

# TOSHIBA



**FST PURE**

**SDTV**  
STANDARD DEFINITION TELEVISION

## COMBINATION FLAT COLOR TELEVISION AND DVD VIDEO PLAYER

# MD14H63 MD20H63 MD24H63

OWNER'S MANUAL

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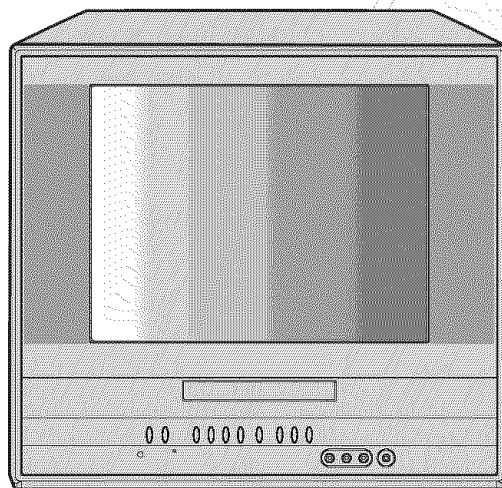


Illustration of MD14H63

©2007 Toshiba Corporation  
This device does not tape-record copy protected DVD video discs.

**Dear Customer,**

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

**Safety Precautions****WARNING**

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



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



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

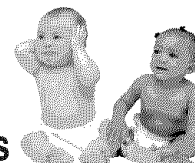
**CAUTION:** To reduce the risk of electric shock, do not use the polarized plug with an extension cord, receptacle, or other outlet unless the blades can be inserted completely to prevent blade exposure.

**NOTE TO CATV INSTALLERS**

This is a reminder to call the CATV system installer's attention to Article 820-40 of the NEC, which provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical. For additional antenna grounding information, see items 26 and 27 on page 4.

**NOTICE OF POSSIBLE ADVERSE EFFECTS ON TV PICTURE DISPLAY**

If a fixed (non-moving) pattern or image remains on the TV screen for extended periods of time, the image can become permanently ingrained in the cathode ray tube(s) of the TV and cause subtle but permanent ghost images. **This type of damage is NOT COVERED BY YOUR WARRANTY.** See page 4 for details.

**It Makes A Difference Where Your TV Stands**

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

**The Issue**

- If you are like most consumers, you have a TV in your home. Many homes, in fact, have more than one TV.
- The home theater entertainment experience is a growing trend, and larger TVs are popular purchases; however, they are not always supported on the proper TV stands.
- Sometimes TVs are improperly secured or inappropriately situated on dressers, bookcases, shelves, desks, audio speakers, chests, or carts. As a result, TVs may fall over, causing unnecessary injury.

**Toshiba Cares!**

- The consumer electronics industry is committed to making home entertainment enjoyable and safe.
- The Consumer Electronics Association formed the Home Entertainment Support Safety Committee, comprised of TV and consumer electronics furniture manufacturers, to advocate children's safety and educate consumers and their families about television safety.

**Tune Into Safety**

- One size does NOT fit all! Use appropriate furniture large enough to support the weight of your TV (and other electronic components).
- Use appropriate angle braces, straps, and anchors to secure your furniture to the wall (but never screw anything directly into the TV).
- Carefully read and understand the other enclosed instructions for proper use of this product.
- Do not allow children to climb on or play with furniture and TVs.
- Avoid placing any item on top of your TV (such as a VCR, remote control, or toy) that a curious child may reach for.
- Remember that children can become excited while watching a program and can potentially push or pull a TV over.
- Share our safety message about this hidden hazard of the home with your family and friends. Thank you!



2500 Wilson Blvd.  
Arlington, VA 22201 U.S.A.  
Tel. 703-907-7600 Fax 703-907-7690  
www.CE.org  
*CEA is the Sponsor, Producer and  
Manager of the International CES<sup>®</sup>*

# IMPORTANT SAFEGUARDS

## Important Safety Instructions

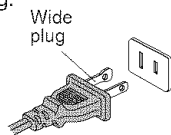
- 1) Read these instructions.
- 2) Keep these instructions.
- 3) Heed all warnings.
- 4) Follow all instructions.



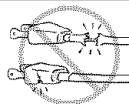
- 5) Do not use this apparatus near water.
- 6) Clean only with a dry cloth.

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

- 9) Do not defeat the safety purpose of the polarized or grounding type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.



- 10) Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where it exits the apparatus.



- 11) Only use attachments/accessories specified by the manufacturer.

- 12) Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.



- 13) Unplug this apparatus during lightning storms or when unused for long periods of time.



- 14) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

## Additional Safety Precautions

- 14a) **CAUTION:** If the TV is dropped and the cabinet or enclosure surface has been damaged or the TV does not operate normally, take the following precautions:
  - ALWAYS turn off the TV and unplug the power cord to avoid possible electric shock or fire.
  - To prevent personal injury, never handle the damaged television.
  - ALWAYS contact a service technician to inspect the TV any time it has been damaged or dropped.

- 15) **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.



## Installation, Care, and Service

### Installation

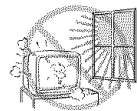
Follow these recommendations and precautions and heed all warnings when installing your TV:

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

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



- 18) Never place or store the TV in direct sunlight; hot, humid areas; areas subject to excessive dust or vibration; or locations with temperatures at or below 41°F (5°C).



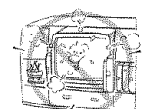
- 19) Always place the TV on the floor or a sturdy, level, stable surface that can support the weight of the unit.



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



- 21) 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.

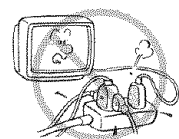


The slots and openings are provided to protect the TV from overheating and to help maintain reliable operation of the TV.

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

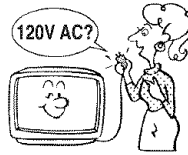
- 23) Never allow anything to rest on or roll over the power cord, and never place the TV where the power cord is subject to wear or abuse.

- 24) Never overload wall outlets and extension cords.

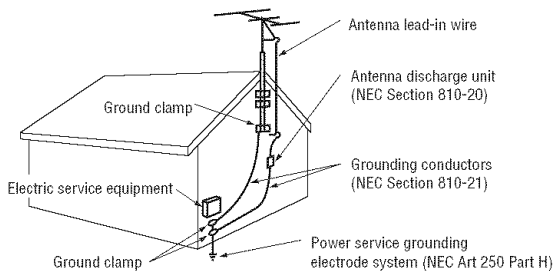


# IMPORTANT SAFEGUARDS

- 25) Always operate this equipment from a 120 V AC, 60 Hz power source only.



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



- 27) **! DANGER: RISK OF SERIOUS PERSONAL INJURY OR DEATH!**

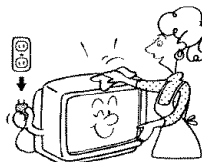
- Use extreme care to make sure you are never in a position where your body (or any item you are in contact with, such as a ladder or screwdriver) can accidentally touch overhead power lines. Never locate the antenna near overhead power lines or other electrical circuits.
- Never attempt to install any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

## Care

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

- 28) Always sit approximately 10–25 feet away from the TV and as directly in front of it as possible. The picture can appear dull if you sit too far to the left or right of the TV, or if sunlight or room lights reflect on the screen. Turn the TV off to check for reflections on the screen, and then remove the source of reflections while viewing the TV.

- 29) Always unplug the TV before cleaning. Never use liquid or aerosol cleaners.

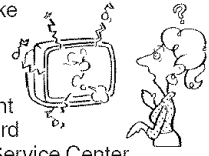


- 30) **! WARNING: RISK OF ELECTRIC SHOCK!** Never spill liquids or push objects of any kind into the TV cabinet slots.

- 31) [This item applies to projection TVs only.] If the air temperature rises suddenly (for example, when the TV is first delivered), condensation may form on the lenses. This can make the picture appear distorted or the color appear faded. If this happens, turn off the TV for 6 to 7 hours to allow the condensation to evaporate.

- 32) 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.

- 33) 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.

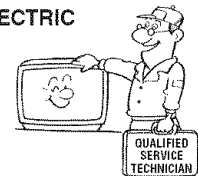


- 34) **Possible Adverse Effects on TV Picture Display:** If a fixed (non-moving) pattern or image remains on the TV screen for extended periods of time, the image can become permanently ingrained in the cathode ray tube(s) of the TV and cause subtle but permanent ghost images. **This type of damage is NOT COVERED BY YOUR WARRANTY.** Never leave the TV on for extended periods of time while it is displaying the following images or formats:

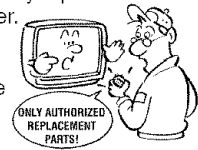
- **Fixed Images**, including but not limited to PIP/POP windows, closed captions, video game patterns, TV station logos, stock tickers, and websites.
- **Special Formats** that do not use the entire screen, including but not limited to widescreen or letterbox format media viewed on a 4:3 aspect ratio display (with gray or black bars at the top and bottom of the screen); or 4:3 aspect ratio format media viewed on a widescreen/16:9 aspect ratio display (with gray or black bars on the left and right sides of the screen).

## Service

- 35) **! WARNING: RISK OF ELECTRIC SHOCK!** Never attempt to service the TV yourself. Opening and removing the covers may expose you to dangerous voltage or other hazards. Refer all servicing to a Toshiba Authorized Service Center.



- 36) 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.



- 37) When the TV reaches the end of its useful life, ask a qualified service technician to properly dispose of the TV. Improper disposal may result in a picture tube implosion and possible personal injury.



# SAFETY PRECAUTION/ Power source

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

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

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

**CAUTION:**  
THIS DIGITAL VIDEO PLAYER EMPLOYS A LASER SYSTEM.

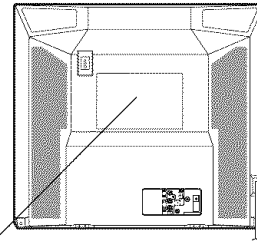
TO ENSURE PROPER USE OF THIS PRODUCT, PLEASE READ THIS OWNER'S MANUAL CAREFULLY AND RETAIN FOR FUTURE REFERENCE. SHOULD THE UNIT REQUIRE MAINTENANCE, CONTACT AN AUTHORIZED SERVICE LOCATION.

USE OF CONTROLS, ADJUSTMENTS OR THE PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

TO PREVENT DIRECT EXPOSURE TO LASER BEAM, DO NOT TRY TO OPEN THE ENCLOSURE. VISIBLE LASER RADIATION MAY BE PRESENT WHEN THE ENCLOSURE IS OPENED. DO NOT STARE INTO BEAM.

## Location of the required Marking

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



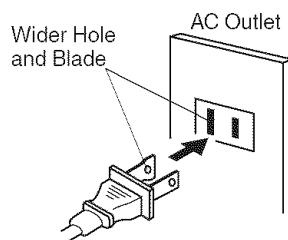
CERTIFICATION: COMPLIES WITH  
FDA RADIATION PERFORMANCE  
STANDARDS, 21 CFR SUBCHAPTER J.

**WARNING:** This product contains a laser beam. Do not attempt to stare at the beam through the DVD disc tray or the ventilation openings. Staring directly at the beam may cause permanent damage to your eyesight.

## IMPORTANT RECYCLING INFORMATION

This product uses both Cathode Ray Tube (CRT) and other components that contain lead. In your community there might be regulations that require you to dispose these materials properly under environmental considerations. Please contact your local authorities, or the Electronic Industries Alliance (<http://www.eiae.org>) for disposal or recycling information.

## Power source



Polarized AC Cord Plug  
(One blade is wider than the other.)

### TO USE AC POWER SOURCE

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

#### Notes:

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

## Precautions

### Notes on handling

- When shipping the unit, the original shipping carton and packing materials come in handy. For fully protection, repack the unit as it was originally packed at the factory.
- Do not use volatile liquids, such as insect spray, near the unit. Do not leave rubber or plastic products in contact with the unit for a long time. They 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, be sure to remove the disc and turn off the power.
- If you do not use the unit for a long period, the unit may not function properly in the future. Turn on and use the unit occasionally.

### Notes on locating

- Place the unit on a level surface. Do not use it on a shaky or unstable surface such as a wobbling table or inclined stand. The loaded disc may come off the proper position and cause damage to 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.

### Notes on cleaning

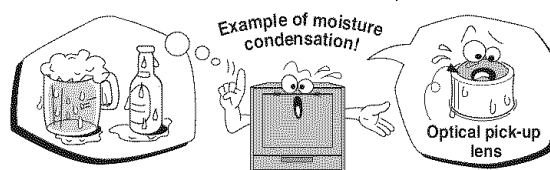
Use a soft, dry cloth for cleaning.

- For stubborn dirt, Do not use any type of solvent, such as thinner and benzine, as they may damage the surface of the unit.
- If you use a chemical saturated cloth to clean the unit, follow that product's instructions.

### Notes on moisture condensation

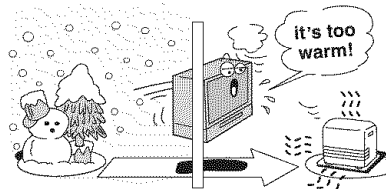
**Moisture condensation damages the unit. Please read the following carefully.**

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



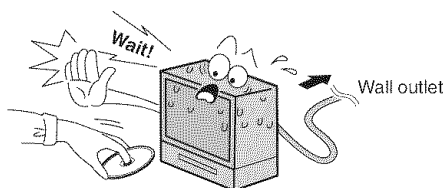
■ **Moisture condensation occurs during the following cases.**

- When you bring the unit directly from a cold place to a warm place.
- When you use the unit in a room where you just turned on the heater, or a place where the cold wind from the air conditioner directly hits the unit.
- In summer, when you use the unit in a hot and humid place just after you move the unit from an air conditioned room.
- When you use the unit in a humid place.



■ **Do not use the unit when moisture condensation may occur.**

If you use the unit in such a situation, it may damage discs and internal parts. Remove the disc, connect the power cord of the unit to the wall outlet, turn on the unit, and leave it for two or three hours. After two or three hours, the unit will have warmed up and evaporated any moisture. Keep the unit connected to the wall outlet and moisture condensation will seldom occur.



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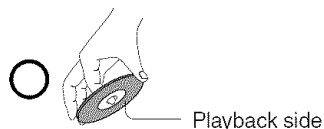
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## Notes and Information

### On handling discs

- Do not touch the playback side of the disc.

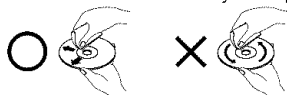


- Do not attach paper or tape to discs.



### 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.

### On Video CDs

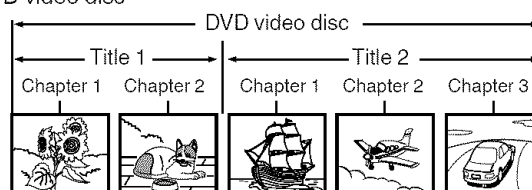
This unit supports Video CDs equipped with the PBC (Version 2.0) function. (PBC is the abbreviation of Playback Control.) You can enjoy two playback variations depending on types of discs.

- Video CD not equipped with PBC function (Version 1.1)**  
Sound and movie can be played on this unit in the same way as a DVD.
- Video CD equipped with PBC function (Version 2.0)**  
In addition to operation of a Video CD not equipped with the PBC function, you can enjoy playback of interactive software with search function by using the menu displayed on the TV screen (Menu Playback). Some of the functions described in this owner's manual may not work with some discs.

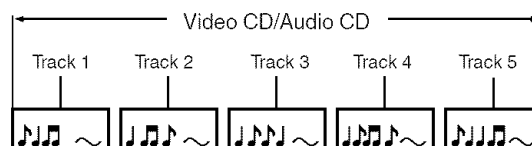
### Structure of disc contents

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

DVD video disc





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 region numbers

The region number of this unit is 1. If region numbers, which stand for their playable area, are printed on your DVD video disc and you do not find  or , disc playback will not be allowed by the player. (In this case, the unit will display a message on-screen.)




### Notes on copyright

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

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

## Playable discs

This unit can play the following discs.


	Disc Mark	Contents	Disc Size	Maximum playback time
DVD video discs		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 CDs		Audio + Video (moving pictures)	12 cm	Approx. 74 minutes (single sided disc)
			8 cm	Approx. 20 minutes (single sided disc)
Audio CDs		Audio	12 cm	Approx. 74 minutes (single sided disc)
			8 cm	Approx. 20 minutes (single sided disc)

The following discs are also available.

- DVD-R/RW discs of DVD video format
  - CD-R/CD-RW discs of CD-DA, Video CD or JPEG format
  - Kodak picture CD and FUJICOLOR CD format
- Some of these discs may be incompatible.



- You cannot play discs other than those listed above.
- You cannot play discs of DVD-RAM, DVD-ROM, CD-ROM, Photo CD, etc., or non standardized discs even if they may be labeled as above.
- Some CD-R/RWs cannot be played back depending on the recording conditions.
- This unit uses the NTSC color system, and cannot play DVD video discs recorded in any other color system (PAL, SECAM, etc.).


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 television will successfully play every disc bearing the DVD and CD logos. If you happen to experience any difficulty playing a DVD and/or CD disc on the DVD player contained in this television, please contact Toshiba Customer Service.

 is a trademark of DVD Format/Logo Licensing Corporation.


## About this owner's manual

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

“” may appear on the TV screen during operation. A “” means that the operation is not permitted by the unit or the disc.

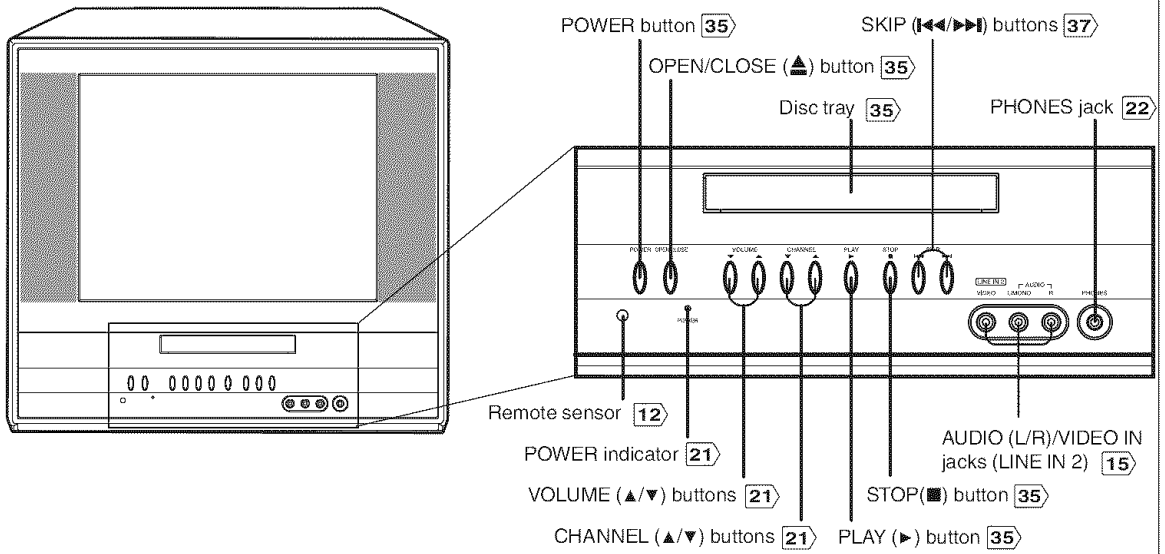
For example, sometimes it is unable to stop the playback of copyright message of the disc when the STOP (■) button is pressed. Alternatively, the “” may also indicate that the feature is not available for the disc.

# Identification of controls

See the page in  for details.

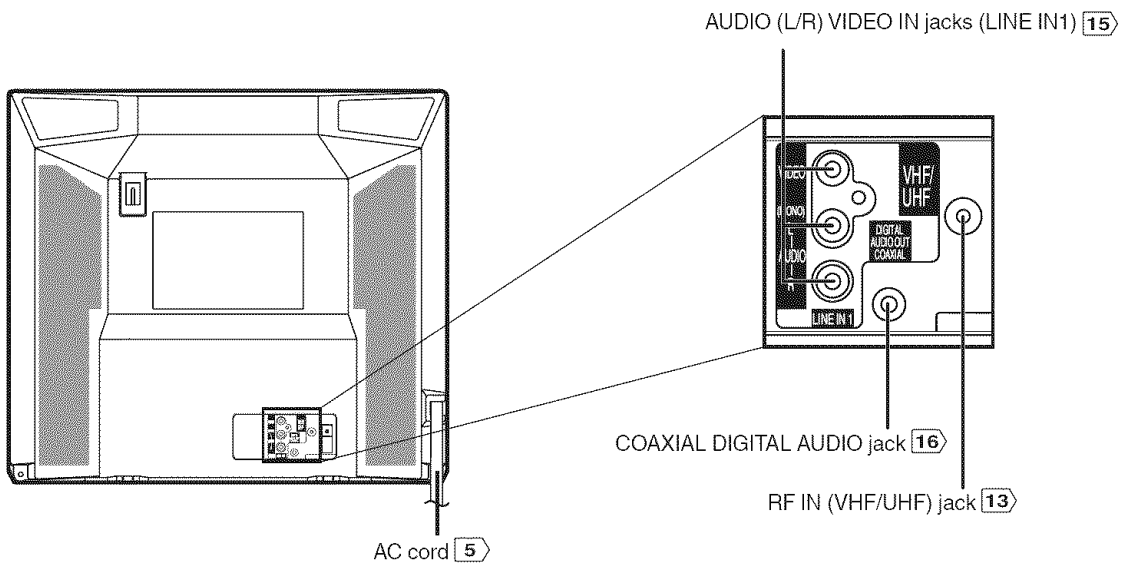
## Front panel

Illustration of MD14H63



## Rear panel

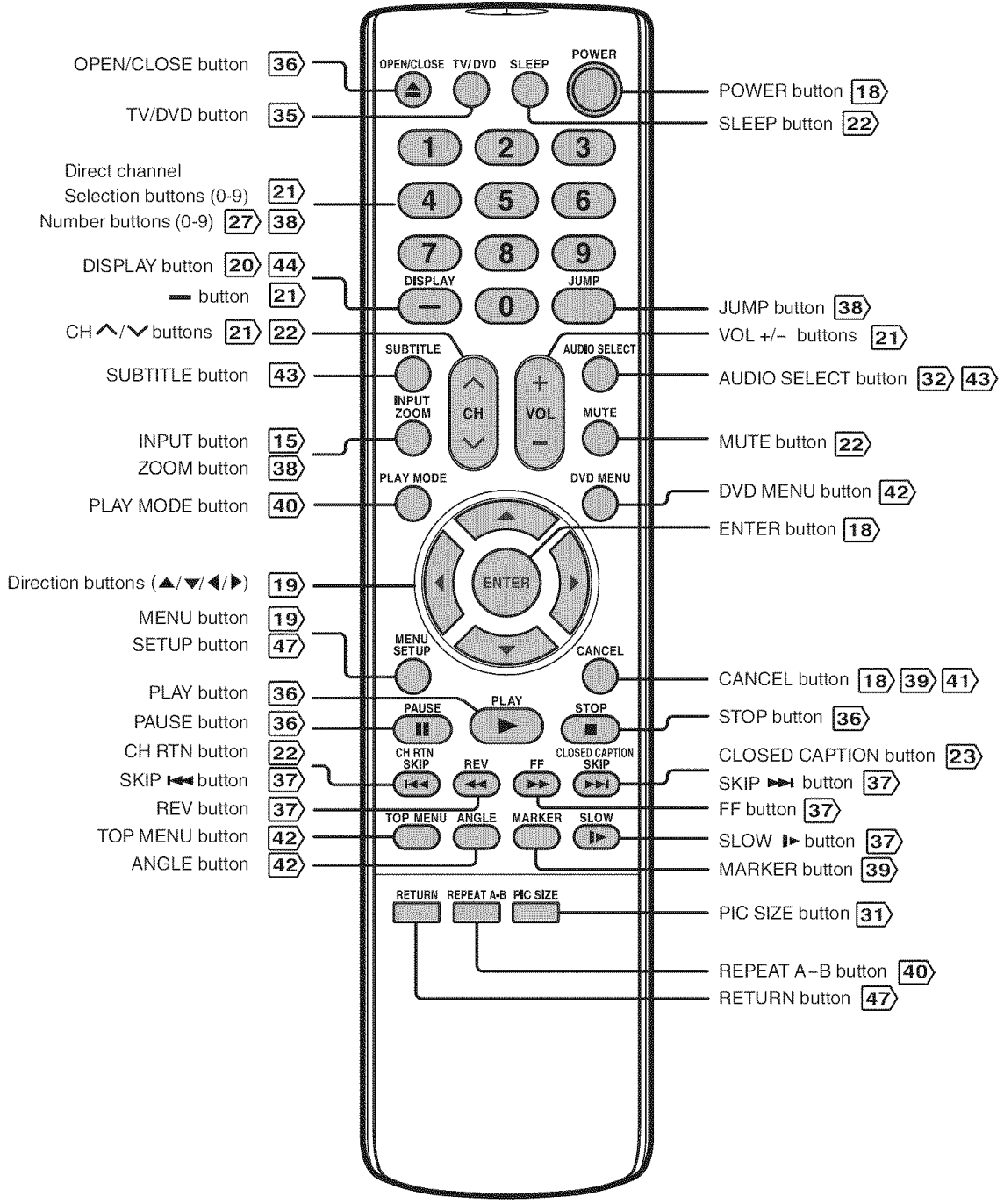
Illustration of MD14H63





## Remote control

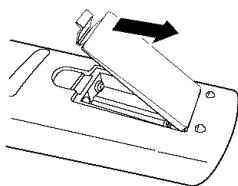
The instructions in this manual describe the function on the remote control. See the page in    for details.



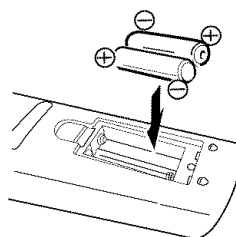
## Identification of controls (Continued)

### Inserting batteries

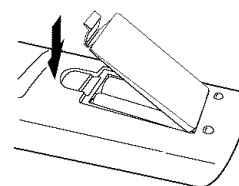
- 1** Open the battery compartment cover in the direction of the arrow.



- 2** Install two "R03/AAA" batteries (supplied), paying attention to the polarity diagram in the battery compartment.



- 3** Replace the compartment cover.



#### Caution:

Never throw batteries into a fire.

#### Notes:

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

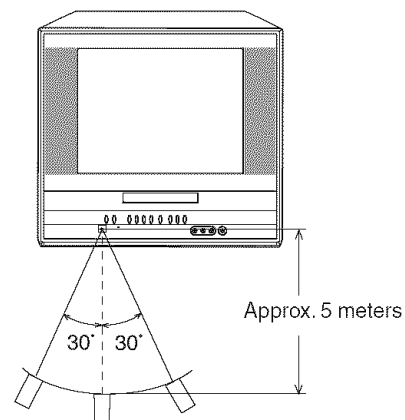
### Remote control basics

- Press **POWER** to turn the unit on or off.
- Select your desired operating mode (TV or DVD) using **TV/DVD**.
- Tap **CH**  $\wedge$  or  $\vee$  to move through the channels one channel at a time.
- The **Direction** buttons ( $\blacktriangle$ / $\blacktriangledown$ / $\blacktriangleleft$ / $\blacktriangleright$ ) are also used to navigate on-screen menu system.
- You can directly access specific channels using **Direct channel selection** buttons.

#### Operation:

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

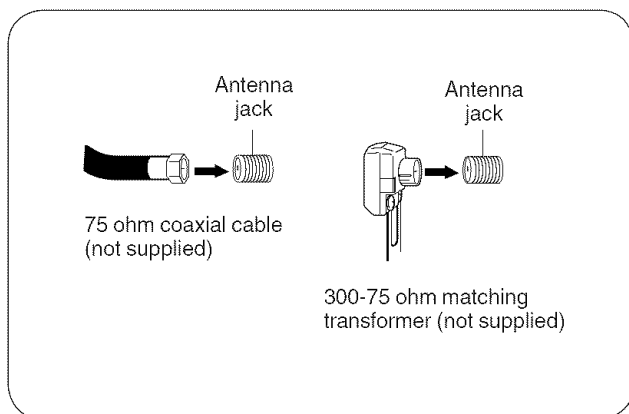
Illustration of MD14H63



## Antenna connections

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

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

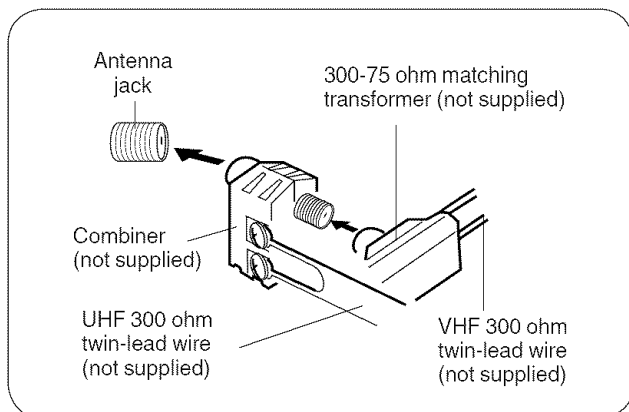


Connect the 75 ohm cable from the combination VHF/UHF antenna to the antenna jack.

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

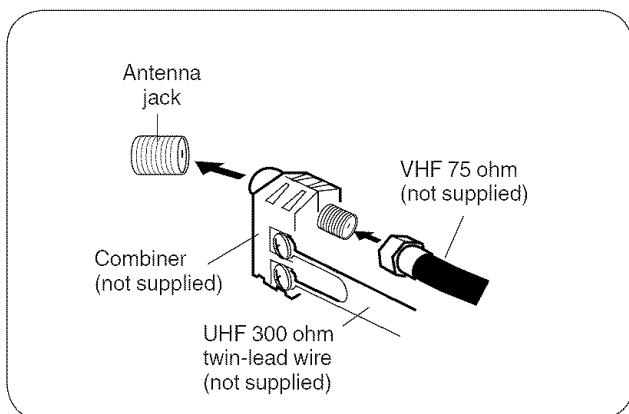
Connections

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



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

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

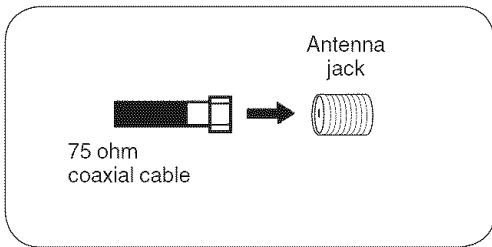


Connect the VHF 75 ohm cable and UHF 300 ohm twin-lead wire to the combiner (not supplied). Attach the combiner to the antenna jack.

## Cable TV connections

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

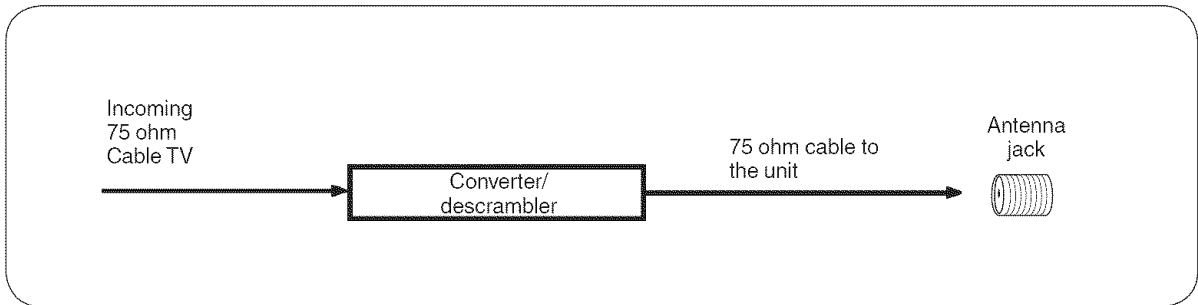
### For subscribers to basic cable TV service



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

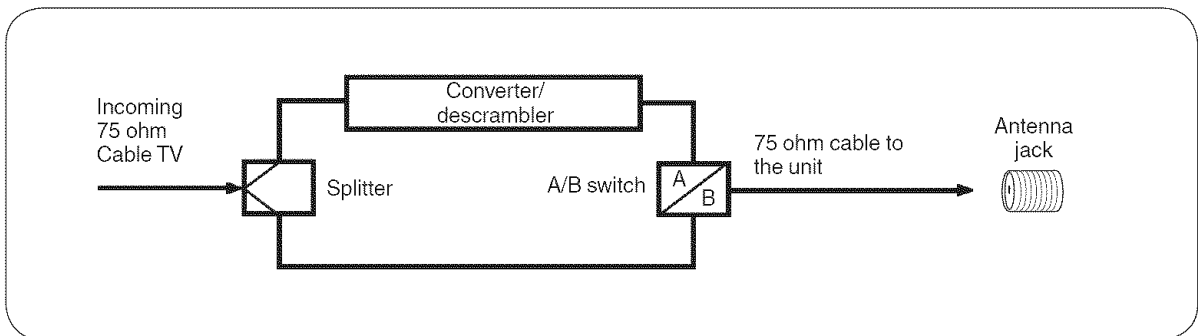
### For subscribers to scrambled cable TV service

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



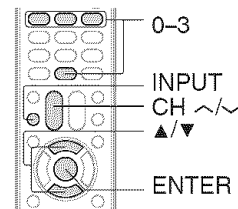
### For subscribers to unscrambled basic cable TV service with scrambled premium channels

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



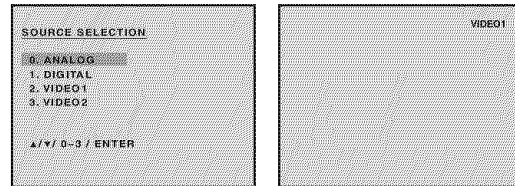
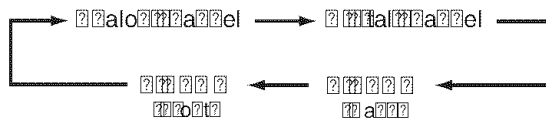
## Connecting to optional equipment

Before connecting the unit to other equipment, be sure to turn off the power and unplug all of the equipment from the wall outlet before making any connections. You can enjoy the camcorder or high quality dynamic sounds of DVD video discs or audio CDs by connecting the unit to optional audio equipment.



### Using the audio/video inputs

Press **INPUT**. Press **▲/▼** or **Number buttons (0-3)** to select the desired mode, then press **ENTER**. "VIDEO1", "VIDEO2", Analog channel or Digital channel will display on the screen for 4 seconds.

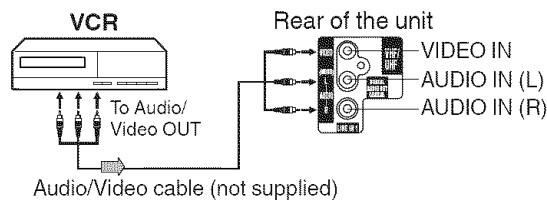


**Note:** This key will not operate in DVD mode.

### Connecting to a VCR

Operate your VCR as usual.

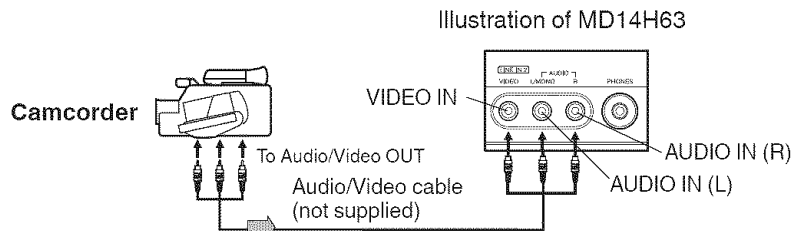
➡ : Signal flow



### Connecting to a camcorder

To playback from the camcorder, connect the camcorder to the unit as shown.

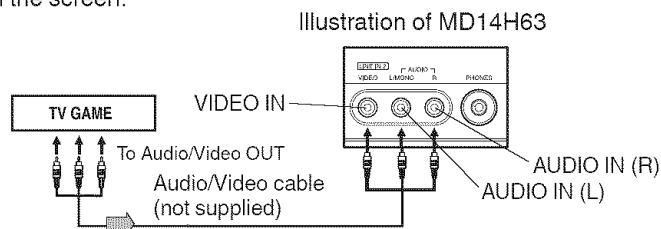
➡ : Signal flow



### Connecting to a TV Game

You can enjoy playing a TV game on the screen.

➡ : Signal flow



#### Notes:

- You can also change the TV screen to the external input by pressing the CH  $\wedge/\vee$  buttons.
- The unit can also be used as a display device for many video games. However, due to the wide variety of different types of signal generated by these devices and subsequent hook-up variations required, they have not all been included in the suggested connection diagrams. You'll need to consult each component's Owner's Manual for additional information.
- The unauthorized recording, use, distribution, or revision of television programs, videotapes, DVDs and other materials, is prohibited under the Copyright Laws of the United States and other countries, and may subject you to civil and/or criminal liability.

## Connecting to optional equipment (Continued)

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

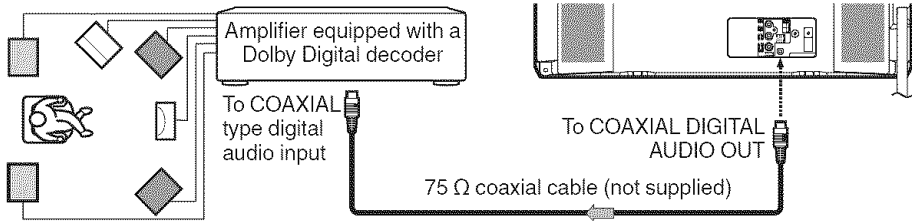
- This section uses the following reference mark.

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

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

#### Dolby Digital

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



- Use DVD video discs encoded via the Dolby Digital recording system.

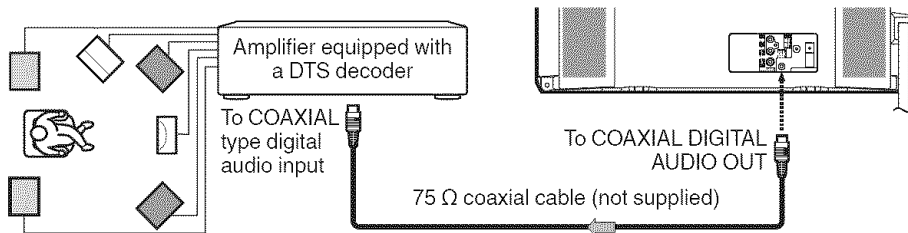
Manufactured under license from Dolby Laboratories. Dolby and the double-D symbol are trademarks of Dolby Laboratories.

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

#### Digital Theater Systems (DTS)

DTS is a high quality surround technology used in theaters and now available for home use, on DVD video discs or audio CDs.

If you have a DTS decoder or processor, you can obtain the full benefit of 5.1 channel DTS encoded sound tracks on DVD video discs or audio CDs.



- Use DVD video discs or audio CDs encoded via the DTS recording system.

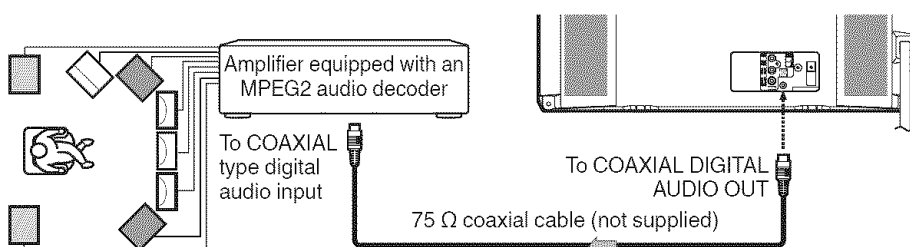
"DTS" and "DTS Digital Out" are registered trademarks of DTS, Inc.



## Connecting to an amplifier equipped with a MPEG audio decoder

### MPEG2 sound

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

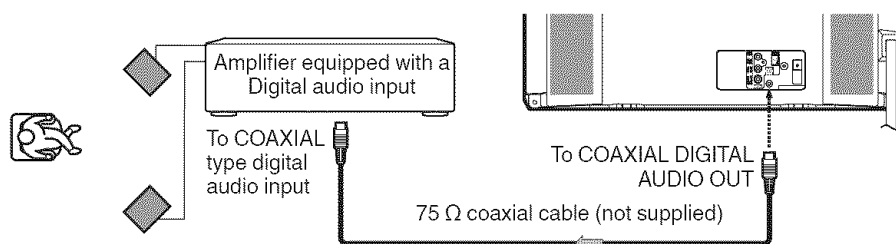


- Use DVD video discs encoded via the Dolby Digital recording system.

## 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).

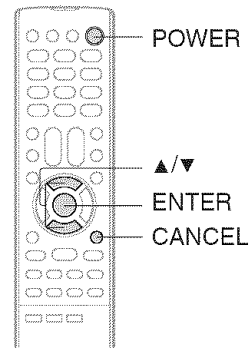


### Notes:

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

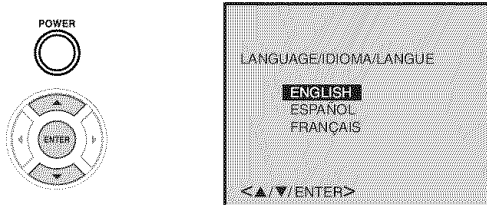
## Starting setup

The STARTING SETUP function help to install your unit easily. It leads you to the Language selection, TV/CABLE selection and auto channel memory automatically.  
**IMPORTANT: Make sure that the antenna or cable TV system connection is made!**

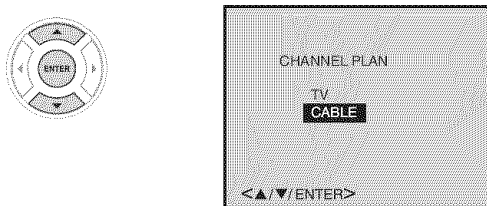


### Starting setup

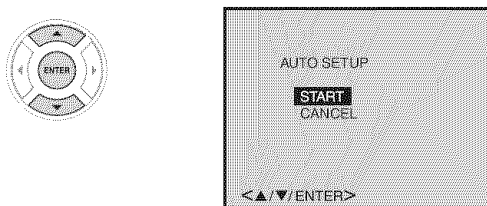
- 1** Press **POWER**.  
 The starting setup function begins and the Language setup menu appears on the screen. Press **▲** or **▼** to select your desired language, then press **ENTER**.



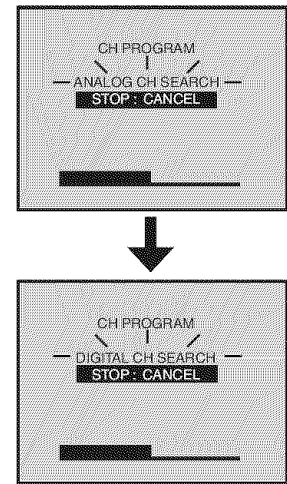
- 2** Press **▲** or **▼** to select "TV" or "CABLE", then press **ENTER**.



- 3** Press **▲** or **▼** to select "START", then press **ENTER**.  
 If you select "CANCEL" and press **ENTER**, the STARTING SETUP stops and changes to the TV screen.



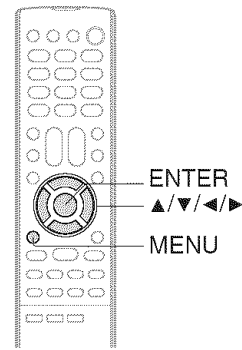
- 4** Now the "CH PROGRAM" starts.  
 After the starting setup is completed, the TV channel appears on the screen.



**Notes:**

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

# Clock setting



## Clock setting

**Example:** Setting the clock to "8:30 AM", 31th. (SAT) March, 2007.

**1** Press MENU, then press ◀ or ▶ to select option.

**2** Press ▲ or ▼ to select "CLOCK SET", then press ▶.

**3** Press ◀ or ▶ to set the month, then press ▼.

**4** Set the day, year and time as in step 3, then press ENTER.

**5** After setting the clock, date and time starts functioning automatically.

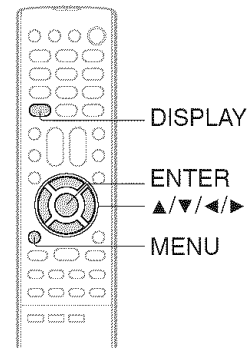
■ **To make corrections anytime during the process**  
Press ▲ or ▼ repeatedly until the item you want to change blinks, then set the item again.

- Notes:**
- If the unit does not operate properly, or No key operation (by the unit and/or the remote control): Static electricity, etc., may affect the player's operation. Disconnect the AC power cord once, then connect it again.
  - The TV section has its own menu and also DVD section has its own menu.
  - If no buttons are pressed for more than about 60 seconds, the TV menu screen will return to normal TV operation automatically.
  - After a power failure or disconnection of the power, the clock settings will be lost. In this case, reset the present time.
  - When you set the minute, you can change in 10-minutes step by holding down ◀ or ▶.



Basic setup

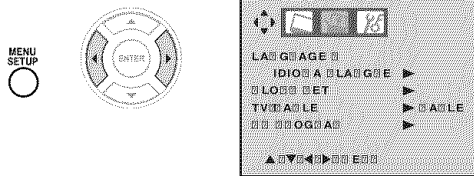
# Setting the language/ TV operation status



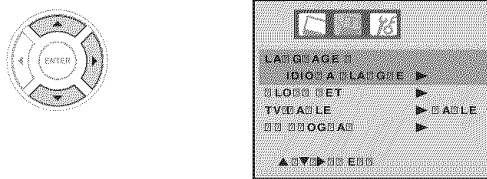
## Setting the language

This unit can display the on screen language in English, Spanish or French.

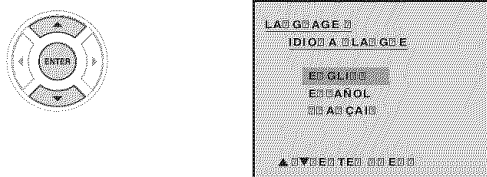
**1** Press **MENU**, then press **◀** or **▶** to select option.



**2** Press **▲** or **▼** to select "LANGUAGE/IDIOMA/LANGUE", then press **▶**.



**3** Press **▲** or **▼** to select the desired language: English (ENGLISH), Spanish (ESPAÑOL) or French (FRANÇAIS), then press **ENTER**.



**4** Press **MENU** repeatedly until the menu screen is cleared.

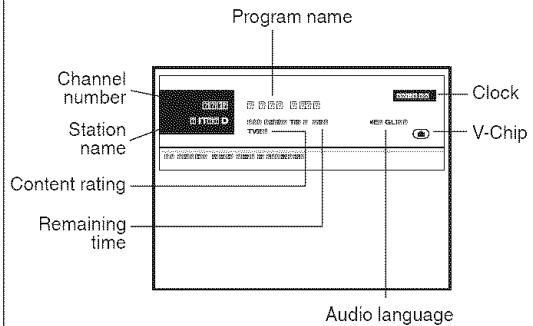


## TV operation status

### While watching TV

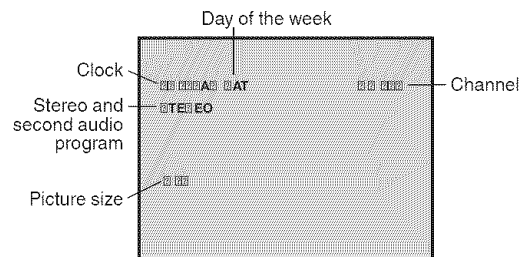
Press **DISPLAY** to display the information on the screen.

When the TV receives a digital signal, press once, the digital information will appear.

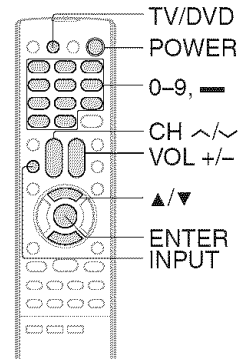


Press **DISPLAY** again, the analog information will appear.

To cancel the display, press **DISPLAY** again.



# TV operation



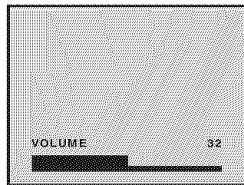
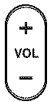
## TV operation

- 1 To turn on the unit, press POWER.**  
The power indicator will light.
- Every time you turn on the TV, the unit starts from TV mode. When you use TV after DVD operation, press TV/DVD.



Illustration of MD14H63

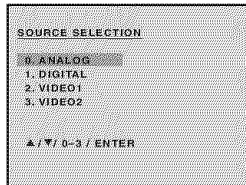
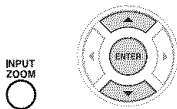
- 2 Adjust the volume level by pressing VOL +/-.**  
The volume level will be indicated on the screen by green bars. As the volume level increases, so do the number of bars. If the volume decreases, the number of green bars also decreases.



- 3 Set the TV/CABLE selection to the appropriate position [25].**

TV - VHF/UHF channels  
CABLE - Cable TV channels

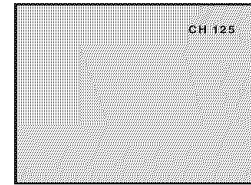
- 4 Press INPUT. Then press ^/v or Number buttons (0 or 1) to select the desired mode (0: ANALOG MODE, 1: DIGITAL MODE), then press ENTER.**



- 5 Press CH ^/v or Direct channel selection buttons (0-9) and — button to select the channel.**

**To change to a specific channel (programmed or unprogrammed):**

Press Direct channel selection buttons (0-9) on the remote control. For example, to select channel 125, press 1, 2, 5.



**To change to a specific digital channel:**

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

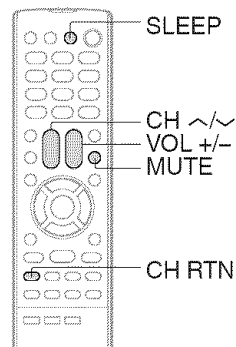
TV	Cable TV
VHF 2-13	VHF 2-13
UHF 14-69	STD/HRC/IRC 14-36 (A) (W) 37-59 (AA) (WW) 60-85 (AAA) (ZZZ) 86-94 (86) (94) 95-99 (A-5) (A-1) 100-125 (100) (125) 01 (5A)

**Notes:**

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

TV operation

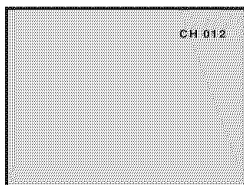
# TV operation (Continued)



## TV operation

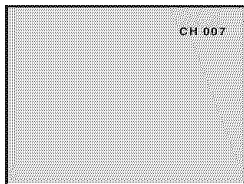
### ■ CHANNEL UP/DOWN

Press and release **CH ^ / v**. The channel automatically stops at the next channel set into memory. For proper operation, before selecting channels, they should be set into the memory. See page 25 "To memorize channels".



### ■ CHANNEL RETURN

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

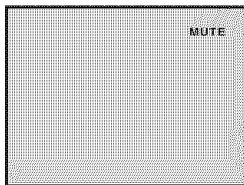


#### Note:

The CHANNEL RETURN feature is invalid between other input sources.

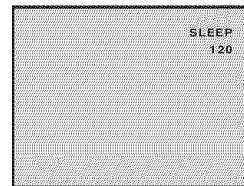
### ■ MUTE

Press **MUTE** to switch off the sound. The unit's sound will be silenced and "MUTE" will appear briefly on the screen. The sound can be switched back on by pressing this button again or **VOL +/-**.



### ■ SLEEP

To set the unit to turn off after a preset amount of time, press **SLEEP** on the remote control. The clock will count down 10 minutes for each press of **SLEEP** (120, 110, ... 10, 0). After the sleep time is programmed, the display will appear briefly every ten minutes to remind you that the sleep timer is operating. To confirm the sleep timer setting, press **SLEEP** and the remaining time will be displayed for a few seconds. To cancel the sleep timer, press **SLEEP** repeatedly until the display turns to 0.



### ■ HEADPHONES

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

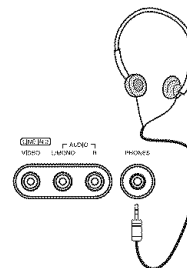
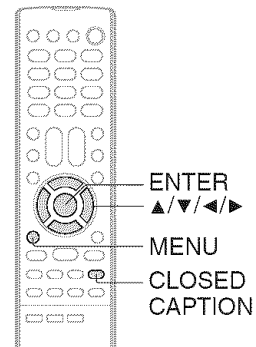


Illustration of MD14H63



# Closed captions



## Closed captions

### WHAT IS CLOSED CAPTIONING?

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

The Closed Caption feature has two options:

- **Captions**—An on-screen display of the dialog, narration, and sound effects of programs and videos that are closed-captioned (usually identified as "CC".)
- **Text**—An on-screen display of information not related to the program, such as weather or stock data (if available in your viewing area.)

### Notes:

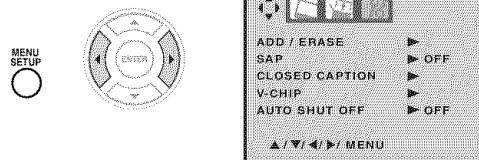
- When selecting closed captions, the captioning will be delayed approximately 10 seconds.
- If no caption signal is received, no captions will appear, but the television will remain in the caption mode.
- Misspellings or unusual characters may occasionally appear during closed captioning. This is normal with closed captioning, especially with live programs. This is because during live programs, captions are also entered live. These transmissions do not allow time for editing.
- When captions are being displayed, on-screen displays, such as volume and mute may not be seen or may interfere with closed captions.
- Some cable systems and copy protection systems may interfere with the closed captioned signal.
- A closed caption signal may not be decoded in the following situations:
  - when a video tape has been dubbed
  - when the signal reception is weak
  - when the signal reception is non-standard

### NOTICE OF POSSIBLE ADVERSE EFFECTS ON TV PICTURE DISPLAY

Avoid displaying stationary images on your TV screen for extended periods of time. Fixed (non-moving) patterns or images (including but not limited to PIP/POP windows, closed captions, video game patterns, TV station logos, stock tickers, websites, and special formats that do not use the entire screen) can become permanently ingrained in the cathode ray tube(s) of the TV and cause subtle but permanent ghost images. **This type of damage is NOT COVERED BY YOUR WARRANTY.** See item 34 on page 4.

## To view closed captions (analog mode)

- 1 Tune the unit to the desired channel in the analog mode. Press **MENU**, then press **◀** or **▶** to select **PA** option.

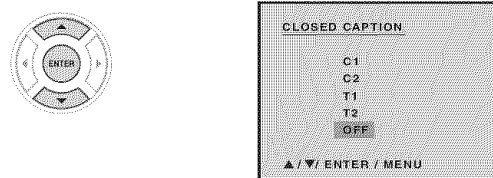


- 2 Press **▲** or **▼** to select "CLOSED CAPTION", then press **▶**.



- 3 Press **▲** or **▼** to select the desired Closed Caption mode, then press **ENTER**.

- To view captions, select C1 or C2 (C1 displays translation of the primary language in your area.)  
**Note:** If the program or video you selected is not closed captioned, no captions will display on-screen.
- To view text, select T1 or T2.  
**Note:** If text is not available in your viewing area, a black rectangle may appear on-screen. If this happens, set the Closed Caption feature to OFF.
- To turn the Closed Caption feature off, select OFF in the Closed Caption menu.



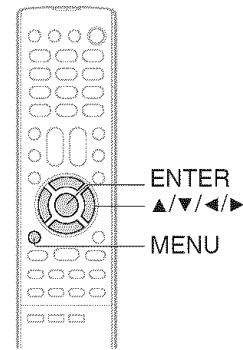
- 4 Press **MENU** repeatedly until the menu screen is cleared.



**Note:** You also can display the CLOSED CAPTION menu screen by pressing **CLOSED CAPTION** on the remote control.

TV operation

# Closed captions (Continued)



## To view closed captions (digital mode)

- 1** Tune the unit to the desired channel in the digital mode. Press MENU, then press ◀ or ▶ to select option.
- 2** Press ▲ or ▼ to select "DIGITAL SETUP", then press ▶.
- 3** Press ▲ or ▼ to select "CLOSED CAPTION", then press ▶.
- 4** Press ▲ or ▼ to select "ANALOG CAPTION" or "DIGITAL CAPTION", then press ▶.
- 5** Press ◀ or ▶ to select the desired Closed Caption mode, then press ENTER.
- 6** Press MENU repeatedly until the menu screen is cleared.

## CC Advanced feature (digital mode)

- 1** Follow steps 1-2 on the left.
- 2** Press ▲ or ▼ to select "CC ADVANCED", then press ▶.
- 3** Press ▲ or ▼ to select the desired item to adjust, then press ▶.
- 4** Press ▲ or ▼ to select the desired setting, then press ENTER.

You can select from among the following items and parameters.

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

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

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

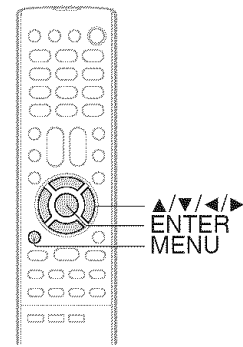
**TEXT COLOR:** AUTO, BLACK, WHITE, RED, GREEN, BLUE, YELLOW, MAGENTA, CYAN

**BACKGROUND COLOR:** AUTO, BLACK, WHITE, RED, GREEN, BLUE, YELLOW, MAGENTA, CYAN
- 5** Press MENU repeatedly until the menu screen is cleared.

**Note:**  
It is impossible to select the same color with TEXT COLOR and BACKGROUND COLOR.



# To memorize channels (Continued)



## To ADD/ERASE channels (analog mode)

After you have programmed the channels automatically, you can add or erase specific channels manually.

- 1** Press MENU in the analog mode, then press **◀** or **▶** to select option.
- 2** Press **▲** or **▼** to select "ADD/ERASE", then press **▶**.
- 3** Select the desired channel to be memorized or deleted using **▲** or **▼**. Then press **◀** or **▶** to select either ADD or ERASE.
- 4** Repeat step 3 for other channels you want to add or erase, then press ENTER.
- 5** Press MENU repeatedly until the menu screen is cleared.

## To ADD/ERASE channels (digital mode)

After you have programmed the channels automatically, you can add or erase specific channels manually.

- 1** Press MENU in the digital mode, then press **◀** or **▶** to select option.
- 2** Press **▲** or **▼** to select "DIGITAL SETUP", then press **▶**.
- 3** Press **▲** or **▼** to select "ADD/ERASE", then press **▶**.
- 4** Press **▲** or **▼** to select "ADD/ERASE", then press **▶**. Select the desired channel to be memorized or deleted using **▲**/**▼**. Then press **◀**/**▶** to select either ADD or ERASE.
- 5** Repeat step 4 for other channels you want to add or erase.
- 6** Press MENU repeatedly until the menu screen is cleared.

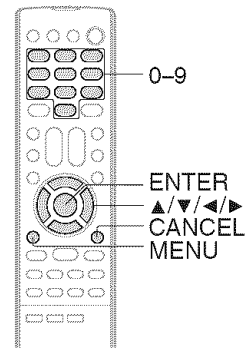
**To add a digital channel you are watching:**  
 Select a channel you want to add. Then select "ADDING CHANNEL" in step 4, then press **▶**.

# Setting the V-Chip

An age limitation can be set to forbid children to watch programs according to "TV RATING" and "MOVIE RATING" level set. To use the V-Chip function, you must register a password.

**Notes:**

- If you forget the password, you cannot set the V-Chip.
- To avoid forgetting the password, write it down and keep in the safe place.



## To register password

**1** Press MENU, then press ◀ or ▶ to select option.

(Analog mode)

ADD / ERASE ▶ OFF

SAP ▶ OFF

CLOSED CAPTION ▶ OFF

V-CHIP ▶ OFF

AUTO SHUT OFF ▶ OFF

(Digital mode)

V-CHIP ▶ OFF

DIGITAL SETUP ▶ OFF

AUTO SHUT OFF ▶ OFF

**2** Press ▲ or ▼ to select "V-CHIP", then press ▶.

(Analog mode)

ADD / ERASE ▶ OFF

SAP ▶ OFF

CLOSED CAPTION ▶ OFF

V-CHIP ▶ OFF

AUTO SHUT OFF ▶ OFF

(Digital mode)

V-CHIP ▶ OFF

DIGITAL SETUP ▶ OFF

AUTO SHUT OFF ▶ OFF

**3** Enter the password (4 digits) using Number buttons (0-9), then press ENTER.

1 2 3

4 5 6

7 8 9

0

• If you input a wrong number, press CANCEL.

V-CHIP SET

NEW PASSWORD : \*\*\*\*

0-9 / ENTER / CANCEL / MENU

"\*" appears instead of the number.

**4** Enter the same password again using Number buttons (0-9) for safety, then press ENTER.

1 2 3

4 5 6

7 8 9

0

• Now the password is registered and V-Chip setting menu will appear on the display.

V-CHIP SET

CONFIRM PASSWORD : \*\*\*\*

0-9 / ENTER / CANCEL / MENU

## To change password

**1** In the V-CHIP menu, press ▲ or ▼ to select "CHANGE PASSWORD", then press ▶.

(Analog mode)

V-CHIP

V-CHIP ▶ OFF

V-CHIP SET ▶ OFF

CHANGE PASSWORD ▶

(Digital mode)

V-CHIP

V-CHIP ▶ OFF

V-CHIP SET ▶ OFF

V-CHIP SET (DTV) ▶ OFF

CHANGE PASSWORD ▶

**2** Enter the new password using Number buttons (0-9), then press ENTER.

1 2 3

4 5 6

7 8 9

0

CHANGE PASSWORD

NEW PASSWORD : - - - -

0-9 / ENTER / CANCEL / MENU

**3** Enter the same password again using Number buttons (0-9) for safety, then press ENTER.

1 2 3

4 5 6

7 8 9

0

CHANGE PASSWORD

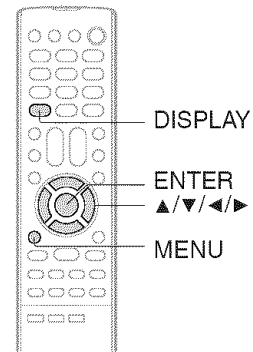
CONFIRM PASSWORD : - - - -

0-9 / ENTER / CANCEL / MENU

**4** Press MENU repeatedly until the menu screen is cleared.

TV operation

# Setting the V-Chip (Continued)



## To set the V-Chip

**1** In the V-CHIP menu, press ▲ or ▼ to select "V-CHIP SET", then press ►.

V-CHIP

V-CHIP ► OFF

V-CHIP SET ►

CHANGE PASSWORD ►

(Analog mode)

V-CHIP

V-CHIP ► OFF

V-CHIP SET ►

V-CHIP SET (DTV) ►

CHANGE PASSWORD ►

(Digital mode)

**4** Press ▲ or ▼ to select desired rating, then press ◀ or ▶ to select ON or OFF. Press MENU twice.

RATING SET

G ► OFF

PG ► OFF

PG-13 ► OFF

R ► OFF

NC-17 ► OFF

X ► OFF

▲/▼/▶/◀/ENTER/MENU

**G** : All ages  
**PG** : Parental guidance  
**PG-13** : Parental guidance less than 13 years old  
**R** : Under 17 years old  
       Parental guidance suggested  
**NC-17** : 17 years old and above  
**X** : Adult only

**2** Press ▲ or ▼ to select "TV RATING", then press ◀ or ▶ to display the desired setting.

**OFF** : TV RATING is not set  
**TV-Y** : All children  
**TV-Y7** : 7 years old and above  
**TV-G** : General audience  
**TV-PG** : Parental guidance  
**TV-14** : 14 years old and above  
**TV-MA** : 17 years old and above

V-CHIP SET

TV RATING ► TV-Y7

MOVIE RATING ►

— DISPLAY TO SET CONTENTS —

▲/▼/▶/◀/ENTER/MENU

When you select TV-Y7, TV-PG, TV-14 or TV-MA, press **DISPLAY** to show the contained rating. Press ▲/▼/▶/◀ to select the desired item you want.

**5** Press ▲ or ▼ to select "V-CHIP".

V-CHIP

V-CHIP ► OFF

V-CHIP SET ►

CHANGE PASSWORD ►

(Analog mode)

V-CHIP

V-CHIP ► OFF

V-CHIP SET ►

V-CHIP SET (DTV) ►

CHANGE PASSWORD ►

(Digital mode)

**6** Press ◀ or ▶ to display "ON". Now your settings are set into the memory.

V-CHIP

V-CHIP ► ON

V-CHIP SET ►

CHANGE PASSWORD ►

(Analog mode)

V-CHIP

V-CHIP ► ON

V-CHIP SET ►

V-CHIP SET (DTV) ►

CHANGE PASSWORD ►

(Digital mode)

**3** Press ▲ or ▼ to select "MOVIE RATING", then press ►.

V-CHIP SET

TV RATING ► TV-Y7

MOVIE RATING ►

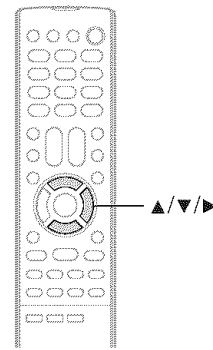
▲/▼/▶/◀/ENTER/MENU

**7** Press MENU repeatedly until the menu screen is cleared.

**To use after the TV is protected**  
 When the program applied to the V-Chip setting is received, enter the password, then press **ENTER**. Protection can be canceled.  
**Note:**  
 The V-Chip function is activated only on programs that have the rating signal.

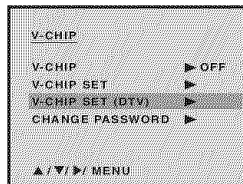
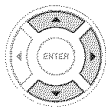


As a supplement to the standard V-Chip rating system, your Toshiba Television will be able to download an additional rating system, if such a system becomes available in the future.

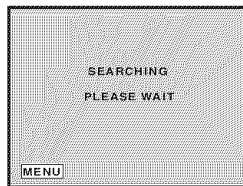


## To download the additional V-Chip rating system (when available)

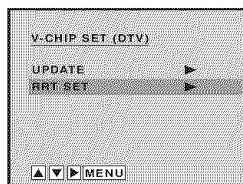
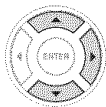
- 1** In the V-CHIP menu, press ▲ or ▼ to select “V-CHIP SET (DTV)”, then press ▶.  
(You cannot select this feature if the TV is not receiving a digital signal for the current station.)



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



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



### PLEASE NOTE THE FOLLOWING:

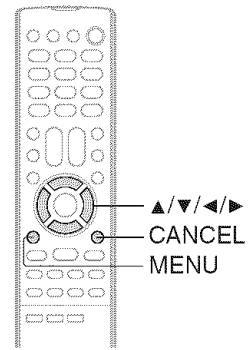
- You can only download the additional V-Chip rating system when your TV is receiving a digital signal.
- When you download the additional rating system, it may take some time for the download to occur.
- The V-Chip rating information and system are not determined or controlled by the TV or Toshiba.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

The downloadable V-Chip rating system is an evolving technology, and availability, content, and format may vary.

TV operation

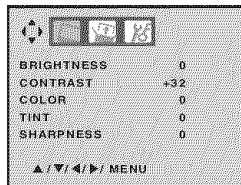
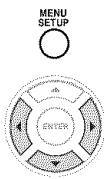
## Picture control adjustment

Picture controls are factory preset but you can adjust them individually as follows:

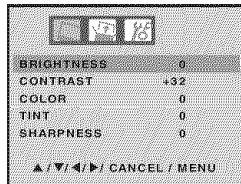
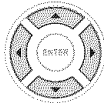


### Picture control adjustment

- 1** Press MENU, then press ◀ or ▶ to select option, then press ▼.



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



Selection	◀ Pressing ▶	
BRIGHTNESS	darker	lighter
CONTRAST	lower	higher
COLOR	paler	deeper
TINT	reddish	greenish
SHARPNESS	softer	sharper

**Note:**

The CONTRAST default setting is set to maximum (+32) at the factory.

- 3** Press MENU repeatedly until the menu screen is cleared.

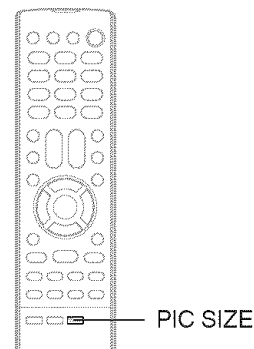


- To return all adjustments to the factory preset levels  
Press CANCEL while making picture adjustments.

## Viewing the wide-screen picture formats

You can view 480i format programs in a variety of picture sizes—4:3, 16:9, ZOOM.

The way the image displays in any of the picture sizes will vary depending on the format of the program you are viewing. Select the picture size that displays the current program the way that looks best to you.



### Viewing the wide-screen picture formats

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



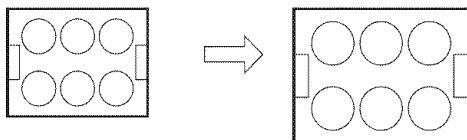
#### Available picture sizes for the various input sources

O: available / X: not available

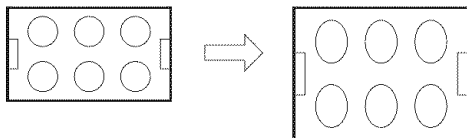
Input source	Picture size		
	4:3	16:9	ZOOM
4:3 format program (analog) or External input	O	O	X
4:3 format program (digital)	O	X	X
16:9 (Squeeze) format program (digital)	O	O	O

#### 4:3 picture size

- If receiving a 4:3 format (analog or digital) program, select 4:3 PIC SIZE will typically display the image in its original formatted proportion.

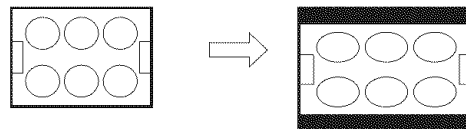


- If receiving a 16:9 format (digital) program, select 4:3 PIC SIZE will typically display the image stretched taller (squeezed.)

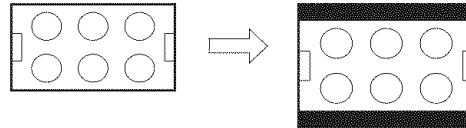


#### 16:9 picture size

- If receiving a 4:3 format digital program, the 16:9 PIC SIZE is not available.
- If receiving a 4:3 format analog program, select 16:9 PIC SIZE will typically display the image stretched wider with bars at the top and bottom.

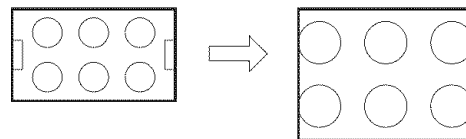


- If receiving a 16:9 format (digital) program, select 16:9 PIC SIZE will typically display the image in its original formatted proportion with bars at the top and bottom.



#### ZOOM picture size (for 16:9 format programs)

- If receiving a 4:3 format (analog or digital) program, the ZOOM PIC SIZE is not available.
- If receiving a 16:9 format (digital) program, select ZOOM PIC SIZE will typically enlarge the image, retaining the original formatted proportion, but with the sides edges hidden.

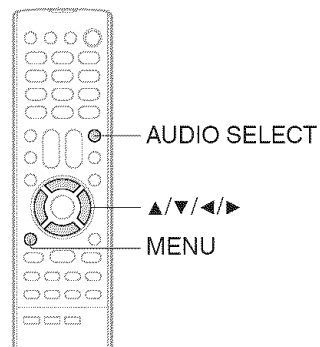


TV operation

## Stereo and Second Audio Program (SAP)

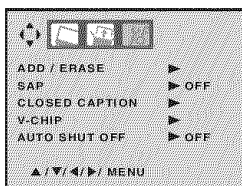
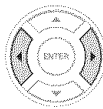
The unit is equipped with a feature known as multi-channel TV sound or MTS. MTS broadcasts greatly enhance TV viewing by bringing you programs with high fidelity stereo sound.

MTS also provides an extra channel called the Second Audio Program or SAP which broadcasters can use to transmit a second language for bilingual transmission or for other purposes.

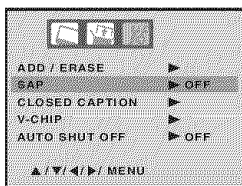
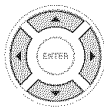


### Setting the SAP (analog mode)

**1** Press MENU in the analog mode, then press ◀ or ▶ to select **YS** option.



**2** Press ▲ or ▼ to select "SAP", then press ◀ or ▶ to select ON or OFF.

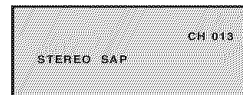


**3** Press MENU repeatedly until the menu screen is cleared.



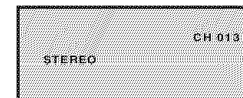
### Listening to SAP (Second Audio Program)

When the TV is turned on or a channel selection is made, "SAP" will appear on the screen. This means that the Second Audio Program broadcasting is available.



### To select desired sound

Press AUDIO SELECT to select the desired sound.



Broadcast	SAP setting	Audio display
MONO	OFF	MONO
	ON	MONO
STEREO	OFF	STEREO→MONO
	ON	STEREO→MONO
MONO+SAP	OFF	MONO
	ON	SAP
STEREO+SAP	OFF	STEREO→MONO
	ON	SAP

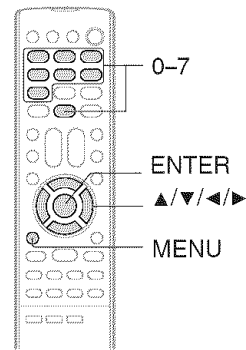
### Listening to stereo sound

When the TV is turned on or a channel selection is made, the "STEREO" will appear on the screen. This means that Stereo broadcasting is available. You can enjoy stereo sound from the left and right speakers.

- When mono broadcasting is received, no indication is displayed.
- If the broadcast signal is not strong enough or clear stereo sound is not available, press **AUDIO SELECT** to change to mono sound. The noise should be eliminated. Press it again to return to the stereo sound.



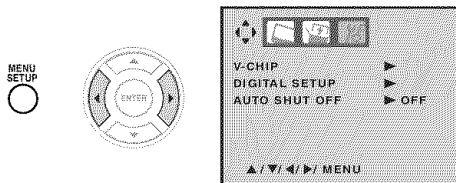
# Setting the digital setup (digital mode)



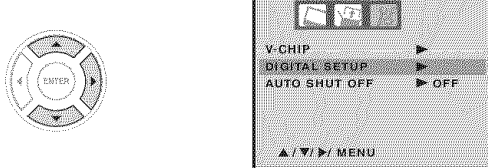
## Selecting the audio language

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

**1** Press MENU in the digital mode, then press ◀ or ▶ to select **YS** option.



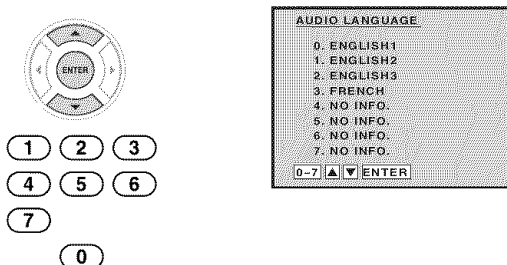
**2** Press ▲ or ▼ to select "DIGITAL SETUP", then press ▶.



**3** Press ▲ or ▼ to select "AUDIO LANGUAGE", then press ▶.



**4** Press ▲/▼ or Number buttons (0-7) to select desired language, then press ENTER.



**5** Press MENU repeatedly until the menu screen is cleared.

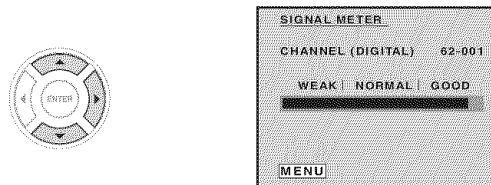


## Checking the digital signal strength

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

**1** Follow steps 1-2 on the left.

**2** Press ▲ or ▼ to select "SIGNAL METER", then press ▶ to check the digital signal strength.



**3** Press MENU repeatedly until the menu screen is cleared.

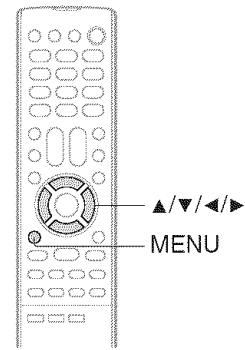


### Notes:

- Signal meter feature is not available for analog channels.
- When you select a vacant channel, the signal meter may react.

TV operation

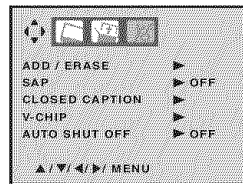
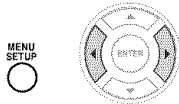
## Using the auto shut off feature



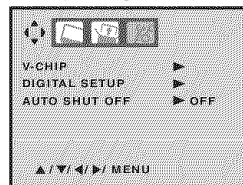
### To use the auto shut off feature

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

- 1** Press MENU, then press ◀ or ▶ to select option.

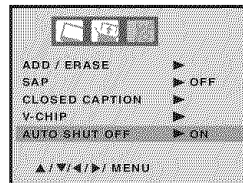
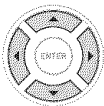


(Analog mode)

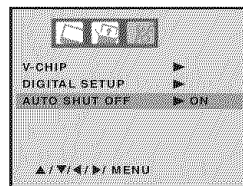


(Digital mode)

- 2** Press ▲ or ▼ to select "AUTO SHUT OFF", then press ◀ or ▶ to select "ON" or "OFF".



(Analog mode)



(Digital mode)

- 3** Press MENU repeatedly until the menu screen is cleared.



# Playing a disc

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

**CAUTION**

Keep your fingers well clear of the disc tray as it is closing. Neglecting to do so may cause serious personal injury.

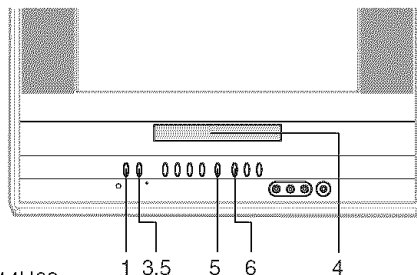


Illustration of MD14H63



## Basic playback

**Preparations:**

- Insert the AC cord plug into a standard 120V 60Hz polarized AC outlet. If the AC cord plug is plugged in for the first time, you need to set "Starting setup" [18].
- When connecting to other equipment, turn power off.

**1 Press POWER on the unit or on the remote control to turn on the unit.**  
 The Power indicator will light.

- Every time you press **POWER**, the unit starts from TV mode.
- When using an amplifier, switch on the amplifier.

Illustration of MD14H63

**2 Press TV/DVD to select DVD mode.**  
 The DVD startup screen will appear on the screen. "Reading" display will change to "No Disc". (If DVD disc has already loaded, playback will start automatically.)

**3 Press OPEN/CLOSE.**  
 The disc tray opens.

**4 Place a disc on the disc tray.**  
 With the playback side facing down.

- There are two different disc sizes. Place the disc in the correct guide on the disc tray. If the disc is out of the guide, it may damage the disc and cause the unit to malfunction.
- Do not place a disc which is unplayable on the disc tray.

**5 Press OPEN/CLOSE or PLAY.**  
 The disc tray closes automatically. On the TV-screen, "▲" changes to "Reading" and then playback commences.

- A menu screen will appear on the TV screen, if the disc has a menu feature. Press ▲/▼ or ◀/▶ to select title, then press **ENTER**. Title is selected and play commences.

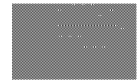
**6 Press STOP to end playback.**

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

■ **To start playback in the stop mode**  
 Press **PLAY**.



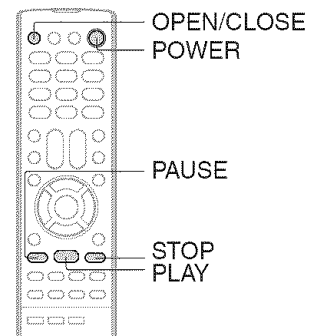
**Note:**  
**If the unit does not operate properly:**  
 Static electricity, etc., may affect the player's operation. Disconnect the AC power cord, then connect it again.



Basic playback



## Playing a disc (Continued)



DVD



VCD



CD

### Basic playback

#### ■ To pause playback (still mode)

Press **PAUSE** during playback.



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



- The sound is muted during still mode.

#### ■ To stop playback

Press **STOP**.

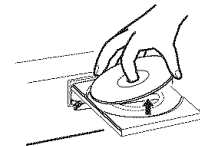


#### ■ To remove the disc

Press **OPEN/CLOSE**.



Remove the disc after the disc tray opens completely.



Be sure to press **OPEN/CLOSE** to close the disc tray after you remove the disc.

#### Notes:

- If a non-compatible disc is loaded, "Incorrect Disc", "Region Code Error" or "Parental Error" will appear on the TV screen according to the type of loaded disc. In this case, check your disc again .
- Some discs may take a minute or so to start playback.
- When you set a single-faced disc label downwards (i.e. the wrong way up) and press **OPEN/CLOSE** or **PLAY** on the unit, "Reading" will appear on the display for a few minutes and then "Incorrect Disc" will continue to be displayed.
- Some discs may not work the resuming facility.
- Resuming cannot function when you play a PBC-featured Video CD while the PBC is on. To turn off the PBC, see page .
- Some playback operations of DVDs may be intentionally fixed by software producers. Since this unit plays DVDs according to the disc contents the software producers designed, some playback features may not be available. Also refer to the instructions supplied with the DVDs.
- Do not move the unit during playback. Doing so may damage the disc.
- Use **OPEN/CLOSE** to open and close the disc tray. Do not push the disc tray while it is moving. Doing so may cause the unit to malfunction.
- Do not push up on the disc tray or put any objects other than discs on the disc tray. Doing so may cause the unit to malfunction.
- In many instances, a menu screen will appear after playback of a movie is completed. Prolonged display of an on-screen menu may damage your television set, permanently etching that image onto its screen. To avoid this, be sure to press **POWER** on your remote control once the movie is completed.
- There may be a slight delay between you pressing the button and the function activating.

#### ■ To obtain a higher quality picture

Occasionally, some picture noise not usually visible on the TV screen during a normal broadcast may appear while playing a DVD video disc. It is because due to high resolution pictures on these discs which include a lot of information. The amount of noise depends on the disc you use with this unit. You should generally reduce the sharpness adjustment on your TV when viewing DVD video discs.

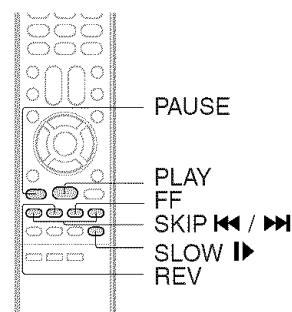
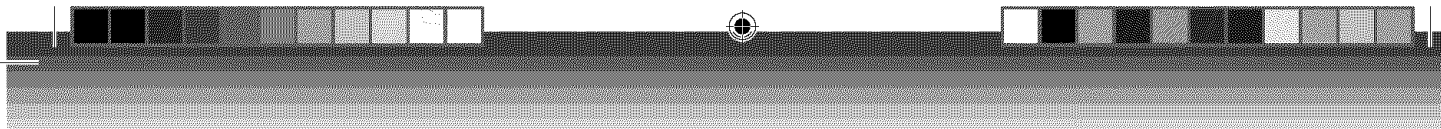
#### ■ About

The icons on the heading bar show the playable discs for the function described under that heading.

: You can use this function with DVD video discs.

: You can use this function with Video CDs.

: You can use this function with Audio CDs and CD-R/RW CDs.



**DVD VCD CD** **Playing in fast reverse or fast forward directions**

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



**REV:** Fast reverse playback  
**FF:** Fast forward playback

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

■ **To resume normal playback**  
 Press **PLAY**.



**Notes:**

- The unit mutes sound during reverse and forward scan of DVD/VCD video discs.
- The playback speed may differ depending on the disc.

**DVD VCD** **Playing frame by frame**

Press **PAUSE** during still playback.



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

■ **To resume normal playback**  
 Press **PLAY**.



**Note:**

The sound is muted during frame by frame playback.

**DVD VCD** **Playing in slow-motion**

Press **SLOW** during playback.



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

■ **To resume normal playback**  
 Press **PLAY**.



**Note:**

The sound is muted during frame by frame playback.

**DVD VCD CD** **Locating a chapter or track**

Press **SKIP** repeatedly to display the chapter or track number you want. Playback starts from the selected chapter or track.



To locate succeeding chapters or tracks.



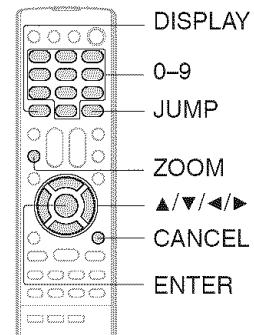
Playback starts from the beginning of the current chapter or track. When you press twice in quick successions, playback starts from the beginning of the preceding chapter or track.

**Notes:**

- A prohibition symbol “” may appear at the upper left of the screen. This symbol means either the feature you tried is not available on the disc, or the unit cannot access the feature at this time. This does not indicate a problem with the unit.
- The unit is capable of holding a still video image or On screen display image on your television screen indefinitely. If you leave the still video image or On screen display image displayed on your TV for an extended period of time, you risk permanent damage to your television screen. Projection televisions are very susceptible.

Basic playback


## Zooming/Locating desired scene

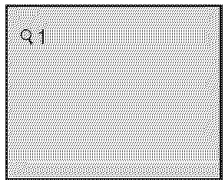


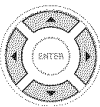
### DVD VCD CD Zooming


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

- 1 Press ZOOM during playback.**

 The center part of the image will be zoomed in. Each press of **ZOOM** will change the ZOOM  $\mathcal{Q}_1$  (x 1.3),  $\mathcal{Q}_2$  (x 1.5) and  $\mathcal{Q}_3$  (x 2.0).


- 2 Press ▲/▼/◀/▶ to view a different part of the frame.**

 You may move the frame from the center position to UP, DOWN, LEFT or RIGHT direction.
- 3 In the zoom mode, press ZOOM repeatedly to return to a 1:1 view ( $\mathcal{Q}$  Off).**




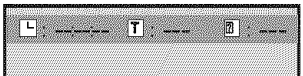
- Notes:**
- You can select the Pause or Slow in the zoom mode.
  - Some discs may not respond to zoom feature.

### DVD VCD CD Locating desired scene

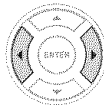
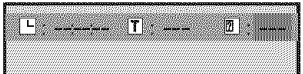
Use the title, chapter and time recorded on the DVD disc to locate the desired point to playback. In the case of VCD/Audio CD discs, time and track are used to locate the desired point to playback.

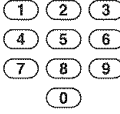

To check the title, chapter/track and time, press **DISPLAY**.

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

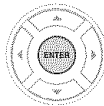
 

  - "Time" works only in DVD playback or DVD resume mode.
- 2 Press ◀ or ▶ to select the "L Time", "T Title/Track" or "Chapter".**


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

  - If you input a wrong number, press **CANCEL**.
  - Refer to the package supplied with the disc to check the numbers.
- 4 Press ENTER. Playback starts.**

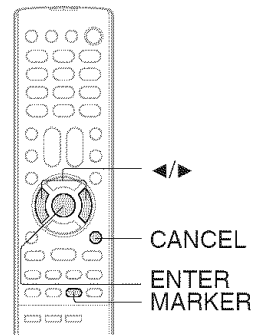


  - When you change the title, playback starts from Chapter 1 of the selected title.
  - Some discs may not work in the above operation.

- Notes:**
- In case of the Audio CD and Video-CD, only Track and Time can be selected.
  - In case of the Video-CD playback with PBC, the JUMP does not work. See "To turn off the PBC" .

## Marking desired scenes

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



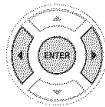
### DVD VCD Marking the scenes

**1** Press **MARKER** during playback.



**2** Select the blank Marker using **◀** or **▶**, then press **ENTER** at the desired scene.

- Up to 3 scenes can be selected.
- Repeat this procedure to set the other 2 scenes.



**3** Press **MARKER** to clear this display.

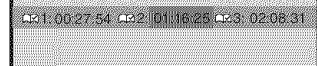
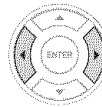


### DVD VCD Returning to the scenes

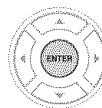
**1** Press **MARKER** during playback or stop mode.



**2** Press **◀** or **▶** to select the Marker 1-3.



**3** Press **ENTER**.



Playback starts from the marked scene.

#### ■ To cancel the Marker

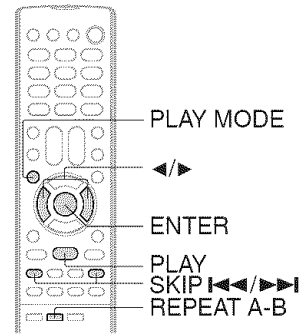
Follow the above steps 1~2, then press **CANCEL**.

#### Notes:

- Some discs may not work with the marking operation.
- The marking is canceled when you open the disc tray or turn the power off.
- Some subtitles recorded around the marker may fail to appear.
- In case of Video CD with PBC, the MARKER is prohibited.


Advanced playback

# Repeat playback/A-B Repeat playback





## DVD VCD CD Repeat playback

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



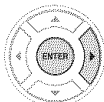
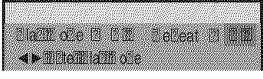
**2** [DVD] Press **◀/▶** repeatedly to select "Chapter" or "Title".

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


[Video CD, Audio CD] Press **▶** to select "Repeat" and then press **ENTER** repeatedly to select "Track" or "All".

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

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

**3** Press **PLAY MODE** again to clear the screen.



■ **To resume normal playback**  
Select Repeat : "Off" in step 2.

**Notes:**


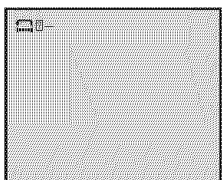
- Some discs may not work with the repeat operation.
- In case of Video CD with PBC, Repeat function is prohibited during playback.
- Chapter/Track repeat function is canceled whenever **SKIP** **◀◀** or **▶▶** is pressed.

## DVD VCD CD A-B Repeat playback

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


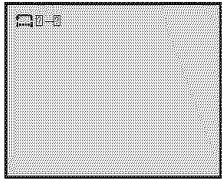
**1** Press **REPEAT A-B** during playback.

The start point is selected.





**2** Press **REPEAT A-B** again.

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

■ **To resume normal playback**  
Press **REPEAT A-B** again.



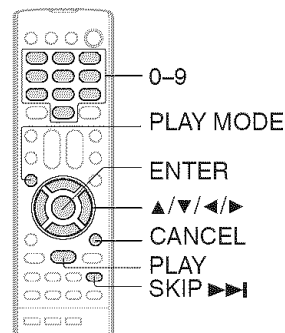
"**◻**" appears on the screen.

**Notes:**

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

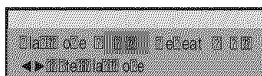
## Program playback/Random playback

You can arrange the playback order of tracks or files on the disc. And also the unit can playback tracks or files in random order. These feature works for Audio CD, Video CD and JPEG CD.

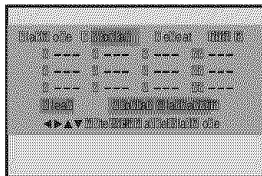
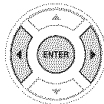


### VCD CD Program playback

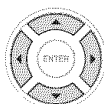
**1** Press **PLAY MODE** in the stop mode.



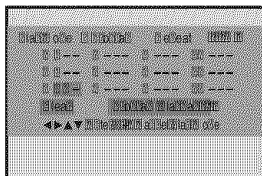
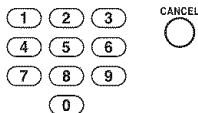
**2** Press **◀** or **▶** to select Play Mode, then press **ENTER** repeatedly to select "Program".



**3** Press **▲/▼/◀/▶** to select the programming position. Use Number buttons (0-9) to input the track or file numbers.



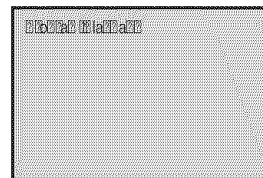
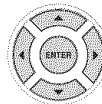
- To program others, repeat step 3.
- If you input a wrong number, press **CANCEL**.



**4** Press **▲/▼/◀/▶** to select "Program Playback" and press **ENTER**.

The programs you selected will start to playback in order.

- In case of JPEG file, press **SKIP ▶▶▶** to continue the program playback if the JPEG interval is set to "Off", see page 27.
- To resume normal playback, select Play Mode: "Off" in step 2.



#### ■ To change the program

1. In the program mode, press **▲/▼/◀/▶** to select the track /file number.
2. Press **Number buttons (0-9)** to select the track/file number to be replaced.

#### ■ To clear the program one by one

In the program mode, press **▲/▼/◀/▶** to select the track /file number. Then press **CANCEL**.

#### ■ To clear all the programs

In the program mode, press **▲/▼/◀/▶** to select "Clear". Then press **ENTER**.

#### Note:

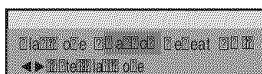
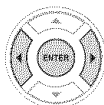
The Program is canceled when you open the disc tray or turn the power off.

### VCD CD Random playback

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



**2** Press **◀/▶** to select Play Mode, then press **ENTER** repeatedly to select "Random".



**3** Press **PLAY**.



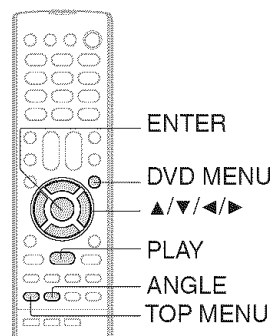
The Random Playback will start.

- In case of JPEG file, press **SKIP ▶▶▶** to continue the random playback if the JPEG interval is set to "Off", see page 27.
- If you set "Random" during playback mode, Random playback will begin after the track/file that is currently being played has ended.
- To resume normal playback, select Play Mode: "Off" in step 2.

#### Note:

In case of Video CD with PBC, you cannot set Random function during playback.

# Changing angles/Title selection/DVD menu



## DVD Changing angles

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

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

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

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

## DVD Title selection

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

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

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

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

**Note:**  
Depending on the DVD, you may not be able to select the title. Depending on the DVD, a "title menu" may simply be called a "menu" or "title" in the instructions supplied with the disc.

## DVD DVD menu

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

**1** Press **DVD MENU** during playback.  
The DVD menu appears on the screen.

- Press **DVD MENU** again to resume playback at the scene when you pressed **DVD MENU**.

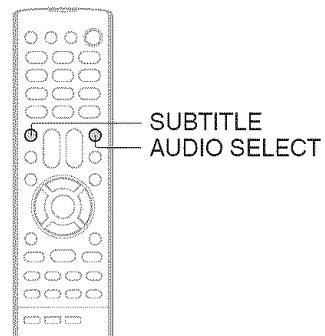
**2** Press **▲/▼/◀/▶** to select the desired item.

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

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




# Changing soundtrack language/ Subtitles

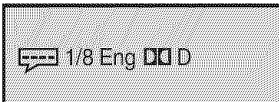


## DVD VCD Changing soundtrack language


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

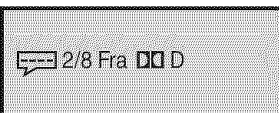
**1 Press AUDIO SELECT during playback.**

 The current soundtrack language will appear.



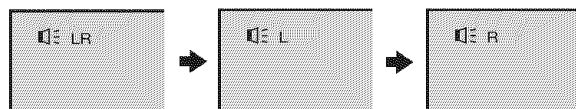
**2 Press AUDIO SELECT repeatedly until the desired language is selected.**

 The on screen display will disappear after a few seconds.



### ■ In case of Video CD playback

Audio type changes as follows each time you press **AUDIO SELECT**.




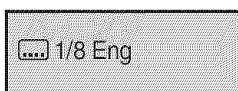
### Notes:

- If the desired language is not heard after pressing the button several times, the language is not recorded on the disc.
- The selected soundtrack language is canceled when you open the disc tray. The initial default language or available language will be heard if the disc is played back again.
- If you select DTS in playing DTS-encoded disc, no sound will be heard from the TV/DVD's speakers.



## DVD Subtitles

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

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

**2 To turn off the subtitle, press SUBTITLE until "Off" appears.**

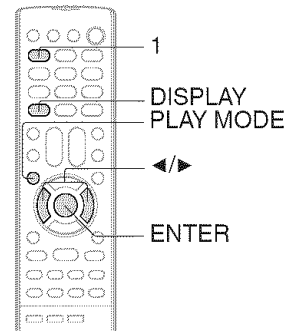
- The on screen display will disappear after a few seconds.

### Notes:

- Depending on the DVD, you may not be able to change subtitles, or to turn subtitles on or off.
- While playing a DVD, the subtitle may change when you open or close the disc tray.
- In some cases, a selected subtitle language may not be changed immediately.

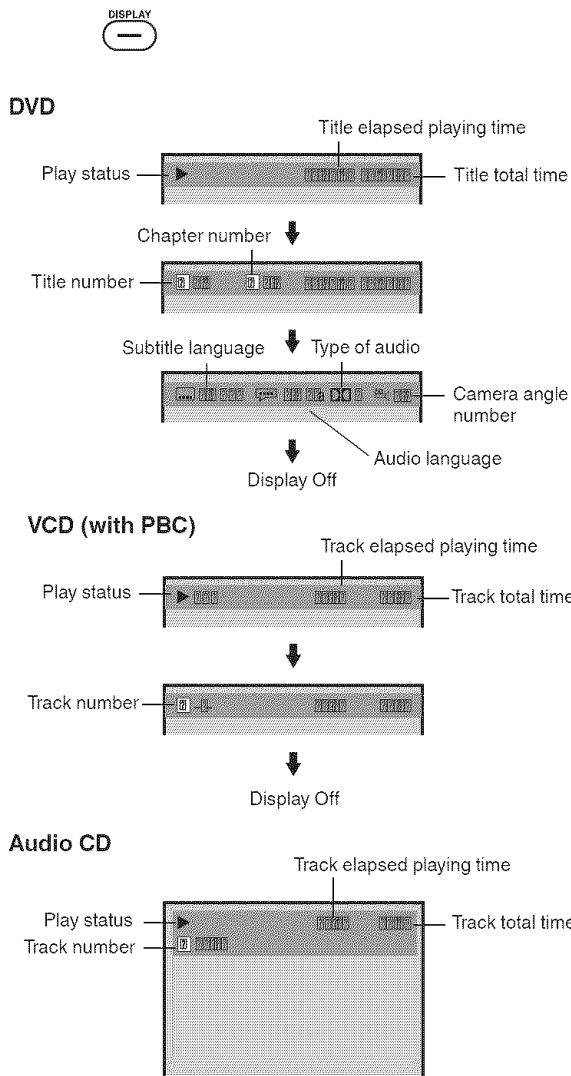
Advanced playback

# Disc status/To turn off the PBC



## DVD VCD BD Disc status

Press DISPLAY during playback. The status display of the disc will appear on the screen in order like the figure below.



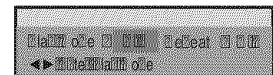
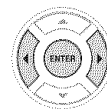
- When you play an Audio CD, the status display will appear and remain on the screen.

## VCD To turn off the PBC

**1** Press PLAY MODE in the stop mode.



**2** Press </> to select Play Mode, then press ENTER repeatedly to select "Off".



**3** Press PLAY MODE again to clear the screen.

### ■ To turn on the PBC

Follow the above steps 1~2, then press ENTER repeatedly until "PBC" appear.

### Note:

You can also turn off the PBC by pressing number button 1 and ENTER in the stop mode.

## JPEG CD information

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

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

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

### JPEG CD information

#### Limitations on JPEG CD playback

- JPEG CD is the disc that is standardized by ISO9660, its file name must include 3-digits extension letters, ".jpg".
- JPEG CD must be corresponded to the ISO standardized files.
- This unit can read 600 files per directory. If one directory has more than 600 files, it reads up to 600 files, the remaining files will be omitted.
- The unit is able to recognize up to a maximum of 50 directories per disc.
- JPEG CDs cannot be used for the purpose of recording.
- It may take more than one minute for this unit to read JPEG files depending on its structure.

#### Limitations on display

- The maximum number for display is 16 letters.
- Available letters for display are the following: capital or small alphabets of A through Z, numbers of 0 through 9, and \_ (under score).
- Other letters than those above are replaced in hyphen.

#### To playback JPEG CD in the recorded order

1. Use JPEG software that records data alphabetically or numerically.
2. Name each file including two-digit or three-digit number (ex. "01" "02" or "001" "002").
3. Refrain from making too many sub-folders.

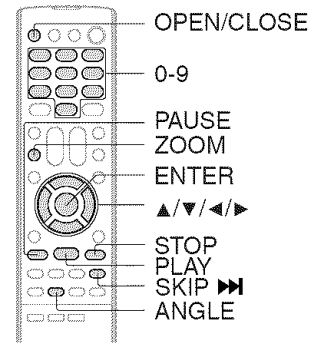
#### CAUTION:

- Some JPEG CDs cannot be played back depending on the recording conditions.
- The CD-R/RW that has non JPEG files cannot be played back.

Advanced playback

## JPEG CD playback

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

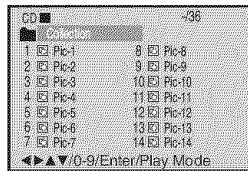
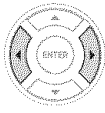


### JPEG CD playback

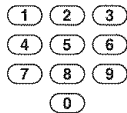
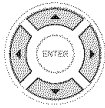
**1** Place a JPEG disc on the disc tray, then press **OPEN/CLOSE**.



**2** A file menu screen will appear on the screen. Press **◀/▶** to select folder.

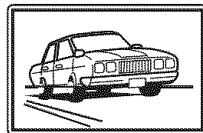
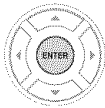


**3** Press **▲/▼/◀/▶** or Number buttons (0-9) to select the desired file.



- To display next list, press **SKIP** **◀◀** or **▶▶**.

**4** Press **ENTER**. The selected picture appears on the screen.



#### Rotating an image

You can rotate an image by 90 degrees. Press **ANGLE** during playback of the image. "◀▶", "◀▶", "◀▶" or "◀▶" appears on the screen.

#### Zooming an image

Zoom function also can be used in viewing JPEG files. Press **ZOOM** (See "Zooming" [38](#)).

**5** Press **STOP** to end playback.

The file menu appears on the screen. If you want to watch the other file, repeat steps 3 ~ 4.



#### Notes:

- During JPEG playback, you cannot use JUMP and A-B Repeat functions.
- You can use Repeat (Track or All), Random and Program functions for JPEG CD playback [40](#) [41](#).

### Slide show playback

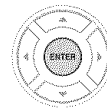
The slide show enables you to view pictures (files) one after another automatically.

#### Preparation:

Set 'JPEG Interval' setting to "5 Seconds", "10 Seconds" or "15 Seconds" [50](#).

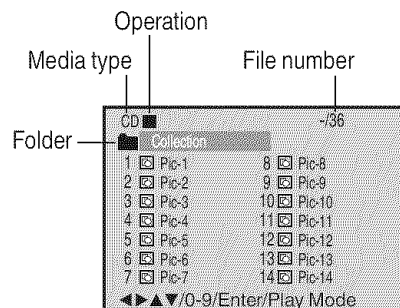
**1** Select your desired starting file for the slide show in the step 3 on left.

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



- If you press **PAUSE** during the slide show, the slide show stops temporary. "||" appears briefly on the screen. Press **PLAY** or **SKIP** **▶▶** again to resume the slide show.
- If the picture appears upside down or sideways, press **ANGLE** repeatedly until it's right side up. "◀▶", "◀▶", "◀▶" or "◀▶" appears on the screen.
- When the slide show playback finished, the file list appears.
- To stop the slide show, press **STOP**. The file list appears.

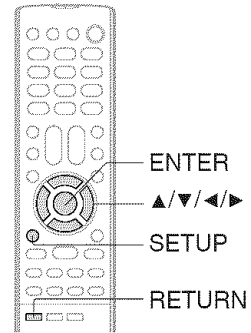
#### About file menu



: Indicates JPEG file

## Customizing the function settings

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

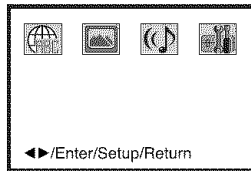


### Setting procedure

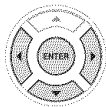
#### 1 Press SETUP during stop mode



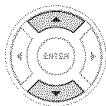
The following on-screen display appears.



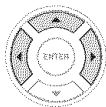
#### 2 Press ◀ or ▶ to select the desired section, then press ▼ or ENTER.



#### 3 Press ▲ or ▼ to select the desired option.



#### 4 Change the selection using ◀ or ▶ by referring to the corresponding pages 49 ~ 51.



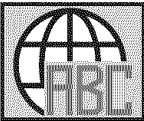

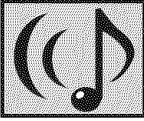
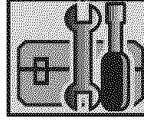
- Repeat steps 3 and 4 to change other settings.
- To select another operation, go back to step 2 by pressing ▲ repeatedly.

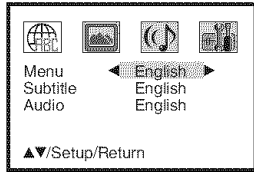
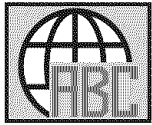
#### 5 To clear SETUP screen, press SETUP or RETURN.



## Customizing the function settings (Continued)

### Setting details

Section	Option	Details	Page
	<b>Menu Subtitle Audio</b>	To select the language of "Menu", "Subtitle" and "Audio" if more than one language are recorded on the disc.	<b>49</b>
	<b>TV Screen</b>	To select a picture size according to the aspect ratio of your TV.	<b>50</b>
	<b>Display</b>	To turn On or Off the operational status display on the screen.	
	<b>Picture Mode</b>	To select a preferred picture mode from "Video", "Film" or "Auto".	
	<b>JPEG Interval</b>	To select a preferred setting for the slide show playback.	
	<b>DRC</b>	To select On or Off for DRC (Dynamic Range Control).	<b>50</b>
	<b>Password</b>	To change the password.	<b>51</b>
	<b>Parental</b>	To select a preferred parental level for the parental setting.	
	<b>Select Files</b>	To select a preferred file type for playing back a CD containing a mixture of file types.	



### ■ Menu, Subtitle, Audio

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

#### English, Francais, Espanol:

The selected language will be heard or seen.

#### Other:

Other language can be selected (see "Language code list" [53](#)).

#### Original (Audio):

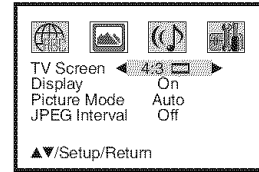
The unit will select the first-priority language of each disc.

#### Off (Subtitle):

Subtitles do not appear.

#### Notes:

- If the selected language is not recorded on the disc, the first-priority language is selected.
- If you want to change the OSD language, you can perform it by TV MENU [20](#).



### ■ TV Screen

You have the following screen sizes to choose from:

#### 4:3 : (Letter box)

Select this mode when connecting to a conventional TV. When playing back a wide screen-DVD disc, it displays the wide picture with black bands at the top and bottom of screen.

#### 4:3 : (Pan & scan)

It displays the wide picture on the whole screen with left and right edges automatically cut off.

Press **OPEN/CLOSE** to view in the selected screen size.

#### Note:

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

### ■ Display

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

**On:** On screen displays appear when you press any buttons (factory setting).

**Off:** On screen displays do not appear when you press any buttons.



Function setup



## Customizing the function settings (Continued)

### Setting details

#### Picture Mode

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

- Auto:** Select this selection normally. The DVD player automatically detects source content, film or video of playback source, and converts that signal in an appropriate method.
- Film:** The DVD player converts film content pictures appropriately. Suitable for playback of film content pictures.
- Video:** The DVD player filters video signal and converts it appropriately. Suitable for playback of video content pictures.

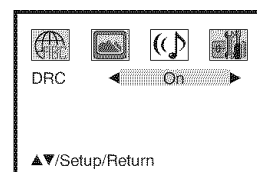
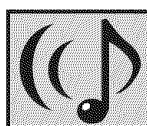
#### Note:

Depending on the disc, pictures may be cut off or doubled. In this case, select "Video".

#### JPEG Interval

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

- Off:**  
Plays back one file at a time.
- 5 Seconds:**  
Plays back images in the form of a slide show at 5 second intervals.
- 10 Seconds:**  
Plays back images in the form of a slide show at 10 second intervals.
- 15 Seconds:**  
Plays back images in the form of a slide show in 15 second intervals.



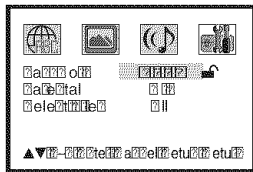
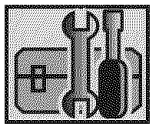
#### DRC

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

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

#### Notes:

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



### ■ Parental control setting

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

- 1) Press **▲** or **▼** to select "Parental", then press **◀** or **▶** until the parental level you require to appear.
  - **Level Off:** The parental control setting does not function.
  - **Level 8:** All DVD software can be played back.
  - **Level 1:** DVD software for adults cannot be played back.

Select from the level 1 to level 8. The limitation will be more severe as the level number is lower.

- 2) Press **▲** or **▼** to select "Password". Press **Number buttons (0-9)** to input a 4-digit password. Be sure to remember this number! If you input a wrong number, press **CANCEL**.
- 3) Press **ENTER** to store the password.
- 4) Press **OPEN/CLOSE** to activate Parental control setting. (See "Temporary cancel the rating level by DVD disc" .)

#### Notes:

- The parental control level is equivalent to the following USA movie ratings.

Level 1: G	Level 5:
Level 2:	Level 6: R
Level 3: PG	Level 7: NC-17
Level 4: PG-13	Level 8:

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

- Depending on the discs, the unit cannot limit playback.
- Some discs may not be encoded with specific rating level information though its disc jacket says "adult." For those discs, the age restriction will not work.
- The password is required every time when you change the parental level.

### ■ To change the parental level

- 1) Press **▲** or **▼** to select "Password".
- 2) Press **Number buttons (0-9)** to enter the password you have stored.
- 3) Press **ENTER**.
  - The rating is now unlocked.
- 4) Press **▲** or **▼** to select "Parental", then press **◀** or **▶** to change the parental level.
- 5) Press **▲** or **▼** to select "Password", then press **Number buttons (0-9)** to enter the password. Note: You can change the password if you want.
- 6) Press **ENTER**.  
Now the parental level is changed and locked.

### ■ If you forget the password.

1. Press **OPEN/CLOSE** to open the disc tray.
2. Remove the disc.
3. Press **OPEN/CLOSE** again to close the disc tray. "No Disc" appears on the screen.
4. Press and hold **STOP** on the front panel, and at the same time press **7** on the remote control until "PASSWORD CLEAR" appears on the screen.
5. Enter a new password again.

### ■ Select Files

You can select the file types to be displayed on the file menu.

#### All:

Displays all files.

#### Music Only:

Displays files except JPEG file.

#### Pictures Only:

Displays only JPEG files.

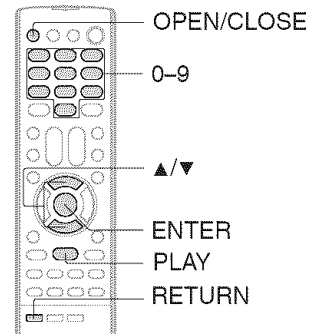
#### Note:

If each setup ~ has completed, the unit can always work under the same condition (especially with DVD discs).

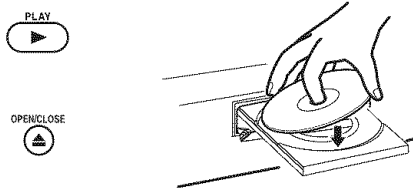
Each setup will be retained in the memory even if you turn the power off.

## Temporary cancel the rating level by DVD disc

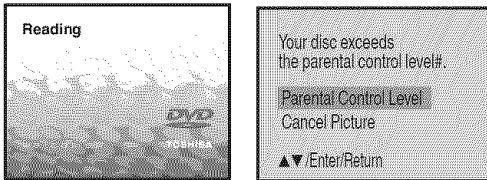
Depending on the DVD disc, the disc may try to temporarily cancel the rating level that you have set. It is up to you to decide whether to cancel the rating level or not.



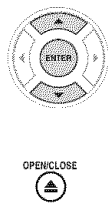
**1** Load a DVD disc and press **PLAY** or **OPEN/CLOSE** on the unit **[35]**.



**2** If the DVD disc has been designed to temporarily cancel the Rating level, the screen which follows the "Reading" screen will change, depending on which disc is played. If you select "YES" with the **ENTER** key, "Your disc exceeds the parental control level#." screen will then appear.

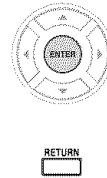
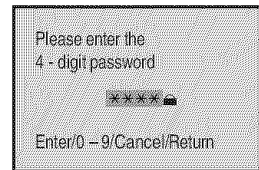
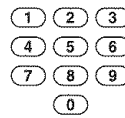


**3** If you wish to cancel the set rating level temporarily, select "Parental Control Level" with **▲** or **▼**, then press **ENTER**. If the 4-digit password at step 2 on page **[51]** has been set, the password entering screen will appear as shown in step 4. Alternatively, if the password has not been set, playback will commence. If you don't know (or have forgotten) the password, select "Cancel Picture". The setting screen will disappear. Press **OPEN/CLOSE** to remove the disc.



**4** Enter the password with Number buttons (0-9). Then press **ENTER**.

To exit from the entry, press **RETURN**.



**5** Playback will commence if the entered password is correct.

**Note:**

This temporary cancellation of rating level will be kept until the disc is ejected. When the disc is ejected, the original rating level will be set again automatically.

## Language code list


Enter the appropriate code number for the initial settings "Menu", "Subtitle" and/or "Audio" [49](#).

Language Name Code	Language Name Code	Language Name Code	Language Name Code
Abkhazian 1112	Fiji 1620	Lingala 2224	Singhalese 2919
Afar 1111	Finnish 1619	Lithuanian 2230	Slovak 2921
Afrikaans 1116	French 1628	Macedonian 2321	Slovenian 2922
Albanian 2927	Frisian 1635	Malagasy 2317	Somali 2925
Amharic 1123	Galician 1722	Malay 2329	Spanish 1529
Arabic 1128	Georgian 2111	Malayalam 2322	Sundanese 2931
Armenian 1835	German 1415	Maltese 2330	Swahili 2933
Assamese 1129	Greek 1522	Maori 2319	Swedish 2932
Aymara 1135	Greenlandic 2122	Marathi 2328	Tagalog 3022
Azerbaijani 1136	Guarani 1724	Moldavian 2325	Tajik 3017
Bashkir 1211	Gujarati 1731	Mongolian 2324	Tamil 3011
Basque 1531	Hausa 1811	Nauru 2411	Tatar 3030
Bengali; Bangla 1224	Hebrew 1933	Nepali 2415	Telugu 3015
Bhutani 1436	Hindi 1819	Norwegian 2425	Thai 3018
Bihari 1218	Hungarian 1831	Oriya 2528	Tibetan 1225
Breton 1228	Icelandic 1929	Panjabi 2611	Tigrinya 3019
Bulgarian 1217	Indonesian 1924	Pashto Pushto 2629	Tonga 3025
Burmese 2335	Interlingua 1911	Persian 1611	Turkish 3028
Byelorussian 1215	Irish 1711	Polish 2622	Turkmen 3021
Cambodian 2123	Italian 1930	Portuguese 2630	Twi 3033
Catalan 1311	Japanese 2011	Quechua 2731	Ukrainian 3121
Chinese 3618	Javanese 2033	Rhaeto-Romance 2823	Urdu 3128
Corsican 1325	Kannada 2124	Romanian 2825	Uzbek 3136
Croatian 1828	Kashmiri 2129	Russian 2831	Vietnamese 3219
Czech 1329	Kazakh 2121	Samoan 2923	Volapük 3225
Danish 1411	Kirghiz 2135	Sanskrit 2911	Welsh 1335
Dutch 2422	Korean 2125	Scots Gaelic 1714	Wolof 3325
English 1524	Kurdish 2131	Serbian 2928	Xhosa 3418
Esperanto 1525	Laothian 2225	Serbo-Croatian 2918	Yiddish 2019
Estonian 1530	Latin 2211	Shona 2924	Yoruba 3525
Faroese 1625	Latvian Lettish 2232	Sindhi 2914	Zulu 3631

## Troubleshooting

Check the following guide for the possible cause of a problem before contacting service.

SYMPTOMS	CAUSE	POSSIBLE SOLUTIONS	PAGE
<b>POWER</b>			
No power.	The AC power cord is not connected.	Connect the AC power cord to the AC outlet.	5
<b>TV BROADCAST RECEPTION</b>			
Poor or no picture.	TV station experiencing problems.	Try another channel.	21
	Picture control is not adjusted.	Check picture control adjustments.	30
	Possible local interference.	Check for source of reception disturbance.	56
	Antenna (CABLE) connector is not connected or possible local interference.	Check CABLE connection or VHF/UHF antenna, reposition or rotate antenna.	13, 14
Poor or no color.	TV station experiencing problems.	Try another channel.	21
	Picture control is not adjusted.	Check picture control adjustments.	30
	Possible local interference.	Check for source of reception disturbance.	56
	Antenna (CABLE) connector is not connected or possible local interference.	Check CABLE connection or VHF/UHF antenna, reposition or rotate antenna.	13, 14
Picture wobbles or drifts.	TV station experiencing problems.	Try another channel.	21
	Antenna (CABLE) connector is not connected or possible local interference.	Check CABLE connection or VHF/UHF antenna, reposition or rotate antenna.	13, 14
	Cable TV channel is scrambled.	Try another channel.	21
No CATV reception.	CABLE connector is not connected.	Check all CABLE connections.	14
	TV/CABLE selection is set to the TV position.	Set the selection to the CABLE position.	25
	Cable TV service interrupted.	Contact your Cable TV company.	-
No reception above channel 13.	TV/CABLE selection is not set to the appropriate position.	Make sure selection is in the appropriate position.	25
	UHF antenna is not connected.	Check UHF antenna.	13
Poor or no sound.	TV station experiencing problems.	Try another channel.	21
	Antenna (CABLE) connector is not connected or possible local interference.	Check CABLE connection or VHF/UHF antenna, reposition or rotate antenna.	13, 14
	Possible local interference.	Check for source of reception disturbance.	56
	The MUTE button is pressed.	Press the MUTE button to cancel mute function.	22
TV shuts off.	TV station stopped broadcasting.	Try another channel.	21
	Sleep timer is set.	Set Sleep Timer to "0".	22
Closed caption is not activated.	TV station experiencing problems or program tuned is not closed captions.	Try another channel.	21
	TV signal is weak.	Check CABLE connection of VHF/UHF antenna, reposition or rotate antenna.	13, 14
	The CLOSED CAPTION button is not pressed.	Press the CLOSED CAPTION button to turn on the closed caption.	23, 24

SYMPTOMS	CAUSE	POSSIBLE SOLUTIONS	PAGE
<b>DVD</b>			
The playback picture has occasional distortion.	The disc is dirty.	Eject the disc and clean it.	8
	It is in fast forward or fast reverse playback.	Sometimes a small amount of picture distortion may appear. This is not a malfunction.	-
The unit does not start playback.	No disc is inserted.	Insert a disc.	35
	An unplayable disc is inserted.	Insert a playable disc (Check the disc type and color system).	9
	The disc is placed upside down.	Place the disc with the playback side down.	35
	The disc is not placed within the guide.	Place the disc correctly inside the guide on the disc tray.	35
	The parental lock function is set.	Cancel the parental lock function or change the parental lock level.	51, 52
Playback does not follow the course of the disc's program.	It is in the mode of repeat playback, memory playback, etc.	These operations may prevent a proper progress of the contents.	-
"  " appears on the screen.	The function is prohibited with the unit or the disc.	-	9
<b>REMOTE CONTROL</b>			
Remote control does not operate.	The remote control is not aimed at the sensor.	Aim the remote control at the remote sensor.	12
	Distance is too far or too much light in the room.	Operate within 5 m or reduce the light of the room.	12
	There is an obstacle in the path of the beam.	Clear the path of the beam.	12
	The batteries are weak.	Replace the batteries.	12
	The batteries are not inserted correctly.	Insert correctly.	12

Others

## Reception disturbances

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

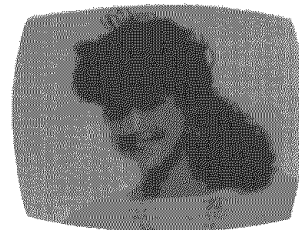
### IGNITION

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.



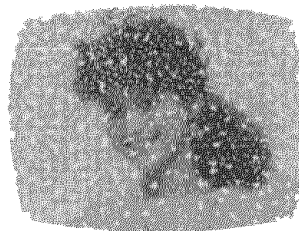
### GHOSTS

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.



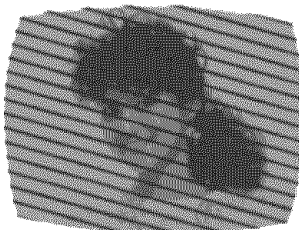
### SNOW

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



### RADIO FREQUENCY INTERFERENCE (RFI)

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



### PICTURE SIZE VARIATION

A slight picture size variation is normal when you adjust the CONTRAST or BRIGHTNESS settings.



## CARE AND MAINTENANCE

To prevent fire or shock hazard, disconnect the unit from the power source before cleaning. The finish on the cabinet may be cleaned with mild soap and a soft, damp cloth and cared for as other furniture. Use caution when cleaning or wiping the plastic parts.



# Specifications

Model	MD14H63	MD20H63	MD24H63
<b>General</b>			
Power supply	AC 120 V 60 Hz		
Power consumption	Operation:	95 W	120 W
	Stand by:	3 W	3 W
Picture tube	14 inches (355.6 mm)	20 inches (508.0 mm)	24 inches (600.0 mm)
Speaker	1-1/2 × 2-11/16 inches (38.1 × 68.6 mm), 8 Ω × 2		
Audio output power	1.0 W + 1.0 W		
Weight	29.8 lbs (13.5 kg)	55.1 lbs (25.0 kg)	75.0 lbs (34.0 kg)
Dimensions	Width:	17-5/16 inches (440 mm)	22-5/8 inches (574 mm)
	Height:	12-1/2 inches (393 mm)	20-1/4 inches (514.5 mm)
	Depth:	15-7/16 inches (392.5 mm)	18-15/16 inches (481.5 mm)
Television system	NTSC standard, ATSC standard (8VSB), QAM		
Tuner	181 channel freq. synthesized VHF 2-13 UHF 14-69 CATV 125 Channels		
Antenna input	UHF/VHF: 75 Ω coaxial		
Color system	NTSC		
Applicable disc	DVD (12 cm, 8 cm), CD (12 cm, 8 cm)		
Frequency range	DVD: 4 Hz-22 kHz, CD: 4 Hz-20 kHz		
Operating conditions	Temperature: 5°C-40°C (41°F-104°F), Operating status: Horizontal, Humidity: Less than 80% RH (no condensation)		
<b>Input/Output</b>			
Video input	1.0 V (p-p), 75 Ω, negative sync., pin jack × 2		
Audio input	-8dBm, 50 kΩ, negative sinc., pin jack (L/R) × 2		
Audio output (DIGITAL COAXIAL)	0.5 V (p-p), 75 Ω, pin jack × 1		
Headphone	Ø3.5mm stereo mini jack × 1		
<b>Supplied accessories</b>			
Remote control (SE-R0258).....	1		
Batteries (R03/AAA) .....	2		

\* Screen size is approximate.

- 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.

Others

## Limited United States Warranty

for model MD14H63/MD20H63/MD24H63 ("TV Combination")

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 TV COMBINATION AS A GIFT FROM THE ORIGINAL CONSUMER PURCHASER AND TO NO OTHER PURCHASER OR TRANSFEREE.**

**TV 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. TV 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 Ninety (90) Day Warranty on Labor

TACP warrants this TV Combination and its parts against defects in materials or workmanship for a period of ninety (90) days 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 FOR PARTS OR LABOR.** During this period, TACP Authorized Service Station personnel will come to your home when warranty service is required. Depending on the type of repair required, the service will either be performed in your home or the TV Combination will be taken to a TACP Authorized Service Station for repair and returned to your home at no cost to you.

### Limited One (1) Year Warranty on Parts

TACP further warrants the parts in this TV Combination 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 FOR THE PART, PROVIDED THAT IF A DEFECTIVE PART IS REPAIRED OR REPLACED AFTER NINETY (90) DAYS AFTER THE DATE OF ORIGINAL RETAIL PURCHASE, YOU MUST PAY ALL LABOR CHARGES IN CONNECTION WITH THE REPAIR OR REPLACEMENT THEREOF.** After the date that is ninety (90) days after the date of original retail purchase, you may request in-home service at your expense, or you may deliver the entire TV Combination to a TACP Authorized Service Station. If you elect to deliver the entire TV Combination to a TACP Authorized Service Station, you must pay for all transportation and insurance charges for the TV Combination to and from the TACP Authorized Service Station.

### Limited Two (2) Year Warranty on Picture Tube

TACP further warrants the picture tube in this TV Combination against defects in materials or workmanship for a period of two (2) years after the date of original retail purchase. **DURING THIS PERIOD, TACP WILL, AT TACP'S OPTION, REPAIR OR REPLACE A DEFECTIVE PICTURE TUBE WITH A NEW OR REFURBISHED PICTURE TUBE WITHOUT CHARGE TO YOU, PROVIDED THAT IF A DEFECTIVE PICTURE TUBE IS REPAIRED OR REPLACED AFTER NINETY (90) DAYS AFTER THE DATE OF ORIGINAL RETAIL PURCHASE, YOU MUST PAY FOR ALL LABOR CHARGES IN CONNECTION WITH THE REPAIR OR REPLACEMENT THEREOF.** After the date that is ninety (90) days after the date of original retail purchase, you may request in-home service at your expense, or you may deliver the entire TV Combination to a TACP Authorized Service Station. If you elect to deliver the entire TV Combination to a TACP Authorized Service Station, you must pay for all transportation and insurance charges for the TV Combination to and from the TACP Authorized Service Station.

### Rental Units

The warranty for TV 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.

### Limited Warranty for Commercial Units

TACP warrants TV Combinations that are sold and used for commercial purposes as follows: all parts are warranted against defects in materials or workmanship for a period of ninety (90) 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.**

### Owner's Manual and Product Registration Card

Read this owner's manual thoroughly before operating this TV Combination.

Complete and mail the enclosed product registration card or register your TV Combination online at [www.tacp.toshiba.com/service](http://www.tacp.toshiba.com/service) as soon as possible. By registering your TV 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.

[continued on next page]

### Your Responsibility

#### THE ABOVE WARRANTIES ARE SUBJECT TO THE FOLLOWING CONDITIONS:

- (1) You must retain your original bill of sale or provide other proof of purchase.
- (2) All warranty servicing of this TV Combination must be performed by an Authorized TACP Service Station.
- (3) The warranties from TACP are effective only if this TV 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, misaligned satellite dishes, cable television distribution, VCRs, DVD players/recorders, personal computer level IEEE-1394 devices, and any other connected signal source device are your responsibility.
- (5) Warranties extend only to defects in materials or workmanship as limited above, and do not extend to any TV Combination or parts that have been lost or discarded by you or to damage to the TV 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 TV Combination and connected equipment; or to units that have been modified or had the serial number removed, altered, defaced, or rendered illegible.

### How to Obtain Warranty Service

If, after following all of the operating instructions in this manual and reviewing the section entitled "Troubleshooting," you find that service is needed:

- (1) To find the nearest TACP Authorized Service Station, visit TACP's website at [www.tacp.toshiba.com/service](http://www.tacp.toshiba.com/service) or contact TACP's Consumer Solution Center toll free at 1-800-631-3811.
- (2) You must present your original bill of sale or other proof of purchase to the TACP Authorized Service Station.

For additional information, visit TACP's website:  
[www.tacp.toshiba.com](http://www.tacp.toshiba.com)

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

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

Others



# TOSHIBA

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