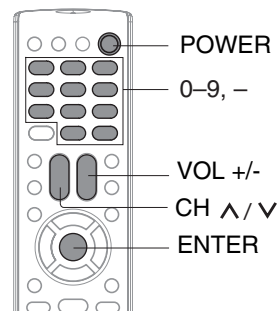


3 Press ▲ or ▼ to select “Clear All”, then press ► or ENTER.



Basic setup

TV operations



Basic operations

■ Power on

Press **POWER** on the unit or on the remote control. The POWER indicator on the front of the unit changes to green. It may take approximately 10 seconds for a picture to appear on-screen.



■ TV signal selection

Select the TV signal type during the Auto Setup operation. Go to page 27 for more information.

- Air** – VHF/UHF channels
- Cable** – Cable TV channels

■ Volume adjustment

Press **VOL + / -** to adjust the volume level. The volume status bar indicates the volume level. As the volume level increases, so do the number of orange bars. If the volume decreases, the number of orange bars also decreases.



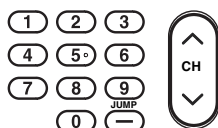
■ Volume mute

Press **MUTE** to switch off the sound. The TV/DVD's sound will be turned off and "Mute" will appear on-screen. Press MUTE again or **VOL + / -** to turn the sound on.



■ Channel selection

Press the **Direct Channel Selection** buttons (0-9, -) or **CH ^ / v** to select a channel. If you use **Direct Channel Selection**, there will be a few seconds delay before the channel is displayed.



Note: If the selected channel is not broadcasting, the sound will automatically be muted.

■ Analog channel selection

- 1-9** Press 1-9 as needed. For example, to select channel 2, press **2**, then press **ENTER**.
- 10-99** Press the 2 digits in order. For example, to select channel 12, press **1**, **2**, then press **ENTER**.
- 100-135** Press the 3 digits in order. For example, to select channel 120, press **1**, **2**, **0**, then press **ENTER**.

■ Digital channel selection

Press the first 3 digits, then press **-**, followed by the remaining number. For example, to select channel 015-001, press **0**, **1**, **5**, **-**, **0**, **0**, **1**.

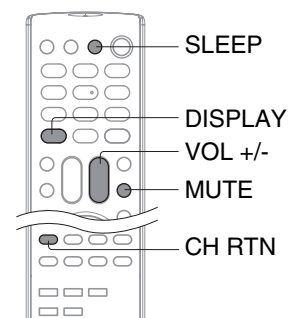
- If the channel selected has only audio content, the message "Audio only" will appear on-screen.
- If the digital channel selected has a weak signal, the message "Digital channel signal strength is low." will appear on-screen. The same program may be available on either an analog or digital channel. You may choose to switch format.

Note: There will be a few seconds delay before a digital channel is displayed.

■ VHF / UHF / Cable Channels

Air	Cable
VHF 2-13	VHF 2-13
UHF 14-69	STD/HRC/IRC 14-36 (A) (W) 37-59 (AA) (WW) 60-85 (AAA) (ZZZ) 86-94 (86) (94) 95-99 (A-5) (A-1) 100-135 (100) (135) 01 (5A)

TV operation (continued)



Basic operations (continued)

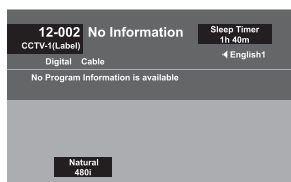
■ Information display

Press **DISPLAY** to display the current settings information on the screen.



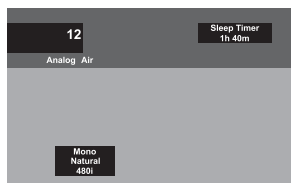
This info display will be on-screen for a few seconds after which the TV/DVD will automatically return to normal TV operation.

When the TV/DVD receives a digital signal, the digital information will appear.



- Channel number
- Channel label (if preset)
- V-Chip rating
- Sleep timer
- Program guide
- Resolution
- Station name
- Broadcast program name
- Signal type
- Audio language
- Picture size

When the TV/DVD receives an analog signal, the analog information will appear.



- Channel number
- V-Chip rating
- Sleep timer
- Picture size
- Channel label (if preset)
- Signal type
- Audio information (Stereo, SAP or Mono)
- Resolution

■ Last channel display

Press **CH RTN** to display the last channel selected prior to the current channel. Press **CH RTN** again to go back to the channel you were watching.



■ Sleep function

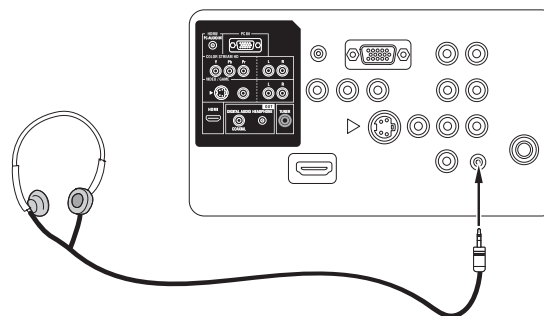
Press **SLEEP** to set the TV/DVD to turn off after a preset amount of time.



The clock will count up 10 minutes for each press of the **SLEEP** button (Off, 0h 10m, 0h 20m, ..., 2h 0m). After the sleep setting is programmed, the display will appear briefly every ten minutes to remind you that the sleep timer is enabled.

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.

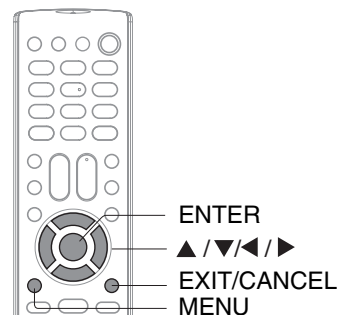
■ **Headphone** (only for the 19- and 22-inch models)
Insert a stereo headphone (not supplied) with a 1/8-inch (3.5 mm) mini plug into the HEADPHONE jack on the rear panel.



Note: Connecting a headphone to the TV/DVD will mute the sound from the built-in speakers.

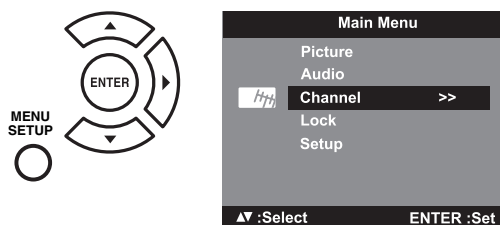
Channel labels

Channel labels appear with the channel number display each time you turn on the TV/DVD, select a channel, or press **DISPLAY**.

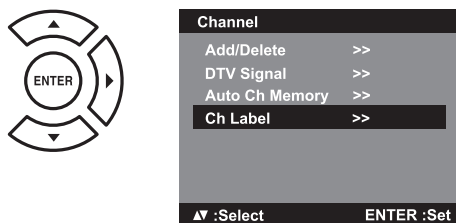


Labeling channels

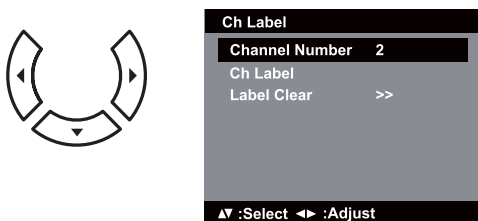
- 1** In TV mode, press **MENU** to display the *Main Menu* screen. Press **▲** or **▼** to select “Channel”, then press **▶** or **ENTER**.



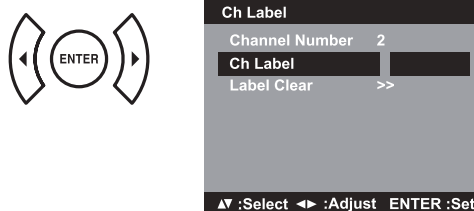
- 2** Press **▲** or **▼** to select “Ch Label”, then press **▶** or **ENTER**.



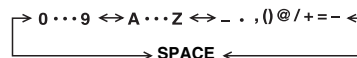
- 3** Press **◀** or **▶** to select the channel you want to label, then press **▼**.



- 4** Press **◀** or **▶** repeatedly until the character you want appears in the first space.



The character rotation is as follows:



When the character you want appears, press **ENTER**. Repeat this step to enter the rest of the characters. If you would like a blank space in the label name, you must choose the empty space from the list of characters.

The label can consists of any four characters.

- 5** Repeat steps 3–4 to label other channels.

- 6** When you finish inputting the label(s), press **EXIT/CANCEL** to return to the normal screen.



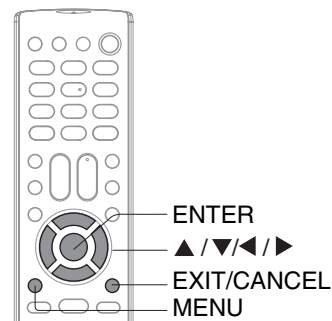
To clear a channel label:

After step 3 of this section, press **▲** or **▼** to select “Label Clear”, then press **▶** or **ENTER**.

Note: All channel labels will be cleared after performing an “Automatic Search”. Refer to page [29](#).

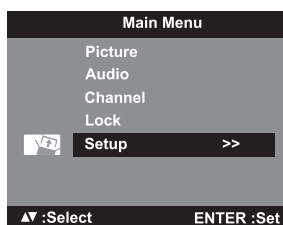
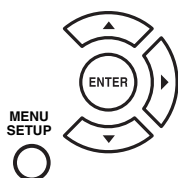
Video input labels

The Video Label feature allows you to label each video input source. This is convenient when there are several optional equipment connected to your TV/DVD.

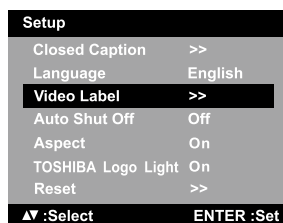


Labeling video input sources

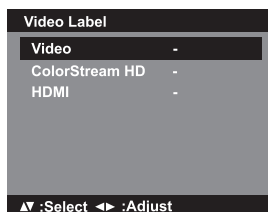
- 1 Press MENU to display the **Main Menu** screen. Press ▲ or ▼ to select "Setup", then press ► or ENTER.



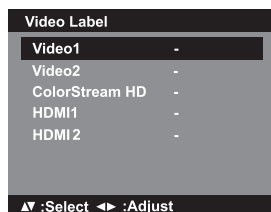
- 2 Press ▲ or ▼ to select "Video Label", then press ► or ENTER.



- 3 Press ▲ or ▼ to select the video input source you want to label.

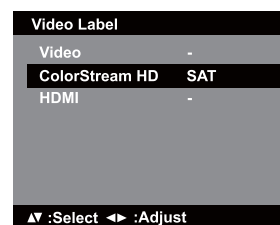


(19- and 22-inch models)



(26-inch model)

- 4 Press ◀ or ▶ select the label you want for the selected video input source.



- Use the default label name
- VCR** Video cassette recorder
- DVD** DVD player
- DTV** Digital TV set-top box
- SAT** Satellite box
- CBL** Cable box
- HD** HDMI (only for HDMI input)

- 5 Press EXIT/CANCEL to return to the normal screen.



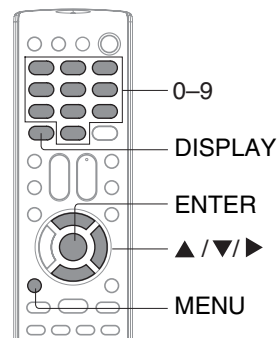
TV operation

V-Chip setup

The V-Chip allows parents to select ratings level corresponding to allowable video content. This will restrict access to programs or movies that have scenes not unsuitable for young viewers. This restriction depends on the programs' or movies' rating data. You may set separate restriction for TV programs and movies. To use the V-Chip, you must first register a password.

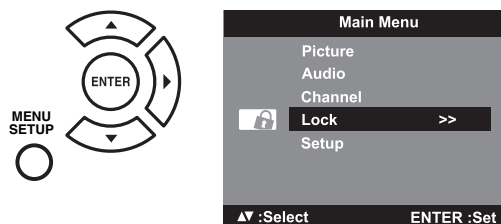
Notes:

- The V-Chip restriction level is only applicable in TV mode. For rating restriction applicable to DVD content, go to page [72](#).
- The V-Chip in your TV is based on the US-based V-Chip technology. The Canadian V-Chip system is not supported.

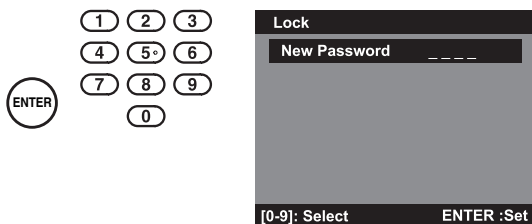


Registering a password

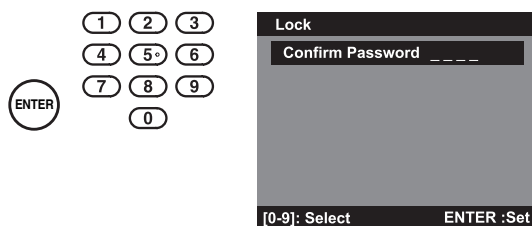
- 1 Press **MENU** to display the *Main Menu* screen. Press **▲** or **▼** to select "Lock", then press **►** or **ENTER**.



- 2 Key in a new 4-digit password using the Number buttons (0-9), then press **ENTER**.

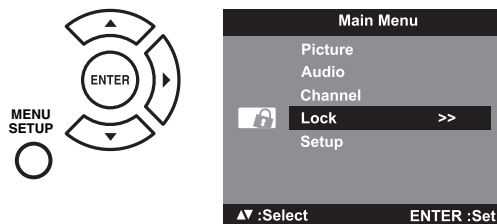


- 3 Enter the same password again to confirm, then press **ENTER**.

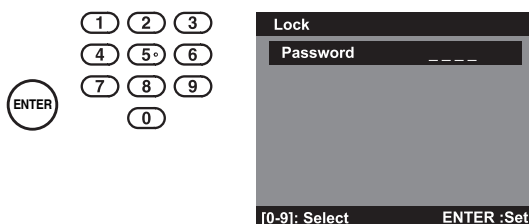


Changing a password

- 1 Press **MENU** to display the *Main Menu* screen. Press **▲** or **▼** to select "Lock", then press **►** or **ENTER**.

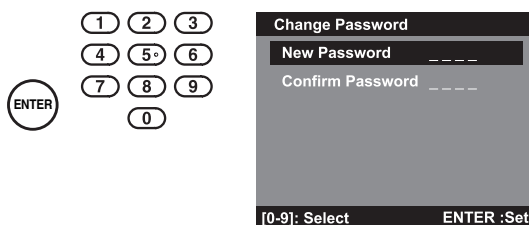


- 2 Key in your 4-digit password using the Number buttons (0-9), then press **ENTER**.



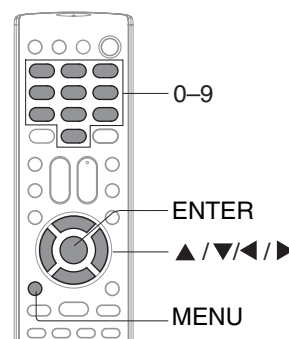
- 3 Press **▲** or **▼** to select "Change Password", then press **►** or **ENTER**.

- 4 Key in your new password using the Number buttons (0-9), then press **ENTER**. Enter the same password again to confirm, then press **ENTER**.



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

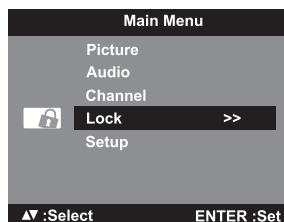
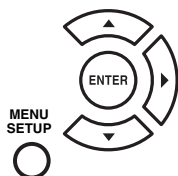
V-Chip setup (continued)



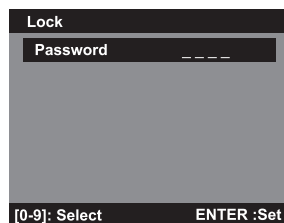
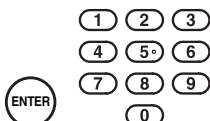
Setting up the restriction level

Note: The V-Chip function is only activated when the TV program or movie has a rating signal.

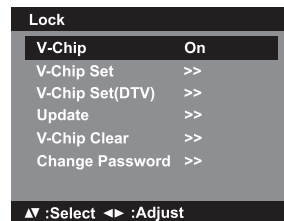
- Press **MENU** to display the **Main Menu** screen. Press **▲** or **▼** to select **"Lock"**, then press **▶** or **ENTER**.



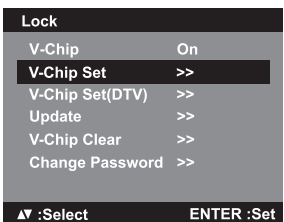
- Key in your 4-digit password using the Number buttons (0-9), then press **ENTER**.



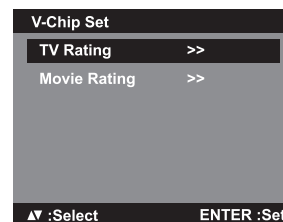
- Press **▲** or **▼** to select **"V-Chip"**, then press **◀** or **▶** to select **"On"**.



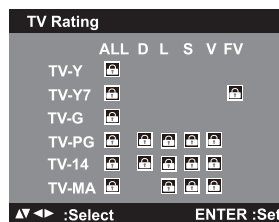
- Press **▲** or **▼** to select **"V-Chip Set"**, then press **▶** or **ENTER**.



- Press **▲** or **▼** to select whether to restrict content for TV programs (**"TV Rating"**) or movies (**"Movie Rating"**) then press **▶** or **ENTER**.



- Press **◀/▶/▲/▼** to select the desired rating, then press **ENTER**.



For TV programs, the rating level is based on viewer's age or video content.

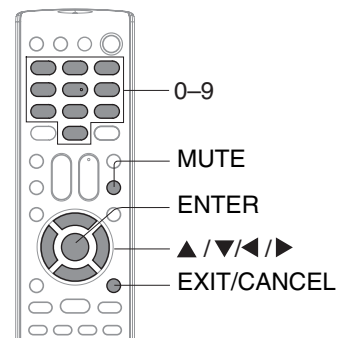
Age

TV-Y	Suitable for young children
TV-7	7 years old and above
TV-G	Suitable for all audiences
TV-14	14 years old and above
TV-MA	Suitable for mature audience only

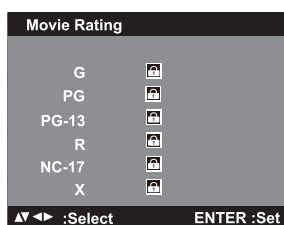
Content

ALL	No restriction
D	Suggestive dialogue
L	Coarse language
S	Sexual situations
V	Violence
FV	Fantasy violence, combative situations

TV operation



Setting up the ratings level (continued)



For movie programs, the rating level is based on the viewer's age.

- G** Suitable for all ages
- PG** Parental guidance suggested
- PG-13** Parental guidance for pre-teen viewers
- R** May contain some adult material
- NC-17** Not suitable for viewers age 17 and below
- X** Suitable for adult viewers only

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

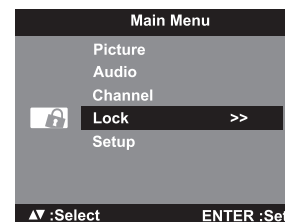
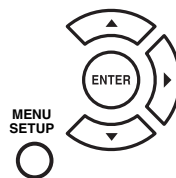


■ To temporarily cancel the TV mode content restriction:

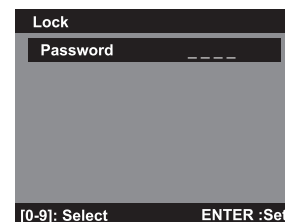
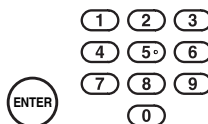
1. Access the content you want to view.
2. On the warning message indicating the blocked content, press **MUTE**.
3. Use the **Number buttons (0-9)** to key in your password.
The content restriction will be temporarily disabled. When the TV is turned off, when the channel is changed, or when the input source is switched to another, the content restriction will be reactivated.

Removing the ratings restriction

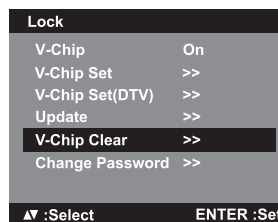
- 1 Press **MENU** to display the *Main Menu* screen. Press **▲** or **▼** to select "Lock", then press **▶** or **ENTER**.



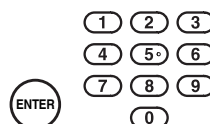
- 2 Key in your 4-digit password using the **Number buttons (0-9)**, then press **ENTER**.



- 3 Press **▲** or **▼** to select "V-Chip Clear", then press **▶** or **ENTER**.



- 4 Key in your 4-digit password again, then press **ENTER**.



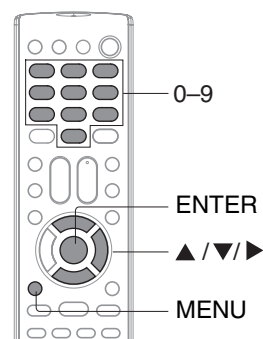
This will clear all content restrictions and reset the "V-Chip" setting to "Off".

V-Chip setup (continued)

As a supplement to the standard V-Chip rating system, you can download an additional rating system, if such a system becomes available in the future.

Notes:

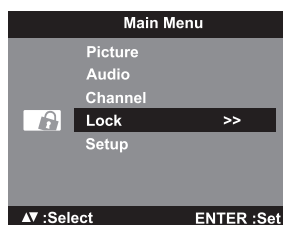
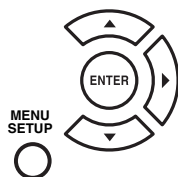
- You can only download an additional V-Chip rating system when the TV is receiving a digital signal.
- The availability, content, and format of a downloaded V-Chip rating system may vary. This system is not determined nor controlled by your TV.



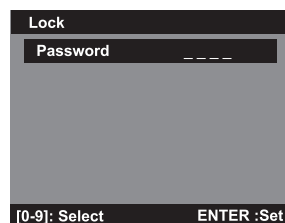
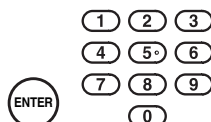
Downloading additional V-Chip rating system

1 Make sure your TV is currently receiving a digital signal.

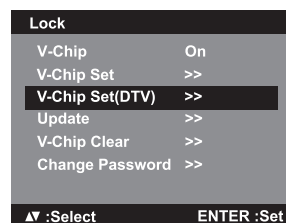
2 Press MENU to display the *Main Menu* screen. Press ▲ or ▼ to select “Lock”, then press ► or ENTER.



3 Key in your 4-digit password using the Number buttons (0-9), then press ENTER.



4 Press ▲ or ▼ to select “V-Chip Set (DTV)”, then press ► or ENTER.



5 Press ▲ or ▼ to select the additional rating system you want to download, then press ENTER.

If the selected rating system is not yet available on your TV/DVD, downloading will begin. This process may take some time to complete depending on how large the download is, and the strength of the digital signal.

6 Once download is complete, set your preferred content rating restriction for the new rating system.

Notes:

- You can update a downloaded rating system by selecting the “Update” option indicated on step 4 on this page.
- The standard V-Chip rating system is available whether your TV is receiving a digital signal or not. This standard rating system is applicable to both analog and digital programs. To set the restriction level using the standard V-Chip rating system, refer to “Setting up the restriction level” on page 37.

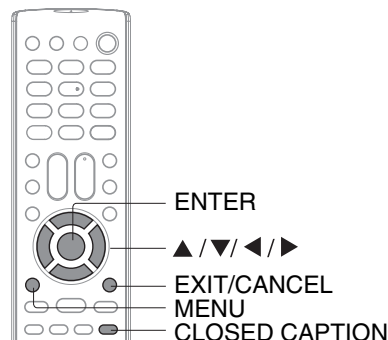
TV operation

Closed captioning

WHAT IS CLOSED CAPTIONING?

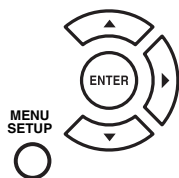
Your TV/DVD has the capability to decode and display closed captioned TV programs. As the picture is shown, text captions are displayed that transcribe speech and often other relevant sounds. If available, it can also display captions in another language.

Important: Closed caption availability and content depend on your TV provider and may vary across channels and programs. If the closed caption feature is turned on but the service is not provided in your area, a black rectangle may appear on-screen. If this happens, set "CC Setting" to "Off".



Enabling closed captioning

- 1** Press **MENU** in TV mode. Press **▲** or **▼** to select "Setup", then press **▶** or **ENTER**.



Main Menu	
Picture	
Audio	
Channel	
Lock	
Setup	>>
▲▼ :Select ENTER :Set	

- 2** Press **▲** or **▼** to select "Closed Caption", then press **▶** or **ENTER**.



Setup	
Closed Caption	>>
Language	English
Video Label	>>
Auto Shut Off	Off
Aspect	On
TOSHIBA Logo Light	On
Reset	>>
▲▼ :Select ENTER :Set	

- 3** Press **▲** or **▼** to select "CC Setting", then press **◀** or **▶** to select "On".



Closed Caption	
CC Setting	Off
CC Priority	Digital CC
Analog Caption	C1
Digital Caption	CS1
Digital CC Preset	Default
CC Advanced	>>
▲▼ :Select ◀▶ :Adjust	

- 4** Press **▲** or **▼** to select "Analog Caption" or "Digital Caption" (depending on your TV signal), then press **◀** or **▶** to select the preferred closed caption content.



Closed Caption	
CC Setting	On
CC Priority	Digital CC
Analog Caption	C1
Digital Caption	CS1
Digital CC Preset	Default
CC Advanced	>>
▲▼ :Select ◀▶ :Adjust	

When you select "Analog Caption", you can choose C1, C2, C3, C4, T1, T2, T3 or T4.

When you select "Digital Caption", you can choose CS1, CS2, CS3, CS4, CS5 or CS6.

- 5** Press **▲** or **▼** to select "CC Priority", then press **◀** or **▶** select "Digital CC" or "Analog CC".



Closed Caption	
CC Setting	On
CC Priority	Analog CC
Analog Caption	C1
Digital Caption	CS1
Digital CC Preset	Default
CC Advanced	>>
▲▼ :Select ◀▶ :Adjust	

Note: Depending on the broadcast signal, some analog captions will function with a digital broadcast signal. This step prevent the two kind of captions from overlapping.

- 6** Press **EXIT/CANCEL** to return to the normal screen.



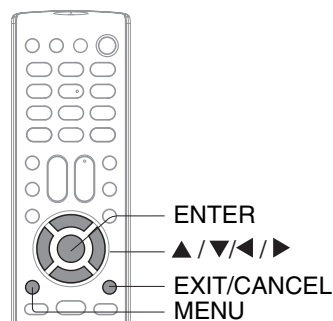
Notes:

- You can also display the *Closed Caption* menu screen by pressing **CLOSED CAPTION** on the remote control.
- Digital caption is not available for analog channels.

Advanced closed captioning

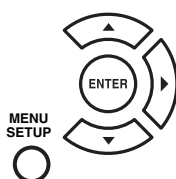
You can customize the appearance of digital closed captions.

Important: The "CC Setting" must first be set to "On" before you can customize the digital closed captions.



Customizing the digital closed captions

- 1 Press MENU in TV mode. Press ▲ or ▼ to select "Setup", then press ▶ or ENTER.



Main Menu	
Picture	
Audio	
Channel	
Lock	
Setup	>>

▲▼ :Select ENTER :Set

- 2 Press ▲ or ▼ to select "Closed Caption", then press ▶ or ENTER.



Setup	
Closed Caption	>>
Language	English
Video Label	>>
Auto Shut Off	Off
Aspect	On
TOSHIBA Logo Light	On
Reset	>>

▲▼ :Select ENTER :Set

- 3 Press ▲ or ▼ to select "Digital CC Preset", then press ◀ or ▶ to select "Custom".



Closed Caption	
CC Setting	On
CC Priority	Digital CC
Analog Caption	C1
Digital Caption	CS1
Digital CC Preset	Custom
CC Advanced	>>

▲▼ :Select ◀▶ :Adjust

- 4 Press ▲ or ▼ to select "CC Advanced", then press ▶ or ENTER.



Closed Caption	
CC Setting	On
CC Priority	Digital CC
Analog Caption	C1
Digital Caption	CS1
Digital CC Preset	Custom
CC Advanced	>>

▲▼ :Select ◀▶ :Adjust

Note: You cannot select "CC Advanced" in the menu before setting "Digital CC Preset" to "Custom".

- 5 Press ▲ or ▼ to select the display aspect you want to customize, then press ◀ or ▶ to change the setting.



CC Advanced	
Text Size	Auto
Text Type	Auto
Text Edge	Auto
Text Color	Auto
Text Opacity	Auto
Background Color	Auto
Background Opacity	Auto

▲▼ :Select ◀▶ :Adjust

Text Size	Auto, Small, Standard, Large
Text Type	Auto, Style1, Style2, Style3, Style4, Style5, Style6, Style7
Text Edge	Auto, None, Raised, Depressed, Uniform, Left Shadow, Right Shadow
Text Color	Auto, Black, White, Red, Green, Blue, Yellow, Magenta, Cyan
Text Opacity	Auto, Solid, Transparent, Translucent, Flashing
Background Color	Auto, Black, White, Red, Green, Blue, Yellow, Magenta, Cyan
Background Opacity	Auto, Solid, Transparent, Translucent, Flashing

Note: The "Text Color" and "Background Color" aspects cannot have the same setting.

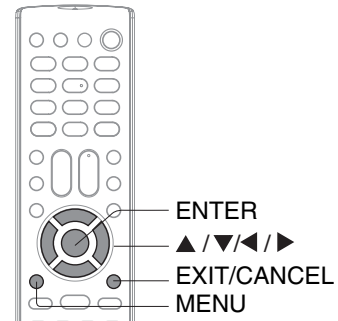
- 6 After completing the adjustment, press EXIT/CANCEL to return to the normal screen.



TV operation

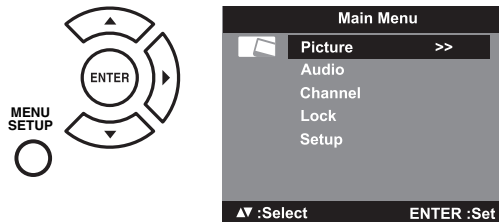
Picture preference and settings

You can select from four picture mode options to suit your current viewing condition. Or you can choose to configure individual picture settings.

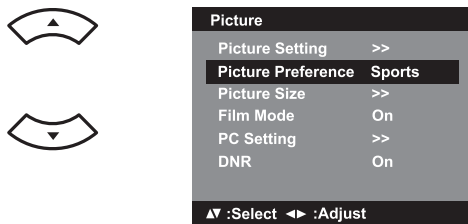


Selecting a picture mode

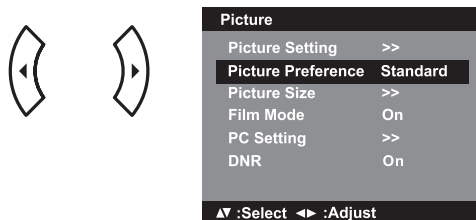
- 1 Press **MENU** to display the *Main Menu* screen. Press **▲** or **▼** to select “Picture”, then press **▶** or **ENTER**.



- 2 Press **▲** or **▼** to select “Picture Preference”.



- 3 Press **◀** or **▶** to select the picture mode you want to enable.



Mode	Picture quality
Sports	Bright and dynamic picture
Standard	Standard picture quality
Movie	Movie-like picture setting
Memory	Your customized picture settings. See the “Adjusting the picture settings” section on the right.

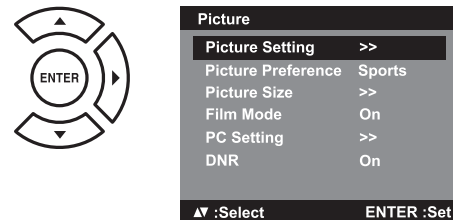
- 4 Press **EXIT/CANCEL** to return to the normal screen.



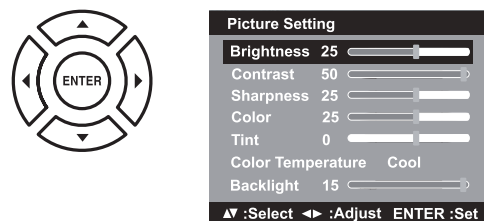
Adjusting the picture settings

- 1 Press **MENU** to display the *Main Menu* screen. Press **▲** or **▼** to select “Picture”, then press **▶** or **ENTER**.

- 2 Press **▲** or **▼** to select “Picture Setting”, then press **▶** or **ENTER**.



- 3 Press **▲** or **▼** to select an item to change, then press **◀** or **▶** to adjust it. Press **ENTER** to confirm the new setting.



Brightness	decrease luminance	increase luminance
Contrast	decrease contrast	increase contrast
Sharpness	softer picture	clearer picture
Color	paler color	more brilliant color
Tint	reddish tint	greenish tint
Backlight	decrease backlight level	increase backlight level

Note: The Contrast default setting is set to maximum at the factory.

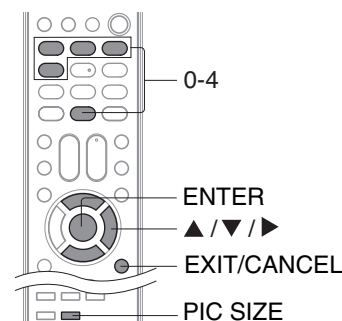
Color Temperature	Picture quality
Cool	Bluish
Standard	Neutral
Warm	Reddish

- 4 After completing the adjustment, press **EXIT/CANCEL** to return to the normal screen.



Picture formats

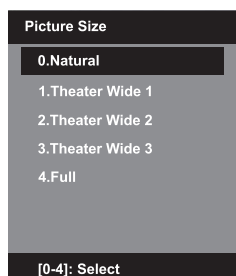
You can choose from six picture formats to view programs.



Selecting a picture format

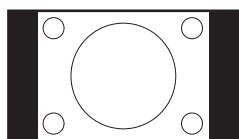
1 Press MENU. Press ▲ or ▼ to select “Picture”, then press ▶ or ENTER.

2 Press ▲ or ▼ to select “Picture Size”, then press ▶ or ENTER. Press ▲/▼ or the corresponding Number button (0-4) to select the preferred picture size.



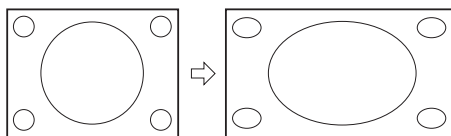
Natural

In some cases, this option will display the picture in the standard 4:3 size with black side bars.



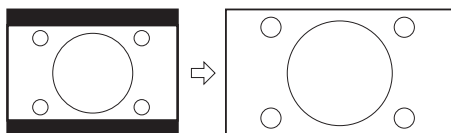
Theater Wide 1 (for 4:3 format programs)

To fill the screen, the right and left edges are extended; the center of the picture remains near its former ratio. The top and bottom edges of the picture may be hidden.



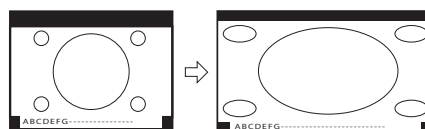
Theater Wide 2 (for letter box programs)

The entire picture is uniformly enlarged—it is stretched the same amount both wider and taller while retaining its original proportion). The top and bottom edges of the picture may be hidden.



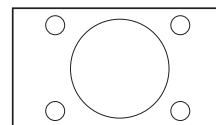
Theater Wide 3 (for letter box programs with subtitles)

To fill the width of the screen, it is extended horizontally. It is only slightly extended at the top and the bottom. The top and bottom edges of the picture may be hidden.



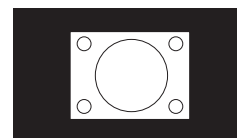
Full picture size (for 16:9 source programs)

The picture will be displayed at the maximum size.



Native (in PC mode/HDMI mode with PC)

When a computer is connected via the PC or HDMI inputs, you can select this mode. In Native mode image is displayed in a dot-per-dot picture.



Notes:

- The available picture formats may vary depending on the current input source or broadcast signal.
- Some High Definition and/or digital broadcasts may not allow you to change the picture size.
- When using a 720p, 1080i or 1080p HD signal, only the Theater Wide 2 and Full picture formats are available.
- In PC mode, only the Natural, Full and Native picture formats are available. Additionally, PC mode cannot be activated in a WXGA display mode.

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



Note: You can also display the *Picture Size* menu screen by pressing **PIC SIZE** on the remote control.

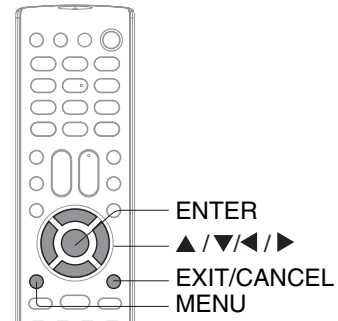
TV operation

Film Mode / Digital Noise Reduction

The Film Mode feature improves the appearance of movies converted from film to video, including DVD titles. When enabled picture is less jerky and has a cinematic picture quality.

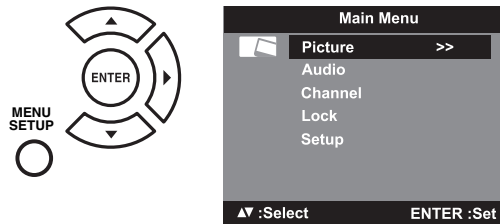
Note: Enabling the Film Mode feature is recommended when viewing DVD titles from a DVD player connected to the ColorStream (component video) inputs.

Digital noise reduction refers to the process of filtering out unusable data ("noise") from video signals. This improves the picture quality.

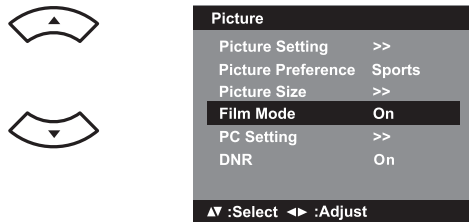


Disabling film mode

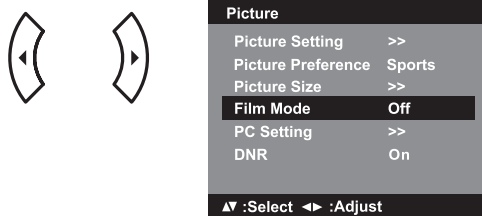
- 1 Press MENU to display the *Main Menu* screen. Press ▲ or ▼ to select "Picture", then press ► or ENTER.



- 2 Press ▲ or ▼ to select "Film Mode".



- 3 Press ◀ or ▶ to set the feature to "Off".

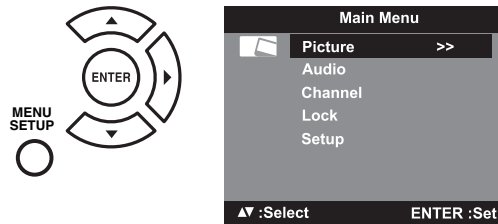


- 4 Press EXIT/CANCEL to return to the normal screen.

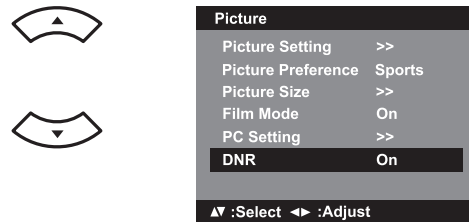


Disabling digital noise reduction

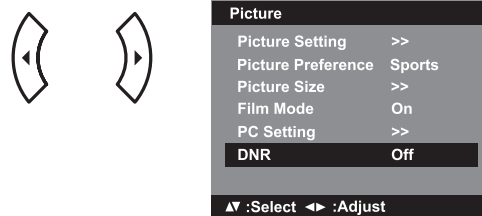
- 1 Press MENU to display the *Main Menu* screen. Press ▲ or ▼ to select "Picture", then press ► or ENTER.



- 2 Press ▲ or ▼ to select "DNR".



- 3 Press ◀ or ▶ set the feature to "Off".

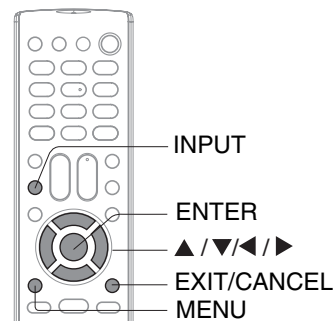


- 4 Press EXIT/CANCEL to return to the normal screen.



Picture control adjustment in PC mode

The *PC Settings* menu allows picture adjustment when using a computer with your TV.



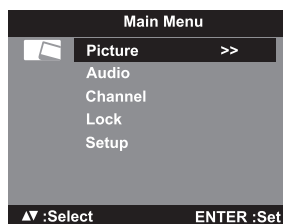
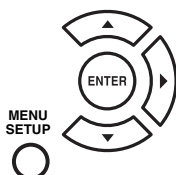
Adjusting the picture in PC mode

- 1** Connect a computer to your TV.
Go to page 25 for detailed instructions.

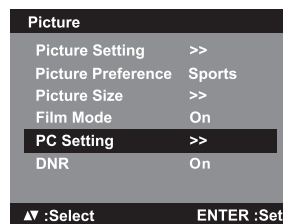
- 2** Press **INPUT**, then select the type of cable connection used—"PC" if connected via a VGA cable, or "HDMI" if connected via an HDMI cable.



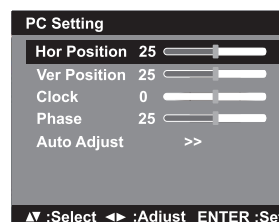
- 3** Press **MENU** to display the *Main Menu* screen. Press **▲** or **▼** to select "Picture", then press **▶** or **ENTER**.



- 4** Press **▲** or **▼** to select "PC Setting", then press **▶** or **ENTER**.



- 5** Press **▲** or **▼** to select an item to change, then press **◀** or **▶** to adjust it. Press **ENTER** to confirm the new setting.



- Hor Position** Adjust the image position horizontally.
- Ver Position** Adjust the image position vertically.
- Clock** Minimize any vertical bars or stripes visible on the screen background.
- Phase** This must be adjusted if the PC mode frequency has been set to 60 Hz. This will optimize picture quality.
- Auto Adjust** Adjust all PC settings automatically.

Notes:

- When using a computer via the HDMI input, you can only adjust the "Hor Position" and "Ver Position" items.
- When individual adjustment of PC settings results to rough edges or flickering in the picture display, select "Auto Adjust" and press **ENTER** to improve picture quality.

- 6** After completing the adjustment, press **EXIT/CANCEL** to return to the normal screen.

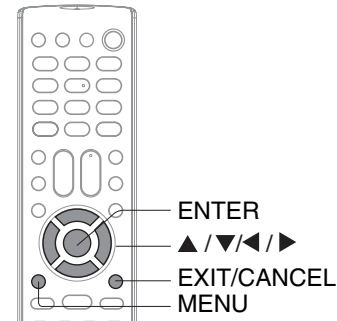


TV operation

Sound quality adjustment / Sound stream selection

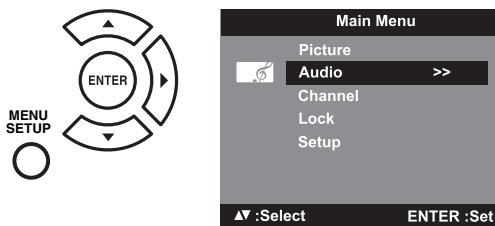
The *Audio* menu provides individual controls to adjust the sound quality of the built-in speakers.

Your TV supports the MTS (multichannel television sound) feature to let you select the preferred audio stream for analog programs. Options include "Mono", "Stereo", "Surround" and "SAP".

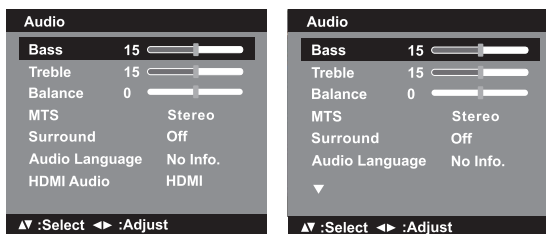


Adjusting the sound quality

- 1** Press MENU in TV mode. Press ▲ or ▼ to select "Audio", then press ▶ or ENTER.



- 2** Press ▲ or ▼ to select an item to change, then press ◀ or ▶ to adjust it.



(19- and 22-inch models)

(26-inch model)

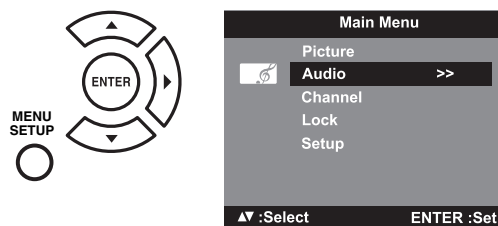
- Bass** Adjust the low-pitched sounds.
Treble Adjust the high-pitched sounds.
Balance Adjust the sound balance between the left and right speakers.
Surround
On Dynamic sound and greater audio depth for a more enjoyable listening experience.
Off Normal audio

- 3** After completing the adjustment, press EXIT/CANCEL to return to the normal screen.

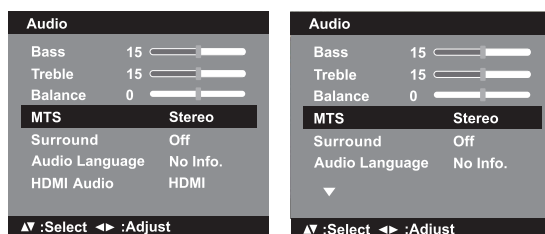


Selecting the audio stream format

- 1** Press MENU in TV mode. Press ▲ or ▼ to select "Audio", then press ▶ or ENTER.



- 2** Press ▲ or ▼ to select "MTS", then press ◀ or ▶ to select an audio mode.



(19- and 22-inch models)

(26-inch model)

Notes:

- Generally speaking, you can leave your TV in stereo mode because the TV automatically outputs the type of sound being broadcast. However, if the stereo sounds turn out to be noisy, set the audio mode to "Mono".
- To enable audio in an alternative language, select "SAP".

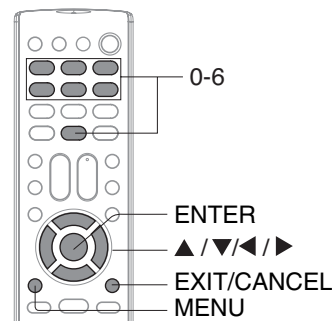
- 3** Press EXIT/CANCEL to return to the normal screen.



Digital audio language selection / HDMI audio input source selection

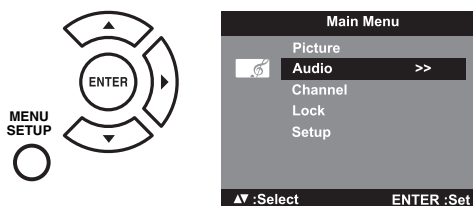
For digital TV, programs may sometimes be available in two or more audio languages. You can select your preferred audio language.
When an HDMI or DVI device is connected, you must select the appropriate HDMI audio input source.

Note: For the 19- and 22-inch models, the HDMI IN jack corresponds to the input mode "HDMI". The 26-inch model has two HDMI IN jacks; the input mode can either be "HDMI 1" or "HDMI 2". Check the I/O port label on the rear side to determine which HDMI jack is used.

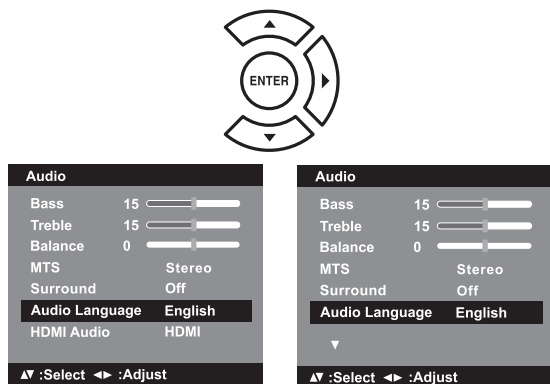


Selecting the digital audio language

- 1 Press MENU in TV mode. Press ▲ or ▼ to select "Audio", then press ► or ENTER.



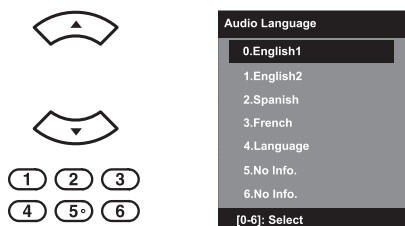
- 2 Press ▲ or ▼ to select "Audio Language", then press ► or ENTER.



(19- and 22-inch models)

(26-inch model)

- 3 Press ▲/▼ or the corresponding Number button (0-6) to select the preferred audio language.



Note: Available language options will depend on your digital TV provider.

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

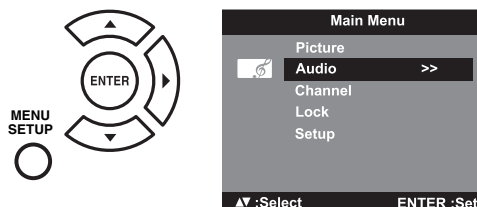


Selecting the HDMI audio input source

- 1 Press INPUT and select the HDMI mode corresponding to the HDMI jack currently in use.

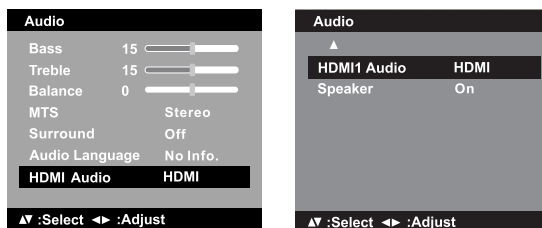


- 2 Press MENU. Press ▲ or ▼ to select "Audio", then press ► or ENTER.



- 3 For the 19 and 22-inch models: Press ▲ or ▼ to select "HDMI Audio", then press ◀ or ▶ to select the correct HDMI audio input source.

For the 26-inch model: Press ▼ to select the scroll arrow ▼ on the bottom of the screen, then press ENTER. Select "HDMI1 Audio", then press ◀ or ▶ to select the correct HDMI audio input source.



(19- and 22-inch models)

(26-inch model)

HDMI When an HDMI device is connected
DVI When a DVI device is connected

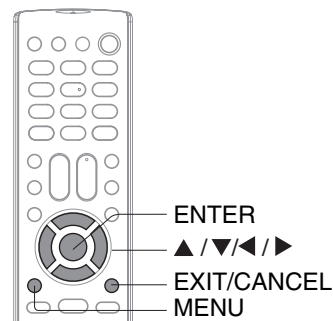
- 4 Press EXIT/CANCEL to return to the normal screen.



TV operation

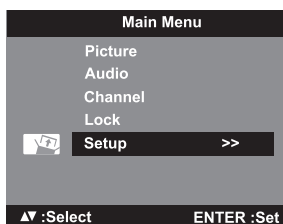
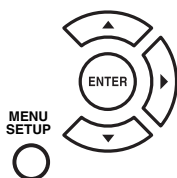
Aspect feature

When the Aspect feature is set to "On" and the TV receives a 480i signal, the picture size is automatically selected.

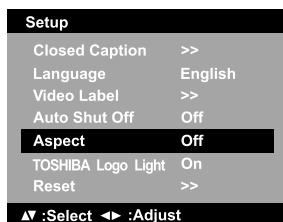


Disabling the aspect feature

- 1** Press MENU in Video or ColorStream HD mode. Press ▲ or ▼ to select "Setup", then press ▶ or ENTER.



- 2** Press ▲ or ▼ to select "Aspect", then press ◀ or ▶ to select "Off".



Aspect ratio of signal source

4:3 Normal
16:9 Full
4:3 Letter box
Not defined

Automatic aspect size (when Aspect is On)

Natural
Full
Theater Wide 2
User-set mode

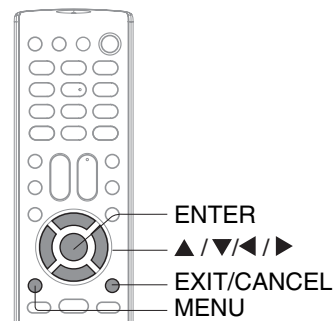
- 3** After your desired setting, press EXIT/CANCEL to return to the normal screen.



Built-in speakers status / DTV signal strength

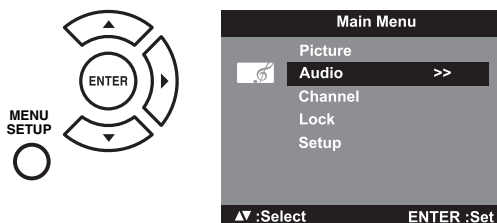
For the 26LV610U-T model only, you can choose to turn off the built-in TV speakers when an external audio amplifier is connected.

When in digital TV mode you can view the digital signal strength and adjust the antenna accordingly.

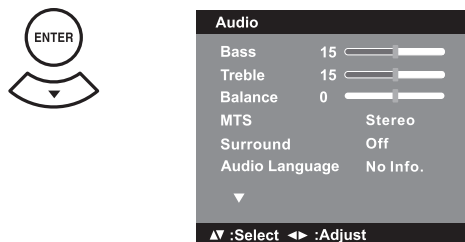


Turning off the built-in speakers (26LV610U-T model only)

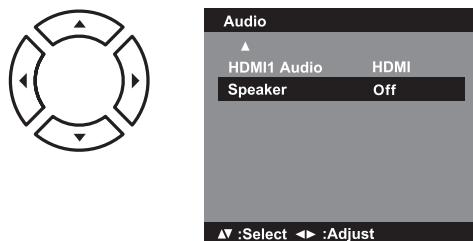
- 1 Press MENU in the TV mode. Press ▲ or ▼ to select "Audio", then press ► or ENTER.



- 2 Press ▼ to select ▼ on the bottom of the screen, then press ENTER. This will display the second page of the Audio menu screen.



- 3 Press ▲ or ▼ to select "Speaker", then press ◀ or ▶ to select "Off".



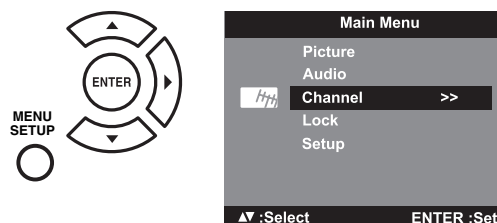
- 4 Press EXIT/CANCEL to return to the normal screen.



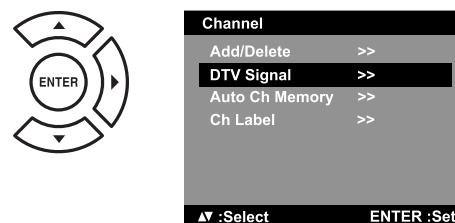
- To turn on the built-in speakers, select "On" in step 3 above.

Checking the digital TV signal strength

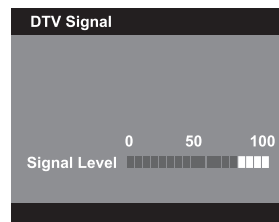
- 1 Press MENU in the digital TV mode. Press ▲ or ▼ to select "Channel", then press ► or ENTER.



- 2 Press ▲ or ▼ to select "DTV Signal", then press ► or ENTER.



The *Signal Meter* screen will appear displaying the signal strength for the current digital channel. If necessary, adjust the direction of the antenna to obtain the maximum signal strength.



Note: The Signal Meter feature is not available for analog channels. The *Signal Meter* screen will automatically close after about four minutes.

- 3 Press EXIT/CANCEL to return to the normal screen.

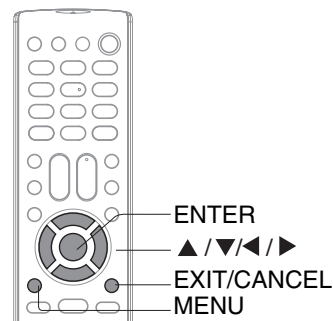


TV operation

Logo light / Auto Shut Off

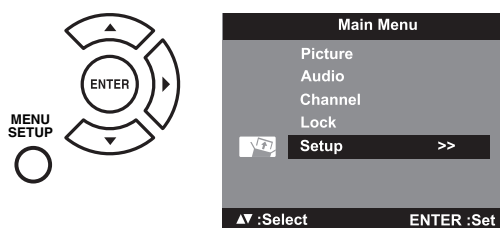
For the 19LV610U-T, 22LV610U-T, and 26LV610U-T models only, when the "TOSHIBA Logo Light" feature is set to "On", the TOSHIBA logo on the front panel lights up.

When the "Auto Shut Off" feature is set to "On", the TV will automatically shut itself off after 15 minutes of non-operation when the last viewed TV channel stops broadcasting.

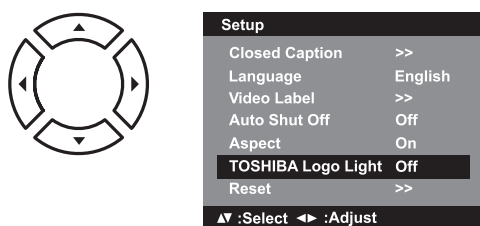


Disabling the TOSHIBA logo light

- 1 Press MENU in the TV mode. Press ▲ or ▼ to select "Setup", then press ▶ or ENTER.



- 2 Press ▲ or ▼ to select "TOSHIBA Logo Light", then press ◀ or ▶ to select "Off".

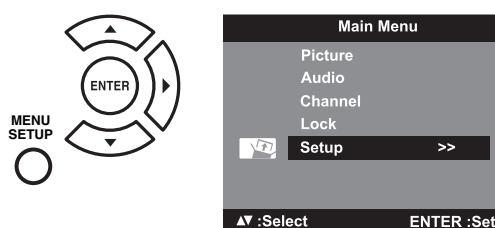


- 3 Press EXIT/CANCEL to return to the normal screen.

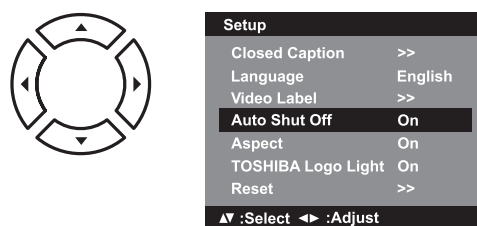


Enabling Auto Shut Off

- 1 Press MENU in the TV mode. Press ▲ or ▼ to select "Setup", then press ▶ or ENTER.



- 2 Press ▲ or ▼ to select "Auto Shut Off", then press ◀ or ▶ to select "On".



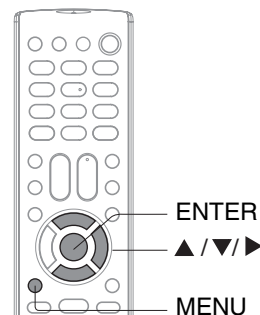
- 3 Press EXIT/CANCEL to return to the normal screen.



Settings reset

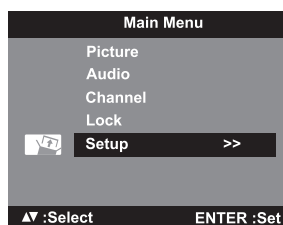
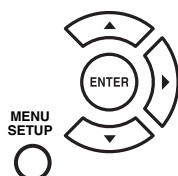
Use the Reset menu to switch all TV settings to their default factory values. Do this only if any of the following conditions occurs:

- The system fails to respond to the remote control (make sure the remote control batteries are still working and that you are within the transmission range).
- The new TV settings caused unexpected results.

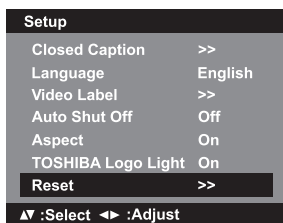


Resetting the TV operational values

- 1 Press **MENU** in the TV mode. Press **▲** or **▼** to select **"Setup"**, then press **►** or **ENTER**.



- 2 Press **▲** or **▼** to select **"Reset"**, then press **►** or **ENTER**.



The **"Reset"** message appears on-screen for approximately three seconds, then the display will automatically switch back to the normal screen.

Settings for the following menus will revert to their factory default values.

[Picture] menu

Picture Setting	
Brightness	center (25)
Contrast	max (50)
Sharpness	center (25)
Color	center (25)
Tint	center (0)
Color Temperature	Cool
Backlight	(15)
Picture Preference	Sports
Film Mode	On
PC Settings	
Hor Position	center (25)
Ver Position	center (25)
Clock	center (0)
Phase	center (25)
DNR	On

[Audio] menu

Bass	center (15)
Treble	center (15)
Balance	center (0)
Surround	Off

TV operation

Disc playback

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

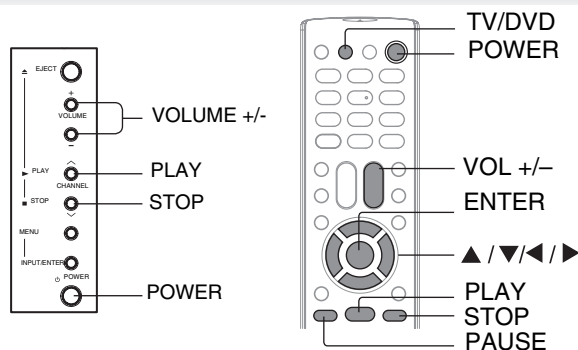
About DVD VCD CD

The DVD VCD CD icons on the heading bar indicate the kind of disc that can employ the function described under that heading.

DVD You can use this function with DVDs.

VCD You can use this function with video CDs.

CD You can use this function with audio CDs and CD-R/RW discs.



DVD VCD CD Basic playback

1 Press POWER on the unit or on the remote control.



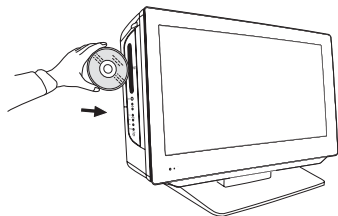
The POWER indicator on the front of the unit changes to green. It may take approximately 10 seconds for a picture to appear on-screen. When using an amplifier, switch on the amplifier.

2 Press TV/DVD on the remote control to switch to DVD mode.

The DVD startup screen will appear on-screen.



3 Hold the disc by its edges and load it in the disc slot with the label side facing forward.



Important: DO NOT touch the surface of the disc. This may leave a smudge that can cause playback errors.

The prompt "Insert Disc" changes to "Reading" and then playback starts.



If the disc has its own menu, it will be displayed on-screen. Press ▲/▼/◀/▶ on the remote control to navigate the disc menu, then press ENTER to implement the selected menu option.

■ To adjust playback volume, press VOL + / -.



■ To temporarily suspend disc playback (still mode), press PAUSE.



■ To continue playback from still mode, press PLAY.



■ To stop playback, press STOP.



■ Playback resume function

Your TV/DVD supports playback resume function. If you stopped the disc playback before it is completed, the unit records the stop point. "■" appears on-screen. Press **PLAY** to resume playback on the previous stop point. If you press **STOP** twice in quick succession or unload the disc, the unit will clear the stop point.

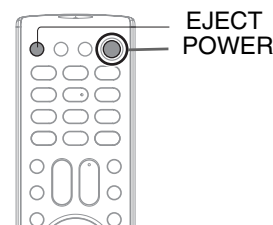
■ Higher quality picture

High resolution pictures on some discs may occasionally cause noise on the picture display. If this is the case, reduce the "Sharpness" setting under the "Picture Setting" menu (see page 42).

Notes:

- Keep your fingers well clear of the disc slot when a disc is loading or unloading. Failure to do so may cause serious personal injury.
- Do not move the unit during playback. Doing so may damage the disc.
- When a disc is inserted when the TV is not in DVD mode, the unit will automatically switch to DVD mode.

Disc playback (continued)

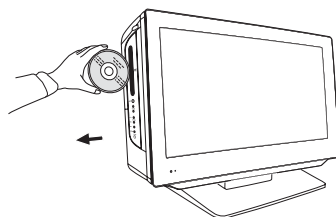


Removing a disc

1 Press EJECT on the remote control.



2 Wait for the disc to be ejected then remove the disc from the slot.



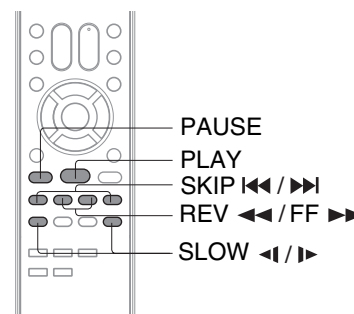
Basic playback

Disc playback reminders

- If the unit does not operate properly, static electricity build-up may be the cause. Turn off the TV/DVD, then disconnect the power cord from the AC outlet. Reconnect the power cord, then press **POWER** to turn on the TV/DVD again.
- If an incompatible disc is loaded, one of the following error messages appears on-screen: "*Incorrect Disc*", "*Disc region incorrect*" or "*Enter Password*". If this is the case, check your disc again. Go to page **8** for a list of supported disc formats, and to page **74** for playback-related troubleshooting instructions.
- In some instances the unit may take a minute or so to start disc playback.
- When you load a disc with the playback side facing backward, "*Reading*" appears on-screen but it will be replaced by "*Incorrect Disc*". Eject the disc and load it again making sure the playback side is now facing forward.
- The playback resume function may not work on some discs.
- Some DVDs may have fixed playback operations designed by the DVD manufacturer. Your TV/DVD follows this fixed playback design. In such cases, some playback features may not be available. You may refer to the instructions accompanying the DVD.
- Do not put any objects other than compatible discs on the disc slot. Doing so may cause damage to the unit.
- In many instances, a menu screen will appear after disc playback. Prolonged display of an on-screen menu may damage your television set, permanently etching that menu image on the screen. To avoid this, turn off the TV/DVD once disc playback is completed.
- There may be a few seconds between the action of pressing a button and the function it activates.

Playback navigation

Note: The “Prohibition” symbol “X” appears on the upper right corner of the screen when you try to employ a playback function that is not available on the disc, or that is not yet accessible at this time. This does not indicate a problem with the TV/DVD.



Playing in fast reverse or fast forward direction

Press **REV** or **FF** during playback.



REV: Fast reverse playback

FF: Fast forward playback

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

■ To resume normal playback, press **PLAY**.



Notes:

- The sound is muted during reverse and forward scan.
- The playback speed may differ depending on the disc.
- You can use fast reverse/fast forward playback for MP3, WMA, and DivX® CDs.



Playing frame by frame

Press **PAUSE** during playback.



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

■ To resume normal playback, press **PLAY**.



Notes:

- The sound is muted during frame by frame playback.
- You can use frame by frame playback for DivX® CD.



Playing in slow motion

Press **SLOW** ◀ or ▶ during playback.



SLOW ◀: Slow reverse playback

SLOW ▶: Slow forward playback

Each time you press the **SLOW** buttons, the slow motion speed changes.

■ To resume normal playback, press **PLAY**.



Notes:

- The sound is muted during slow motion playback.
- You can use forward slow motion playback for DivX® CD, but reverse slow motion playback will not work.



Locating a chapter or track

Press **SKIP** ◀◀ or ▶▶ repeatedly to display the chapter or track number you want to play.



To locate succeeding chapters or tracks. Playback starts from the beginning of the selected chapter or track.



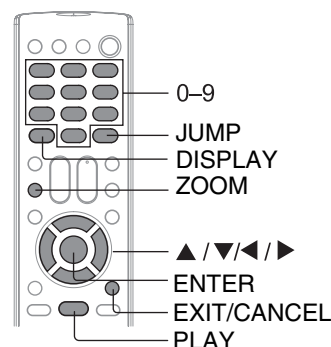
Playback starts from the beginning of the current chapter or track.

When you press **SKIP** ◀◀ twice in quick succession, playback starts from the beginning of the preceding chapter or track.

Zoom function / Scene navigation

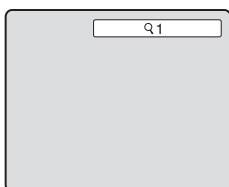
You can change the viewing scale of a picture by using the Zoom function. Once the image has been rescaled, use the **Direction** buttons ◀/▶/▲/▼ to pan the image.

Scene navigation options differ depending on the kind of disc. DVDs use the title, chapter or record time to locate the start point for playback. Audio and video CDs use the record time or track number. To view the disc's title/track or chapter/track list, press **DISPLAY**.



Using Zoom

- 1 Press ZOOM during playback.**
The view will zoom into the center of the image. Each press of the **ZOOM** button will increase the scale value: Q1 (× 1.3), Q2 (× 1.5) and Q3 (× 2.0).



- 2 Press ◀/▶/▲/▼ to pan the scene and view different sections of the picture.**



- 3 To return to normal view, in Zoom mode, press ZOOM repeatedly until "Q Off" appears.**



Notes:

- You can use the Pause, Slow and Search playback functions in Zoom mode.
- You can use the Zoom function for DivX® CD.
- Zoom function may not apply to some discs.

Locating a specific scene

- 1 Press JUMP during playback, still or stop mode.**



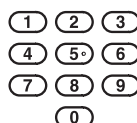
Jump	
Title	---
Chapter	---
Time	---:--

- 2 Press ▲ or ▼ to select a navigation option.**



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

- 3 Use the Number buttons (0–9) to key in a value for the navigation option you selected.**



Jump	
Title	---
Chapter	12
Time	---:--

If you input a wrong number, press **EXIT/CANCEL**. Refer to the disc package to check the correct number.

- 4 Press PLAY to start playback.**



Notes:

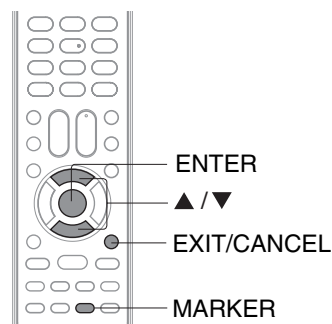
- When you use title navigation, playback starts from the first chapter of the selected title.
- Scene navigation by record time is applicable only to DivX® CDs.
- For audio and video CDs, you can locate a scene by track number or record time.
- For PBC-enabled VCDs, turn off the PBC function first before using the Jump function. Go to page 61.
- Scene navigation may not apply to some discs.

Advanced playback


Scene bookmark


Scene bookmarks refer to specific points in the playback range that have been marked for later access. You can create up to three markers per disc.


Note: The saved scene bookmarks are only accessible during the current session. Once you eject the disc or turn off the TV/DVD, all bookmarks will be cleared.




Bookmarking a scene


- 1** During playback, press **MARKER** at the scene where you would like to place the bookmark.



Marker1	-- : -- : --
Marker2	-- : -- : --
Marker3	-- : -- : --
- 2** Press **▲** or **▼** to select a blank marker, then press **ENTER** to bookmark the selected scene.


Marker1	00 : 27 : 54
Marker2	-- : -- : --
Marker3	-- : -- : --
- 3** Press **MARKER** to close the *Bookmark* window.

- 4** To save two more bookmarks, repeat steps 1–3.

Viewing a scene bookmark

- 1** Press **MARKER** during playback mode.


Marker1	00 : 27 : 54
Marker2	01 : 16 : 25
Marker3	02 : 08 : 31
 - 2** Press **▲** or **▼** to select the saved marker.


Marker1	00 : 27 : 54
Marker2	01 : 16 : 25
Marker3	02 : 08 : 31
 - 3** Press **ENTER** to start playback on the scene saved in the selected bookmark.

- To delete a scene bookmark, perform steps 1 and 2 above, then press **EXIT/CANCEL**.

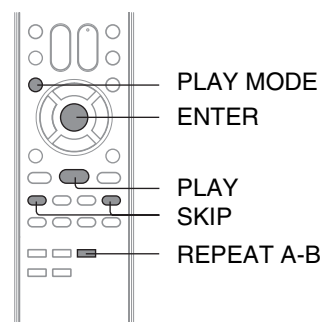
Notes:

- In some cases, subtitles for the marked scene may not display.
- Bookmarking a scene may not apply to some discs.

Repeat playback / A-B repeat

You can choose to repeat DVD playback by title or chapter. For audio and video CDs, you can repeat a single track or the entire disc.

The A-B repeat function lets you repeat a specific section between two set points. This section will be played repeatedly until you turn off the A-B repeat mode.



Enabling repeat playback

- 1 Press **PLAY MODE** during playback or stop mode.

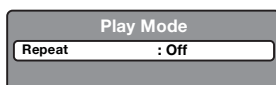
PLAY MODE



- 2 [DVD]
Press **ENTER** repeatedly to select a repeat mode. It can either be by chapter or by title.



The unit automatically starts repeat playback after finishing the current title or chapter.

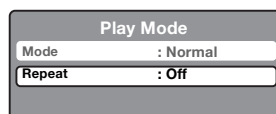


[VCD]

Press **▼** to select "Repeat", then press **ENTER** repeatedly to select a repeat mode. It can either be "Track" or "All".



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



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

- 3 Press **PLAY MODE** again to close the *Play Mode* window.

PLAY MODE



- To resume normal playback, select "Off" in step 2 above.

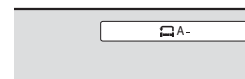
Notes:

- The Repeat mode is canceled when the **SKIP** or buttons are pressed.
- The Repeat playback function may not apply to some discs.

Enabling A-B repeat mode

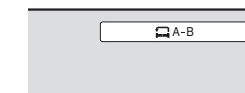
- 1 During playback, press **REPEAT A-B** at the point where you would like the playback loop to begin. This sets your "A" point.

REPEAT A-B



- 2 When the playback reaches the point where you would like the playback loop to stop, press **REPEAT A-B** again. This sets your "B" point.

REPEAT A-B



The section between points A and B will be played repeatedly in a loop until you turn off the Repeat A-B mode.

- To resume normal playback, press **REPEAT A-B** until Off" appears on-screen.

REPEAT A-B



Notes:

- In some cases, subtitles for the repeated scene may not display.
- The A-B repeat mode may not apply to some DVD scenes.
- The A-B repeat mode is not applicable to interactive DVDs and JPEG CDs.

Advanced playback

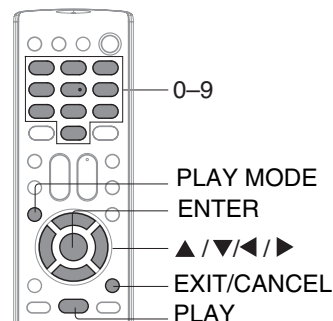
Programmed playback / Random playback

You can program the playback sequence of tracks on a VCD. Or you can set the unit to play tracks at random.

For procedures applicable to audio / MP3 / WMA / JPEG / DivX® CDs, go to page 66.

Notes:

- The programmed and random playback modes are not applicable to PBC-enabled video CDs.
- The programmed and random playback modes are only applicable during the current session. Once you eject the disc or turn off the TV/DVD, these modes will be disabled.



VCD Programming the playback sequence

1 Press PLAY MODE in stop mode.

PLAY MODE



Play Mode	
Mode : Normal	1 ---
Repeat : Off	2 ---
Program Playback	3 ---

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



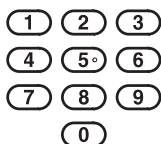
Play Mode	
Mode : Program	1 ---
Repeat : Off	2 ---
Program Playback	3 ---

3 Press ◀ or ▶ to go to the right column. Press ▲ or ▼ to select the playback position, then use the Number buttons (0-9) to input the track for that position.



To program other tracks, repeat this step.

If you input a wrong number, press EXIT/CANCEL.



Play Mode	
Mode : Program	1 9
Repeat : Off	2 ---
Program Playback	3 ---

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



Play Mode	
Mode : Program	1 9
Repeat : Off	2 3
Program Playback	3 11

Track playback will follow the sequence you set in step 3.

- **To resume normal playback**, in step 2, set "Mode" to "Normal".
- **To change the program:**
 - Set "Mode" to "Program".
 - Press ▲ or ▼ to select the playback position you want to change the track input for, then press EXIT/CANCEL.
 - Use the **Number buttons (0-9)** to input the new track for the selected position.
- **To remove a track from the programmed list:** Set "Mode" to "Program". Press ▲ or ▼ to select a playback position, then press EXIT/CANCEL.
- **To clear all the programs:** On the left column, press ▲ or ▼ to select "Clear Program", then press ENTER.

VCD Enabling random playback

1 Press PLAY MODE in stop mode.

PLAY MODE



2 Press ▲ or ▼ to select "Mode", then press ENTER repeatedly to set it to "Shuffle".



Play Mode	
Mode : Shuffle	1 ---
Repeat : Off	2 ---
Program Playback	3 ---

3 Press PLAY to start random playback.

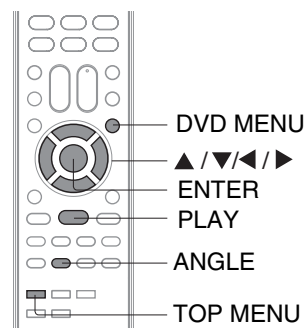
PLAY



Note: If you set random playback during playback mode, random playback will begin after the current track finished playing.

- **To resume normal playback**, in step 2, set "Mode" to "Normal".

Scene angle / Title selection / DVD menu



DVD Changing the scene angle

When playing back a DVD recorded with multi-angle scenes, you can select the scene angle that you prefer.

1 Press **ANGLE** during playback.



2 Press **ANGLE** repeatedly until the preferred scene angle is displayed.



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

DVD Selecting a DVD title

Some DVDs contain two or more titles. If this is the case, you can select a particular title for playback.

1 Press **TOP MENU** during playback to display the title menu.



2 Press **▲/▼/◀/▶** to select the preferred title.



3 Press **PLAY** to start playback.



Notes:

- Title selection may not apply to some DVDs.
- The title menu may simply be referred to a "menu" or "title" in the instructions supplied with the DVD.

Advanced playback

DVD DVD menu

Some DVDs have an encoded menu that allows users to select a specific disc content, enable a particular DVD feature (e.g. subtitle or soundtrack language), or choose a particular title (for multi-title DVDs).

1 Press **DVD MENU** during playback.



2 Press **▲/▼/◀/▶** to select a DVD menu item, then **ENTER** to access it. Use the same keys to enable an option for the selected item.



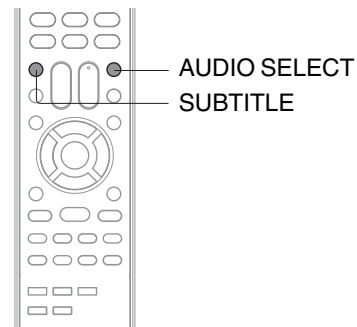
Repeat this step to configure other menu options.

3 Press **DVD MENU** again to resume playback on the scene that was playing when you pressed **DVD MENU**.



Note: Depending on the DVD, you may not be able to resume playback from the same scene that was playing when you pressed **DVD MENU**.

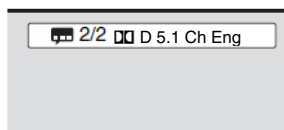
Soundtrack language / Audio channel / Subtitle



Selecting a soundtrack language

You can select the soundtrack language when you play a multilingual DVD.

- During playback, press **AUDIO SELECT** repeatedly until the preferred language track is selected.



Selecting the audio channel

- During playback, press **AUDIO SELECT** repeatedly until the preferred audio channel is heard. Options include "Stereo", "Left", "Right", and "Mix".



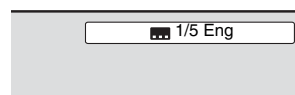
Notes:

- If the preferred language option is not heard after selecting it for several times, that language is not recorded on the disc.
- The soundtrack language selected is only applicable for the current session. When you stop playback and try to play the disc again, the default language track will be used.
- If you select the "DTS" option in DVDs with DTS feature, no sound will be heard from the TV/DVD's speakers. You need to connect an amplifier equipped with a DTS decoder to the coaxial digital audio out jack.

Using subtitles

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

- To view subtitles, press **SUBTITLE** repeatedly during playback until the preferred language is selected.



The *Subtitle* prompt will disappear after a few seconds.

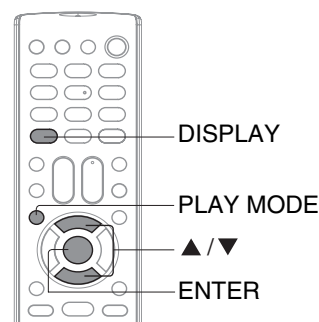
- To disable subtitles, press **SUBTITLE** until "Off" appears.



Notes:

- Not all DVDs have encoded subtitles.
- The subtitle selection may revert to the default language when you stop playback and try to play the DVD again.
- In some cases, the selected subtitle may not display immediately.

Playback information / VCD playback control



DVD VCD Viewing the playback info

■ Press DISPLAY during playback.

DISPLAY

DVD mode

Elapsed / remaining time for current title Elapsed / remaining time for current chapter

DVD Video

Time TT 00:01:52/00:09:11 CH 00:01:41/00:00:01

Title 1/2

Chapter 2/5

Chapter no. Title no.

Audio type Subtitle status (if on, will show language)

1/5 DD 2 Ch Eng

Off

1/1

Bitrate 2.205Mbps

Bit rate Scene angle status

VCD mode

Elapsed / remaining time for current title Elapsed / remaining time for current chapter

VCD2.0

Time DISC 00:00:19/00:16:12 Track 00:00:19/00:02:28

Track 1/8

Track no. (if PBC is enabled, "PBC On" will be displayed)

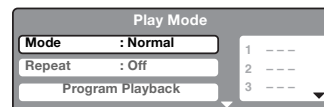
■ To close the display panel, press **DISPLAY**.

VCD Turning off the PBC function

1 Press PLAY MODE in stop mode.



2 Press ▲ or ▼ to select "Mode", then press ENTER repeatedly until "Normal" appears.



3 Press PLAY MODE again to close the screen.



- To turn on the PBC function, follow steps 1–2 above, then press **ENTER** repeatedly until "PBC" appear. When enabled, PBC allows interactive VCD playback using the remote control.

Advanced playback

MP3, WMA, JPEG, DivX® and Audio CD operation

This unit can play MP3, WMA, JPEG, and DivX® files recorded on a CD-R or CD-RW disc. To create the MP3 / WMA / JPEG / DivX® disc, you need a Windows PC with a CD-RW drive and file encoding software. You must use a Windows PC to create the MP3 / WMA / JPEG / DivX® disc.

The DVD player in your TV/DVD unit requires discs/recordings that meet certain technical standards in order to achieve optimal playback quality. There are many different types of recordable disc formats (including CD-R discs containing MP3 or 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 discs for recording MP3 files is not recommended.

You must obtain any required permission from copyright owners to download or use copyrighted content. *Toshiba can not and does not grant such permission.*

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

MP3 / WMA / JPEG / DivX® CD playback reminders

- Make sure the filename of the MP3, WMA, JPEG, and DivX® files in the CD includes the 3-character file extension ("mp3", "wma", "jpg", "div", "divx", and "avi") to make it compliant with the ISO 9660 standard.
- This unit can read 2000 files per disc. If a disc has more than 2000 files, it reads the first 2000 files, while the remaining files will be omitted.
- To play the files in sequence based on the recorded order:
 - Use an encoding software that records data alphabetically or numerically.
 - Include a two- or three-digit number prefix on the filename (ex. "01" "02" or "001" "002").
 - Refrain from making too many sub-folders.
- It may take more than one minute for this unit to read MP3, WMA, JPEG, and DivX® files depending on the disc structure.
- Audio files recorded using the Joliet Recording Specification can be played back in this unit. The filename is displayed (up to 15 characters). Longer file names will be condensed.
- Music recorded based on the "Joliet Recording Specification" can be played back, the filename is displayed (within 15 letters) on the screen. Long file names will be condensed.
- This unit does not support data disc burned using the Apple Mac OS (Hierarchical File System, HFS format).
- MP3 / WMA / JPEG / DivX® CDs cannot be used for recording purpose.

Filename display reminders

- The maximum number of characters for filename display is 15.
- Only the following characters will be displayed: A through Z (both upper and lower case), 0 through 9, and the underscore symbol (_).
- Non-supported characters will be replaced with a hyphen (-).

MP3 / WMA / JPEG / DivX® CD limitations

- Depending on the recording conditions, some MP3 / WMA / JPEG / DivX® CDs cannot be played back in your TV/DVD.
- Only MP3, WMA, JPEG, and DivX® files recorded in the CD-R/RW disc will be played. Other files will not be read nor displayed.

MP3 / WMA / DivX® file encoding information

- MP3
 - File format: MPEG-1 Audio
 - Sampling frequency: 32 kHz, 44.1 kHz, 48 kHz
 - Bit rate: 32 to 320 kbps (constant bit rate or variable bit rate)

The recommended recording setting for high-quality sound is 44.1 kHz sampling frequency and 128 kbps constant bit rate.
- WMA
 - File format: WMA version 7 or 8
 - Sampling frequency: 32 kHz / 48 kbps, 44.1 kHz / 48 to 92 kbps, 48 kHz / 128 to 192 kbps

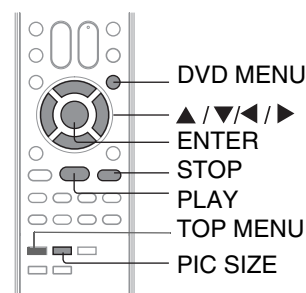
A file recorded in mono (48 kHz / 48 kbps) is not supported by this unit.
- DivX®
 - Version: DivX® 3, 4, 5, and 6 (specifically 3.1.1, 4.1.2, 5.0.2, 5.0.5, 5.1.1, 5.2.1, 6.0 at Home Theater profile)
 - File format: MPEG1 Layer2 (MP2) or MPEG1 Layer3 (MP3)
 - Sampling frequency: 32 kHz, 44.1 kHz, 48 kHz
 - Bit rate: 32 to 320 kbps
 - Resolution: 720 × 576 at 25 fps (max), 720 × 480 at 30 fps

Microsoft, Windows Media, and Windows Logo are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.

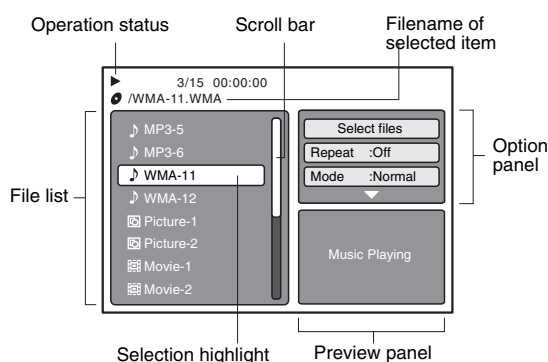
DivX® is a registered trademark of DivX, Inc., and is used under license.

MPEG Layer-3 audio coding technology licensed from Fraunhofer IIS and Thomson.

MP3, WMA, JPEG, DivX® and Audio CD operation (continued)



CD About the file browser



File icons

- Music file (MP3 / WMA / Audio CD track)
- Picture file (JPEG)
- Movie file (DivX® video)

If a CD contains a mixture of MP3, WMA, DivX® and JPEG files, and **PLAY** is pressed without selecting a file, playback automatically begins starting from the first file in the list.

Setting the file type listing

You can choose the type of files listed in the file browser.

1. Press **▶** to move the selection highlight to the Option panel.
2. Press **▲** or **▼** to highlight "Select files", then press **ENTER**.
3. Press **▲** or **▼** to select a file type from the list—Audio or Photo.
4. Press **ENTER** to add or remove the check mark opposite each file type.
Checked file type will be displayed in the file browser.
5. Press **◀** twice to move the selection highlight back to the file list.

Viewing image files in thumbnail mode

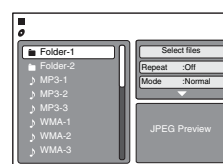
You can change the browser's view mode from list mode to thumbnail mode. This is convenient when browsing for JPEG files.

1. Press **DVD MENU**.
2. Press **◀/▶/▲/▼** to select an image file.
To return the browser to list mode, press **TOP MENU**.

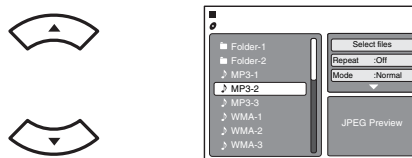


CD Playing an audio file

- 1** Load an MP3 / WMA / Audio CD in the disc slot.
The file browser appears on-screen. The first audio file in the list automatically plays.



- 2** Press **▲** or **▼** to select another audio file for playback.



- 3** Press **PLAY** or **ENTER** to start playback.



- To stop playback, press **STOP**.

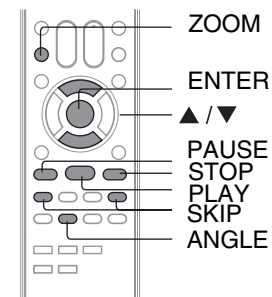


The unit records the stop point. "■" appears on-screen. Press **PLAY** to resume playback. If you press **STOP** twice in quick succession or unload the disc, the unit will clear the stop point.

Notes:

- If the current directory has more than eight files, press **▲** or **▼** to scroll the file list.
- To see folder contents, select a folder and then press **ENTER**.
- To return to the root directory, press **RETURN** or select "Go Up..." then press **ENTER**.
- In thumbnail mode, press **PIC SIZE** repeatedly to change the thumbnail size.
- The Repeat and Random/Programmed playback modes can be enabled during MP3 or WMA playback. Refer to page 66.

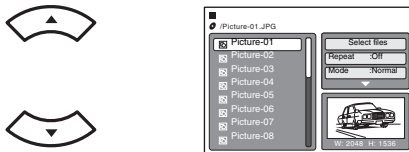
Advanced playback



CD Viewing a JPEG file

- 1 Load a disc containing JPEG files in the disc slot.**
The file browser appears.

- 2 Press ▲ or ▼ to select an image file for viewing.**
A preview of the selected file is displayed in the Preview panel.



- 3 Press ENTER or PLAY.**
The selected image is displayed in fullscreen mode.



Press **SKIP** ◀◀ or ▶▶ to view the previous or next image file in the current directory.

- **To rotate an image**, press **ANGLE** repeatedly until the preferred angle is obtained. The image angle is adjusted in 90° increments.



The current angle setting is shown on-screen: "90°", "180°", "270°", or "No rotation".

- **To magnify an image**, press **ZOOM** repeatedly until the image is displayed in the preferred scale.



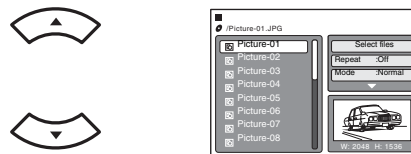
The current zoom setting is indicated by the following icons: Q 1 (× 1.3), Q 2 (× 1.5) and Q 3 (× 2.0). To return to normal view, press **ZOOM** repeatedly until "Q Off" appears.

CD Viewing a slide show

If there are multiple JPEG files in the selected directory, you can view them in a slide show. For instructions on how to enable the slide show feature and set the interval period between pictures, go to page 71.

- 1 Open the file folder containing the JPEG files you want to include in the slide show.**

- 2 Press ▲ or ▼ to select the file you want to be the starting image for the slide show.**



- 3 Press ENTER or PLAY.**



When the slide show is completed, the file browser appears.

- **To view the previous or next image in the slide show**, press **SKIP** ◀◀ or ▶▶.
- **To temporarily stop the slide show**, press **PAUSE**.



"||" appears briefly on-screen. Press **PLAY** or **SKIP** ▶▶ to resume the slide show.

- **To stop the slide show**, press **STOP**.

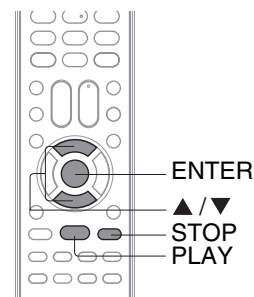


The file browser appears.

Notes:

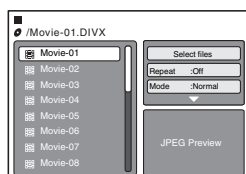
- The Rotate and Zoom modes are available in regular JPEG viewing and slide show modes.
- The Jump and A-B repeat modes are not available when viewing JPEG images.
- During a slide show, the interval time between images may increase if the file size is too big.
- When an image exceeds 5760 × 3840 pixels, the image display can appear cropped. This applies when viewing the image in the Preview panel of the file browser; or when in the thumbnail, fullscreen, or slide show modes.

MP3, WMA, JPEG, DivX® and Audio CD operation (continued)



CD Playing DivX® files

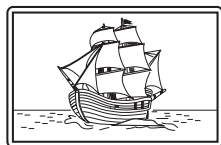
- 1 Load a disc containing DivX® files in the disc slot.**
The file browser appears.



- 2 Press ▲ or ▼ to select a DivX® file for playback.**



- 3 Press ENTER or PLAY to start movie playback.**



Go to page [54](#) for more information on DivX® playback navigation controls.

- **To stop playback, press STOP.**



- **Playback resume function**

Your TV/DVD supports Playback resume function. When playback is halted before it's completed, the unit records the stop point. "■" appears on-screen. Press **PLAY** to resume playback on the previous stop point.

CD DivX® VOD content

ABOUT DIVX VIDEO: DivX® is a digital video format created by DivX, Inc. This is an official DivX certified device that plays DivX video. Visit www.divx.com for more information and software tools to convert your files to DivX video.

ABOUT DIVX VIDEO-ON-DEMAND: This DivX Certified® device must be registered in order to play DivX Video-in-Demand (VOD) content. To generate the registration code, locate the DivX VOD section in the device setup menu. Go to vod.divx.com with this code to complete the registration process and learn more about DivX VOD. Go to page [72](#) for instructions.

If an incorrect DRM file is loaded, the message "Authorization Error This player is not authorized to play this video." appears on-screen.

DivX® VOD content can only be played for a certain number of times. A message prompt will appear to show the allowable number of views. If you intend to consume all your view options during the current session, select "Yes".

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

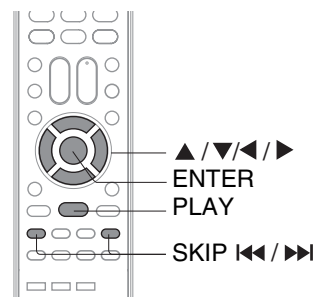
Yes No

If you attempt to play DivX® VOD content that has already reached its view limit, the message "Rental Expired" appears on-screen. In this case, you will not be able to play the file.

MP3, WMA, JPEG, DivX® and Audio CD playback modes

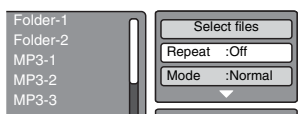
You can choose to repeat CD playback by track or the entire disc. You can also program the file playback sequence or set the unit to play files at random.

Note: These playback modes are only applicable during the current session. Once you eject the disc or turn off the TV/DVD, these modes will be disabled. Pressing the **SKIP** ◀◀ or ▶▶ buttons during playback will also cancel these modes.

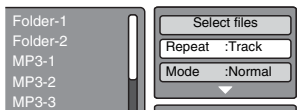


CD Enabling repeat playback

- 1 During stop mode, in the Option panel of the file browser, press ▲ or ▼ to select "Repeat".



- 2 Press ENTER repeatedly to select a repeat mode, "Track" or "All".



- 3 Press PLAY.

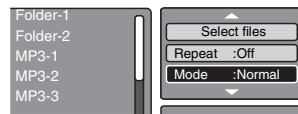
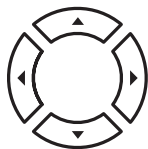


The unit automatically starts repeat playback after finishing the current track.

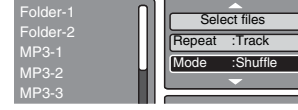
- To resume normal playback, select "Off" in step 2 above.

CD Enabling random playback

- 1 During stop mode, in the Option panel of the file browser, press ▲ or ▼ to select "Mode".



- 2 Press ENTER repeatedly to set mode to "Shuffle".



- 3 Press PLAY.

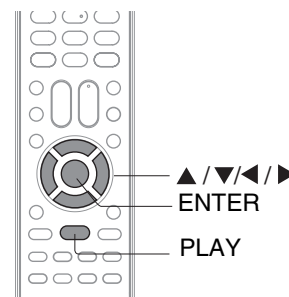


The unit automatically applies the shuffle mode.

- To resume normal playback, select "Normal" in step 2 above.

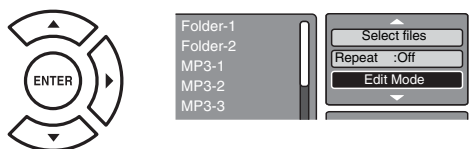
Note: When the "Music Intro" mode is enabled, the first 10 seconds of an audio track is played. This is useful if you are simply looking for a particular track in a list.

MP3, WMA, JPEG, DivX® and Audio CD playback modes (continued)



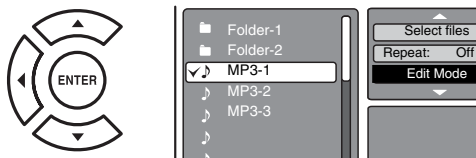
CD Programming the playback sequence

- 1 In the Option panel of the file browser, press ▲ or ▼ to select “Edit Mode”, then press ENTER.



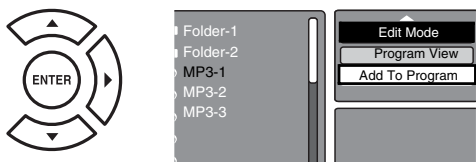
Once the Edit Mode button is highlighted in black, you can now select files to add into the program playlist.

- 2 Press ▲ or ▼ to select a file, then press ENTER to mark it for inclusion in the programmed playlist. A check mark will appear opposite the file.

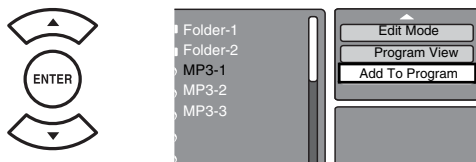


Repeat this step to mark any other files you want to add in the programmed playlist.

- 3 In the Option panel, press ▲ or ▼ to select “Add To Program”, then press ENTER to add the marked files in the programmed playlist.



- 4 Press ▲ or ▼ to select “Edit Mode”, then press ENTER to disable it.

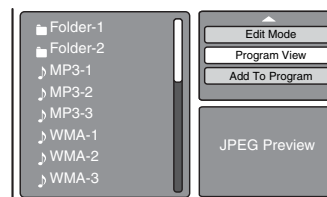


- 5 Press ▲ or ▼ to select “Program View”, then press ENTER.



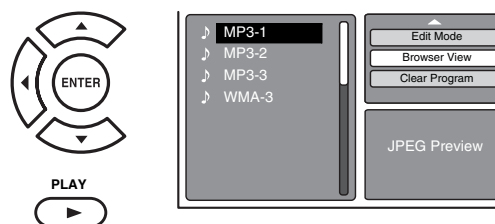
Program View

In Program view, only the files you added in step 3 are displayed.



Browser View

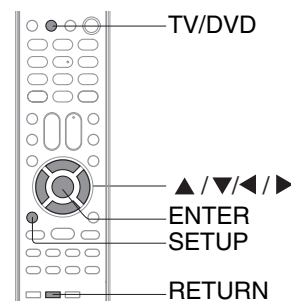
- 6 In the programmed file list, press ▲ or ▼ to select a file, then press PLAY to start playback.



- To remove a file from the programmed list:
 1. In Program view, press ◀/▶/▲/▼ to select “Edit Mode” on the Option panel, then press ENTER to enable it.
 2. Press ◀ to go to the programmed list.
 3. Press ◀/▶/▲/▼ to select the file you want to remove, then press ENTER.
 4. Repeat step 3 to mark any other files you want to remove from the list.
 5. Press ▶ to go to the Option panel.
 6. Press ▲ or ▼ to select “Clear Program”, then press ENTER.

Customizing disc playback

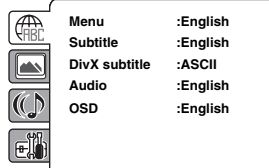
You can customize the disc playback settings to suit your preferences.



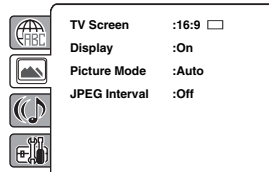
Configuring the disc playback settings

1 In DVD mode, press **SETUP** during stop mode.

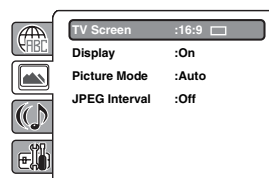
MENU
SETUP



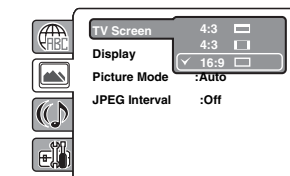
2 Press **▲** or **▼** to select a setup tab, then press **▶**. The first setup option is highlighted.



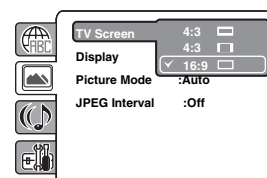
3 Press **▲** or **▼** to select the setup option you want to customize.



4 Press **▶** or **ENTER** to display a list of available option settings.



5 Press **▲** or **▼** to select an option setting, then press **ENTER** to apply and save it.



Go to pages **69–72** for list of description for each option setting.

6 To configure another option on the same setup tab, repeat steps 3–5.

To configure an option on another tab, press **◀**, then use the **▲** or **▼** keys to select a setup tab. Repeat steps 3–5 to configure the preferred option.





7 To close the Setup screen, press **SETUP** or **RETURN**.

MENU
SETUP

RETURN

Customizing disc playback (continued)

Disc playback setup

Tab	Option	Description	Go to page
	Menu	Select the language for the DVD menu display.	70
	Subtitle	Select the subtitle language for disc playback.	
	DivX subtitle	Select the subtitle language for DivX® VOD playback.	
	Audio	Select the audio language for disc playback.	
	OSD	Select the language for the Setup screen display.	
	TV Screen	Select the screen size for disc playback.	70
	Display	Choose whether to show a status display whenever a button is pressed.	71
	Picture Mode	Select the DVD source content.	
	JPEG Interval	Select the interval time between images in a slide show.	
	Night Mode	Toggle the night mode on or off.	71
	Digital Out	Select the format for the digital audio output corresponding to your audio connection.	
	Parental	Set the restriction level for allowable disc content.	72
	Password	Change the access password for the parental control setting.	
	DivX(R) VOD	Display the 10-character registration code for viewing DivX® VOD content.	
	DivX Deregistration	Display the 8-character deregistration code.	

Function setup

Note: These setup settings are retained in the unit's memory. It remains active even if the power is turned off.

Disc playback setup (*continued*)

	Menu	:English
	Subtitle	:English
	DivX subtitle	:ASCII
	Audio	:English
	OSD	:English

■ Menu and OSD

Select the language for the DVD and Setup menu display. Options include: English, Français, and Español.

■ Subtitle and Audio

Select the language for the subtitle display and audio track output during disc playback.

English,
Français,
Español The selected language will be heard or seen.

Auto (Subtitle) The unit will display the subtitle in the disc's default language.

Off (Subtitle) There will be no subtitle display.

Note: If the selected language is not available, the default disc language will be used.

■ DivX subtitle

Select the subtitle encoding format to use during DivX content playback.



	TV Screen	:16:9 <input type="checkbox"/>
	Display	:On
	Picture Mode	:Auto
	JPEG Interval	:Off

■ TV Screen

Select the picture size during disc playback.

4:3 ☐ The picture is displayed in a widescreen aspect with horizontal black bars on the top and bottom of the screen.

4:3 ☐ The picture is displayed in a widescreen aspect with the left and right edges automatically cut off.

16:9 ☐ The picture is displayed in a widescreen aspect using the entire screen.

Note: If the DVD is not formatted in the Pan and Scan style, it will be displayed in the standard 4:3 proportion.

■ Display

Choose whether to show a status display whenever a button is pressed.

Off There will be no on-screen display when any button is pressed.

On There will be an on-screen display when any button is pressed (default).

Customizing disc playback (continued)

Disc playback setup (continued)

■ Picture Mode

The source content of a DVD can either be recorded in: *film format* (images are recorded at 24 frames per second) or *video format* (images are recorded at 30 frames per second).

Auto The DVD player automatically detects the type of source content and converts that signal in an appropriate method based on the TV's current aspect ratio. This option will normally suit most DVDs.

Film Suitable for playback of DVDs recorded in a film format.

Video Suitable for playback of DVDs recorded in a video format.

Note: If picture appears cut off or doubled, select the "Video" setting.

■ JPEG Interval

Select the interval time between images during a JPEG slide show.

Off Slide show option is disabled.

5, 10, or 15 seconds Images will be displayed in a slide show using the selected interval time.



Night Mode :Off
Digital Out :Bitstream

■ Night Mode

Select to toggle the Night Mode feature on or off. When enabled, this function allows for automatic volume level adjustment for audio that may be too low (e.g. whispered dialogues) or too high (e.g. a thunderstorm scene).

Off Audio retained its disc recording volume level.

On Volume level is automatically adjusted depending on the scene content.

Note: The Night Mode feature is only applicable to Dolby Digital-featured DVDs. The adjusted sound level depends on the DVD encoding.

■ Digital Out

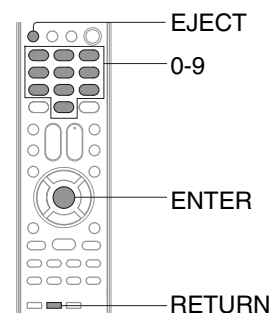
Select the sound format of the digital output depending on the enabled signal connection.

Off Disable digital sound output. Select this option when there's no equipment connected to the Coaxial Digital Audio Out jack.

PCM Change Dolby Digital output to PCM. Select this option when using a two-channel digital stereo amplifier.

Bitstream Select this option to output the signal in its native format

Note: MPEG audio will always be in PCM format regardless of the Digital Output setting.



Disc playback setup (continued)



Parental	:Off
Password	:Change
DivX(R) VOD	:Display
DivX Deregistration	:Display

■ Parental

A DVD is usually encoded with a rating level to indicate the recommended audience age. You have the option to select the content rating level allowed for playback in your TV/DVD.

You will be prompted to key in the system password to access this settings option. Press **▲** or **▼** to select the allowable rating level, then press **ENTER**.

- Off** No playback restriction. All discs can be played regardless of content rating.
- Level 1–5** Discs of varied non-adult ratings will be played back. The higher the number, the more severe the content is.
- Level 6–8** Discs of varied adult only ratings will be played back.

Notes:

- The Parental rating levels correspond to the US movie ratings.

Level 1 – Kid Safe	Level 5 – PG-R
Level 2 – G	Level 6 – R
Level 3 – PG	Level 7 – NC-17
Level 4 – PG-13	Level 8 – Adult
- Some discs may not have their rating level encoded on the disc though it's indicated on the disc jacket. Playback restriction will not apply to these discs so make sure to restrict access to it manually.

To temporarily cancel the parental restriction:

- Load the restricted content DVD that you want to play.
- Use the **Number buttons (0–9)** to input the system password after the “Enter Password” message, then press **ENTER**.

This suspension of the parental restriction setting only applies until the disc is ejected.

■ Password

Select this option to change the access password for the parental control setting.

- Press **▲** or **▼** to select “Password”, then press **ENTER**.
- Use the **Number buttons (0–9)** to input the current password, then press **ENTER**.
If the password has not been set yet key in “0000”. This is the factory default password.
- Use the **Number buttons (0–9)** to input the new password, then press **ENTER**.
You will be prompted to confirm the new password.
- Use the **Number buttons (0–9)** to input the new password again, then press **ENTER**.
- Press **ENTER** one last time to confirm the changed password. Note this new password for future reference.

If you forget the system password:

- Make sure there is no disc in the disc slot.
- Press and hold down “4” on the remote control, then press **VOL-** on the unit.

The “Initializing” message appears on-screen to indicate that the password has been reset to its default factory setting “0000”. All DVD Setup-related settings will also be reset to their default factory values.

■ DivX(R) 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. During registration you will be required to provide your unit's registration code. To generate this code, select **DivX(R) VOD**, then press **ENTER**. Note down the 10-character registration code that is displayed.

■ DivX Deregistration

In order to deregister this unit, you will be required to provide your unit's deregistration code. To generate this code, select **DivX Deregistration**, then press **ENTER**. Note down the 8-character deregistration code that is displayed.

Power Return feature

If the power is cut off while the TV/DVD is turned on, the "Power Return" feature will enable the TV/DVD to automatically turn on once power has been reconnected as long as the power cord remains connected.

If there will be no power connection for an extended period or if the TV/DVD will not be used for a long time, make sure to unplug the power cord from the wall outlet to prevent the TV/DVD from turning on in your absence.

Troubleshooting

Refer to the following checklist to troubleshoot simple problems that may occur during TV operation. If the problem persists despite following these instructions, consult your local dealer or service outlet for assistance.

Check that all connections are properly made when using the TV with another equipment.

Symptom	Possible solution	Go to page
Power		
TV/DVD does not operate.	<ul style="list-style-type: none"> • Make sure the power cord connection is secure. • Try another AC outlet. • Unplug the power cord and then plug it back in. 	26
TV broadcast reception		
Poor sound or no sound.	<ul style="list-style-type: none"> • The station or cable TV may have problems. Try another station. • Check the volume adjustment level or the mute status. • Check for sources of possible interference. 	32
		32
		75
Poor picture or no picture.	<ul style="list-style-type: none"> • The station or cable TV may have problems. Try another station. • Check the antenna connections; if necessary, reorient the antenna. • Check for sources of possible interference. • Check the "Picture" settings. 	32
		14
		75
		42
Poor reception on some channels.	<ul style="list-style-type: none"> • The station or cable TV may have problems. Try another station. • The station signal may be weak, reorient the antenna. • Check for sources of possible interference. 	32
		14
		75
Poor color or no color.	<ul style="list-style-type: none"> • The station or cable TV may have problems. Try another station. • Make sure channels are saved in the unit's memory. • Check the "Picture" settings. • Check the antenna connections; if necessary, reorient the antenna. • Check for sources of possible interference. 	32
		30
		42
		14
		75
Picture wobbles or drifts.	<ul style="list-style-type: none"> • The station or cable TV may have problems. Try another station. • Make sure channels are saved in the unit's memory. • Check the antenna connections; if necessary, reorient the antenna. • The cable TV company is scrambling the signal. 	32
		30
		14
		–
No CATV reception.	<ul style="list-style-type: none"> • Check the cable TV connections. • Set the "Air/Cable" setting to "Cable". • The station or cable TV may have problems. Try another station. 	15
		29
		32
Horizontal or diagonal bars on the screen.	<ul style="list-style-type: none"> • Check the antenna connections; if necessary, reorient the antenna. • Check for sources of possible interference. 	14
		75
No reception above the channel 13.	<ul style="list-style-type: none"> • Make sure the "Air/Cable" setting is in the appropriate position. • If an antenna is used, check the UHF antenna connections. 	29
		14
TV shuts off.	<ul style="list-style-type: none"> • The "Auto shut off" feature is enabled. • The sleep timer has been activated. • There is a power interruption. 	50
		33
		–
Closed captions are not displayed.	<ul style="list-style-type: none"> • The TV station may have problems or the current program has no closed caption feature. Try another channel. • Check the cable TV connection or VHF/UHF antenna; if necessary, reorient the antenna. • Make sure the "CC Setting" is set to "On". 	32
		14, 15
		40
Display is not shown in your preferred language.	<ul style="list-style-type: none"> • Set your preferred language. 	28

Others

Troubleshooting (continued)

Symptom	Possible solution	Go to page
Disc playback		
Playback does not start.	<ul style="list-style-type: none"> • No disc is loaded. • The disc may be dirty. Clean the disc. • The disc format is not supported. 	52 7 8
No picture.	<ul style="list-style-type: none"> • The unit is not in DVD mode. 	52
No sound.	<ul style="list-style-type: none"> • The unit is in the special playback mode. • If an external speaker is connected, check its volume control. • If using an amplifier, check the coaxial digital audio out connection. 	54 – 19–22
	<ul style="list-style-type: none"> • If using an analog amplifier with your 26LV610U-T TV, check the analog audio out connection 	23
Picture is distorted during fast reverse/forward playback.	<ul style="list-style-type: none"> • The picture will be distorted occasionally. This is normal. 	–
Stopping playback, search, slow motion play, repeat play, or programmed play, etc. cannot be performed.	<ul style="list-style-type: none"> • These playback features are not applicable to all discs. 	–
The unit keys or the remote control is not functioning.	<ul style="list-style-type: none"> • Turn off the unit and unplug the AC power cord for several minutes, then replug it. 	26
Playback does not start when the title is selected.	<ul style="list-style-type: none"> • The disc may not be compliant with the “Parental” setting. 	72
The audio soundtrack and/or subtitle language cannot be changed.	<ul style="list-style-type: none"> • The disc has no multilanguage option encoded on it. 	60
No subtitle.	<ul style="list-style-type: none"> • The disc has no subtitle encoded on it. • Subtitles are disabled. Press SUBTITLE. 	60
Scene angle cannot be changed.	<ul style="list-style-type: none"> • The disc has no multiangle scenes. 	59
“X” appears on the screen.	<ul style="list-style-type: none"> • The function is not applicable to the disc or to the current mode. 	8
Remote control operation		
The remote control does not function.	<ul style="list-style-type: none"> • Aim the remote control at the remote sensor. • Make sure you are using the remote control within approximately five meters of the unit or reduce the light in the room. • Make sure there's no obstruction on the path of the beam. • The batteries are no longer working. Replace the batteries. • Make sure the batteries are properly positioned. 	13

Reception disturbances

Most types of television interference can be resolved 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 occurs when the TV/DVD is connected to a cable TV system, the disturbance may be caused by the local cable TV company broadcast.

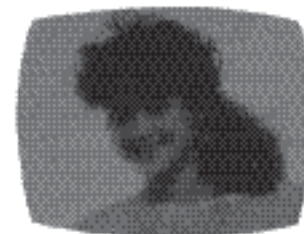
Ignition

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.



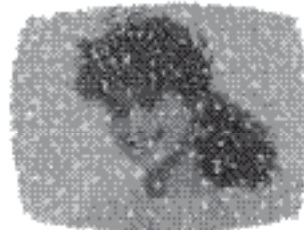
Ghosts

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.



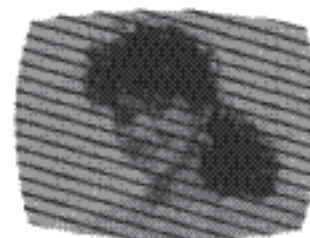
Snow

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)

RFI is 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.



Others

Care and maintenance

- To prevent fire or shock hazard, ALWAYS disconnect the TV/DVD from the power source before cleaning the unit.
- Wipe the display panel surface gently using only a soft cloth (supplied.) A hard cloth may damage the surface of the panel.
- Avoid contact with alcohol, thinner, benzene, acidic or and alkaline solvent cleaners, abrasive cleaners, or chemical cloths, which may damage the surface.
- Never spray volatile compounds such as insecticide on the cabinet. Such products may damage or discolor the cabinet.

Specifications

Model	19LV610U-T		22LV610U-T / 22LV611U-T	26LV610U-T
General				
Power supply		AC 120 V 60 Hz		
Power consumption	Operation	41 W	58 W	94 W
	Standby	0.8 W	0.8 W	0.8 W
Weight		11.22 lb (5.09 kg)	12.19 lb (5.53 kg)	19.36 lb (8.78 kg)
Dimension	Width	18.76 inch (476.4 mm)	21.65 inch (549.9 mm)	26.83 inch (681.4 mm)
	Height	14.44 inch (366.9 mm)	16 inch (406.45 mm)	20.16 inch (512.1 mm)
	Depth	8.07 inch (205 mm)	8.13 inch (206.5 mm)	8.99 inch (228.25 mm)
Operating temperature		5–35 °C (41–95 °F)		
Operating humidity		Less than 80% RH (no condensation)		
Television				
LCD panel (approximate screen size, diagonal)		18.5 inch	21.6 inch	26.0 inch
Panel type		Color TFT LCD		
Number of pixels (H × V)		1366 × 768		
Television system		NTSC, ATSC (8VSB), QAM (up to i=128, j=4)		
Receiving channels		VHF: 2-13 UHF: 14-69 CATV: 1-135 (4A, A-5~A-1, A~I, J~W, W+1~W+94)		
Antenna input		VHF/UHF 75 Ω		
Speaker		30×70 mm, 4 Ω × 2		42×110 mm, 6 Ω × 2
Audio output power		1.5 W + 1.5 W		5.0 W + 5.0 W
DVD/CD player				
Signal system		NTSC		
Supported disc size		12 cm, 8 cm		
Pickup mechanism		1-lens, 2-beams		
Input/Output				
S-Video input		(Y) 1.0 V (p-p), 75 Ω, negative sync., 4-pin mini-DIN × 1 (C) 1.0 V (p-p), 75 Ω		
ColorStream video input		(Y) 1.0 V (p-p), 75 Ω, negative sync, pin jack × 1 (PB, PR) 0.7 V (p-p), 75 Ω, pin jack × 2		
Video input		1.0 V (p-p), 75 Ω, negative sync, pin jack × 1		1.0 V (p-p), 75 Ω, negative sync, pin jack × 2
Audio input		–10.7 dBm, 47 kΩ, pin jack (L/R) × 2		
Audio output		–		–10.7 dBm, 47 kΩ, pin jack (L/R) × 2
HDMI input		■ HDMI compliant (type A connector), HDCP compliant, E-EDID compliant ■ Suggested scan rates: 480i, 480p, 720p, 1080i, 1080p ■ HDMI audio: 2-channel PCM, 32/44.1/48 kHz sampling frequency, 16/20/24 bits per sample		
PC input		Monitor: 15-pin mini-D-sub × 1; audio: 3.5-mm stereo jack × 1		
Coaxial digital audio output		0.5 V (p-p), 75 Ω, pin jack × 1		
Headphone		3.5-mm stereo mini jack × 1		–
Accessories		(1) Remote control ■ SE-R0305 for 19LV610U-T / 22LV610U-T / 26LV610U-T ■ SE-R0316 for 22LV611U-T (2) Batteries (R03/AAA) (1) AC cord (1) Cleaning cloth (1) Owner's manual (this booklet) (1) Quick setup guide (Spanish)		
Notes:				
<ul style="list-style-type: none">• 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.

Others

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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