

TOSHIBA



LCD TV/DVD COMBINATION **SD-P5000**

OWNER'S MANUAL



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SAFETY PRECAUTIONS

CAUTION: This equipment 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 - see service procedure.

Use of controls or adjustments or 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 and invisible laser radiation when open and interlocks defeated.
DO NOT STARE INTO BEAM.



FCC NOTICE “Declaration of Conformity Information”

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 separation 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.

WARNING: Only peripherals complying with the FCC class B limits may be attached to this equipment. Operation with non-compliant peripherals or peripherals not recommended by Toshiba is likely to result in interference to radio and TV reception.
Changes or modifications made to this equipment, not expressly approved by Toshiba, or parties authorized by Toshiba, could void the user's authority to operate the equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

CAUTION: These servicing instructions are for use by qualified service personnel only. To reduce the risk of electric shock do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.

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

This product contains mercury. Disposal of mercury may be regulated due to environmental considerations. For disposal or recycling information, please contact your local authorities or the Electronic Industries Alliance: www.eiae.org.

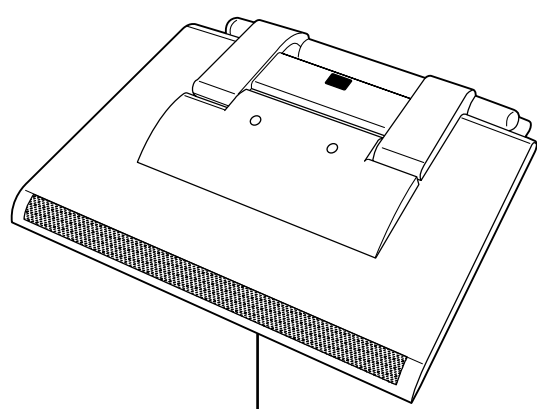
In the spaces provided below, record the Model and Serial No. located on the bottom of your unit.




Model No. _____

Serial No. _____

Retain this information for future reference.

Location of the required label



TOSHIBA		
LCD TV/DVD COMBINATION		MODEL NO. SD-P5000
DC 12V  3A	PRODUCT IS CERTIFIED BY THE MANUFACTURER TO COMPLY WITH DHHS RULE 21 CFR SUBCHAPTER J APPLICABLE AT THE DATE OF MANUFACTURE.	
 Tested To Comply With FCC Standards FOR HOME OR OFFICE USE	MANUFACTURED	
	SERIAL NO.	
TOSHIBA CORPORATION		MADE IN CHINA
1-1, SHIBAURA 1-CHOME, MINATO-KU, TOKYO 105-8001, JAPAN		FABRIQUE EN CHINE
THIS CLASS B DIGITAL APPARATUS COMPLIES WITH CANADIAN ICE-003. CET APPAREIL NUMÉRIQUE DE LA CLASSE B EST CONFORME À LA NORME NMB-003 DU CANADA.		

IMPORTANT SAFETY INSTRUCTIONS

CAUTION: PLEASE READ AND OBSERVE ALL WARNINGS AND INSTRUCTIONS GIVEN IN THIS OWNER'S MANUAL AND THOSE MARKED ON THE UNIT. RETAIN THIS BOOKLET FOR FUTURE REFERENCE.

This set has been designed and manufactured to assure personal safety. Improper use can result in electric shock or fire hazard. The safeguards incorporated in this unit will protect you if you observe the following procedures for installation, use and servicing. This unit is fully transistorized and does not contain any parts that can be repaired by the user.

DO NOT REMOVE THE CABINET COVER, OR YOU MAY BE EXPOSED TO DANGEROUS VOLTAGE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL ONLY.

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
8. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
9. Only use attachments/accessories specified by the manufacturer.
10. Unplug this apparatus during lightning storms or when unused for long periods of time. However, while it is thundering or lightning, do not touch the apparatus and any connected cable and/or equipment. This will prevent you from receiving the electric shock by an electric surge.
11. 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 INSTRUCTIONS

12. When you use headphones, keep the volume at a moderate level. If you use the headphones continuously with high volume sound, it may cause hearing damaged.
13. Do not overload wall outlets; extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.
14. Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus and/or around it.
15. Be careful not to catch your fingers in the disc holder when closing the lid. It may cause personal injury.
16. Do not put a vessel containing liquid such as a vase, or a metal object on the apparatus. If liquid or a foreign metal object is let into the apparatus, it may cause fires or electric shock.
17. Do not use a cracked, deformed, or repaired disc. These discs are easily broken and may cause serious personal injury and apparatus malfunction.
18. Do not touch a spinning disc. When you open the disc holder, the disc may have not stopped spinning. Touching a spinning disc may cause personal injury or damage to the product.
19. Do not rest the product on your lap or other parts of body, as it may become heated. Even low temperature may cause inflaming or blistering, if touched for a prolonged period.
20. Use the supplied AC adapter to operate the product. Substitute devices not specified by the manufacturer may result in fire or product malfunction. Do not cover the AC adapter with a blanket or place it near heating or on electric carpet when it is in use.

21. When you use this product in an airplane, follow the instructions of the airline. Disregarding them may cause harmful interference to radio communication.
22. Do not look close the pick-up lens or stare into laser beam. Doing so may cause damage to eyesight.
23. Do not use this product while walking or driving. Neglecting this may cause a traffic accident.
24. Should the LCD monitor be broken and liquid leaks out, do not inhale or swallow it. Doing so may cause poisoning.
If you have got it into your mouth, wash it out and consult your doctor. If your hands or clothes have touched it, wipe them with alcohol and a cleaning cloth and then wash them well.
25. Battery
- Keep batteries out of children's reach. Be careful not to ingest internally, especially by children, as doing so may cause poisoning.
 - Do not load a battery into the remote control with the wrong side out.
 - Do not charge, heat, open, or short-circuit the batteries. Do not throw the batteries into a fire.
 - Do not leave a dead or exhausted battery in the remote control.
 - If you do not use the remote control for a long period of time, remove the battery to avoid possible damage from battery corrosion.
- 26 The batteries must be completely discharged when they are deposited in collection containers for old batteries. If a charge remains, countermeasures to prevent short circuits must be taken.
27. To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.
28. Following mark means "CAUTION - RISK OF FIRE - DO NOT OPEN".
-
- Vehicle adapter and operation in a car
 - NEVER operate the apparatus or view TV/ DVD Video while operating an automobile or other vehicle. Note: doing so is illegal in many jurisdictions.
NEVER place a apparatus within the eyesight of a driver while he/she is driving an automobile/vehicle. Note: an apparatus located in the front seating section of a vehicle is illegal in many jurisdictions.
Failure to observe the above instructions could result in the driver's inattention to and/or distraction from road hazards.
 - NEVER place an apparatus in a location where it could interfere with the proper deployment and/or performance of an air bag. Failure to observe this instruction could result in the prevention of an air bag to properly and/or effectively deploy.
 - Do not use a vehicle adapter other than the model supplied, to power the apparatus. Do not use the supplied vehicle adapter to power an apparatus other than this apparatus. Neglecting these may cause smoke, fire or electrical shock to human body.
 - This adapter is intended for exclusive use in automobiles/vehicles with a DC 12V negative ground electrical system. NEVER use this adapter with a DC 24V configured automobile/vehicle. Consult your vehicle owner's manual before using this adapter.
 - When handling, using or storing the adapter power cord NEVER:
 - Place or locate near any apparatus that produces heat.
 - Disassemble, splice or extend the cord.
 - Pull, force or place any heavy objects on the cord.
 - Bend, twist or bind the cord.
 - Keep away from the driving device (such as brake pedal, etc.) and the moving equipment (such as a seat rail, car windows, door, etc.).
 - NEVER disassemble or alter this adapter in any manner.
 - ALWAYS use caution when touching the adapter, cigarette lighter socket or power port. The adapter, lighter socket and power port may become heated after prolonged use.
 - ALWAYS remove the adapter from the cigarette lighter socket or power port when not in use.

IMPORTANT SAFETY INSTRUCTIONS

- j) Some cars may not have a compatible socket. NEVER modify this adapter to fit an incompatible cigarette lighter socket and/or power port. NEVER modify an incompatible cigarette lighter socket and/or power port to accept this adapter.
Failure to observe the above warnings could cause smoke, fire, burns and/or electric shock.
- k) ALWAYS locate the apparatus on a level and secure surface. If placed on an uneven, shaky, unsecured or unstable surface, apparatus may fall.
Failure to observe the above warning could result in the apparatus striking a person.
- l) When using the adapter, insert the plug of the adapter into the cigarette lighter socket or power port fully.
The incomplete insertion will cause smoke or fire.
- m) Do not touch the adapter with wet hands. Do not liquid over the adapter.

Notes on handling

- Do not shock the LCD monitor. It may cause unit damage and malfunction.
- Do not use the unit in a place subject to vibration. Neglecting this may cause malfunction of the unit or damage to the disc.
- Do not leave the unit in a vehicle. Rise or drop in temperature may result in malfunction of the unit.
- When transporting the unit, the original shipping carton and packing materials come in handy. For maximum protection, repack the unit as it was originally packaged 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 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

- 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, move the unit away from the TV, radio, or VCR.

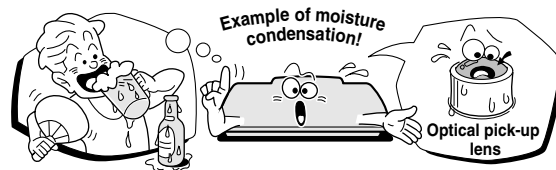
Notes on cleaning

- Use a soft, dry cloth for cleaning. For stubborn dirt, soak the cloth in a weak detergent solution, wring well and wipe. Use a dry cloth to wipe it dry. Do not use any type of solvent, such as thinner and benzene, 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.
- When cleaning the LCD monitor, use a soft, dry cloth.

Notes on moisture condensation

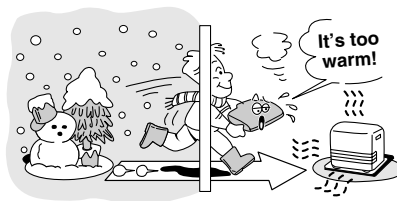
Moisture condensation damages the unit. Please read the following carefully.

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.



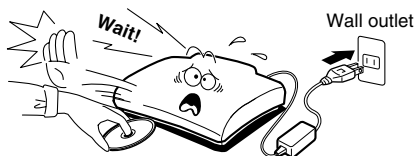
■ **Moisture condensation occurs during the following cases.**

- When you transport 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 air 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.**

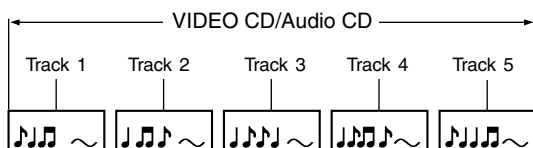
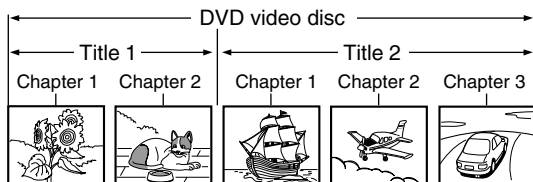
If you use the unit in such a situation, it may damage discs and internal parts. Remove the disc, connect the AC adapter, turn on the unit, and leave it for two or three hours. After two or three hours, the unit will have warmed up and evaporated any moisture.



Notes and Information

Structure of disc contents

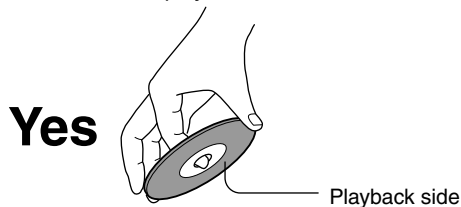
Normally, DVD video discs are divided into titles, and the titles are sub-divided into chapters. VIDEO CDs/audio CDs are divided into tracks.



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.

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 may cause picture and sound deterioration. Wipe the disc from the center outwards with a soft cloth. Always keep the disc clean.



- If you cannot wipe off the dust with a soft cloth, wipe the disc lightly with a slightly moistened soft cloth and finish with a dry cloth.
- 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.

Notes on copyright

It is forbidden by law to copy, broadcast, show, broadcast on cable, play in public, and rent copyrighted material without permission.

DVD video discs are copy protected, and any recordings made from these discs will be distorted.



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

About this owner's manual

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

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

Notes on region numbers

The region number of this unit is 1. Region numbers, corresponding to specific geographical playback area, are printed on your DVD video disc. If you do not find  or , disc playback will not be allowed by the unit. (In this case, the unit will display a message on-screen.)

On VIDEO CDs

This unit supports VIDEO CDs equipped with the PBC (Version 2.0) function. (PBC is an abbreviation for 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 an audio CD.
- 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 screen (Menu Playback). Some functions described in this owner's manual may not work with all discs.

Playable discs

This unit can play the following discs.

	Disc Mark	Contents	Disc Size
DVD video discs		Video (moving pictures) + Audio	12 cm
			8 cm
VIDEO CDs		Video (moving pictures) + Audio	12 cm
			8 cm
Audio CDs		Audio	12 cm
			8 cm (CD single)
<p>The following discs are also available.</p> <ul style="list-style-type: none"> ● DVD-R discs of DVD video format ● CD-R/CD-RW discs of CD-DA or VIDEO CD format <p>Some of these discs may be incompatible.</p>			

- You cannot play discs other than those listed above.
- You cannot play discs of DVD-RAM or non-standardized discs, etc., even if they may be labeled as above.
- This unit uses the NTSC color system.

Because of problems and errors that can occur during the creation of DVD software and/or the manufacture of DVD discs, Toshiba America Consumer Products, L.L.C. and Toshiba of Canada, Ltd. cannot guarantee that this unit will play every feature of every DVD bearing the DVD logo. As one of the creators of DVD technology, Toshiba TV/DVD combination are manufactured to the highest standards of quality and, as a result, such incompatibilities are very rare. If you happen to experience and difficulty playing a DVD on a Toshiba TV/ DVD combination, please feel free to call our Contact listed in “How to Obtain Service” [84](#).

Notes and Information (continued)

Exemptions

- Toshiba Corporation is not liable for any damage caused by fire, natural disaster (such as thunder, earthquake), acts by third parties, accidents, owner's intentional or unintentional misuse, or uses in other improper conditions.
- Toshiba Corporation is not liable for incidental damages (such as profit loss or interruption in business, etc.) caused by use or inability to use of this unit.
- Toshiba Corporation is not liable for any damage caused by neglect of the instructions described in the owner's manual.
- Toshiba Corporation is not liable for any damage caused by misuse or malfunction through joint use of this unit and connected equipment or software.

On disposal

This product contains mercury. Disposal of this material may be regulated due to environmental considerations. For disposal or recycling information, please contact your local government or the Consumer Electronics Association.

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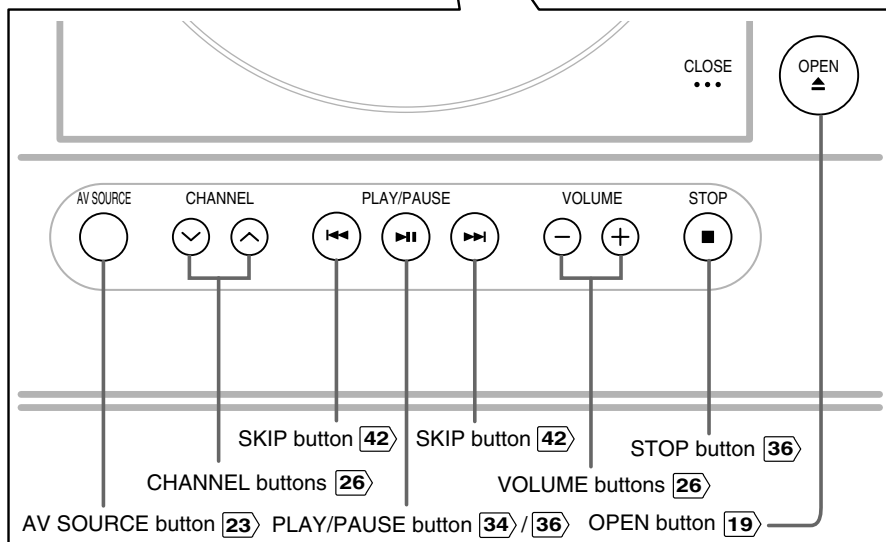
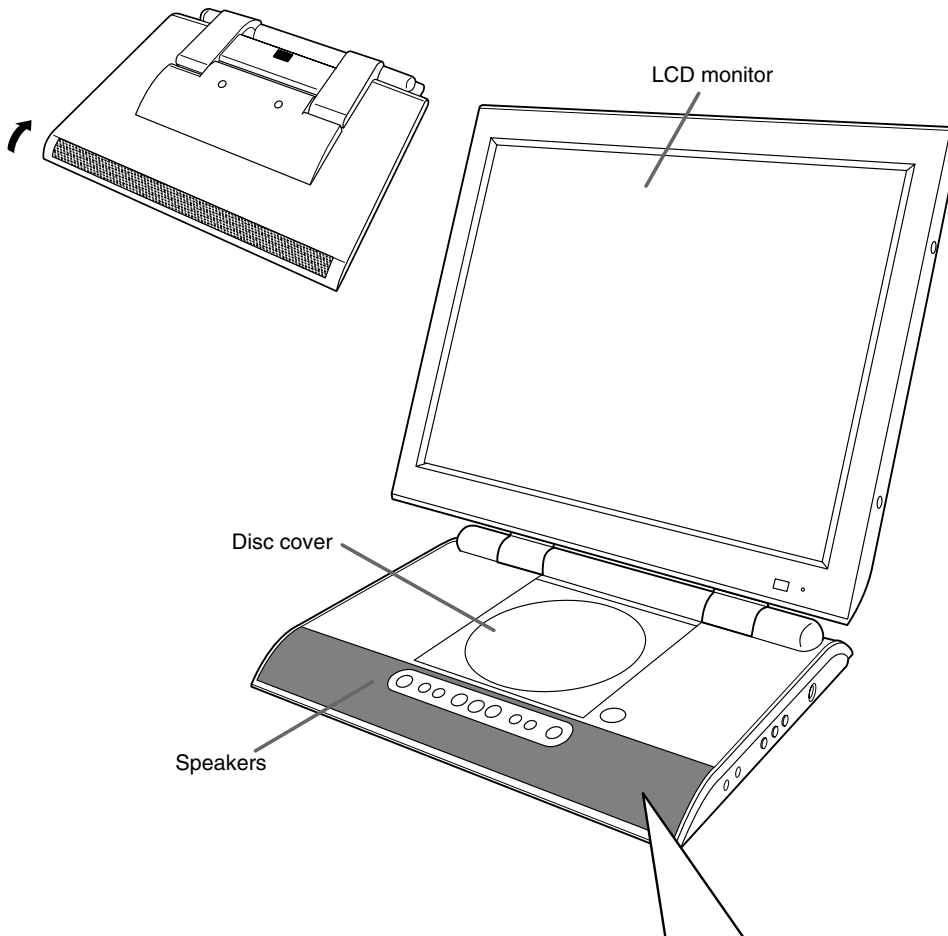
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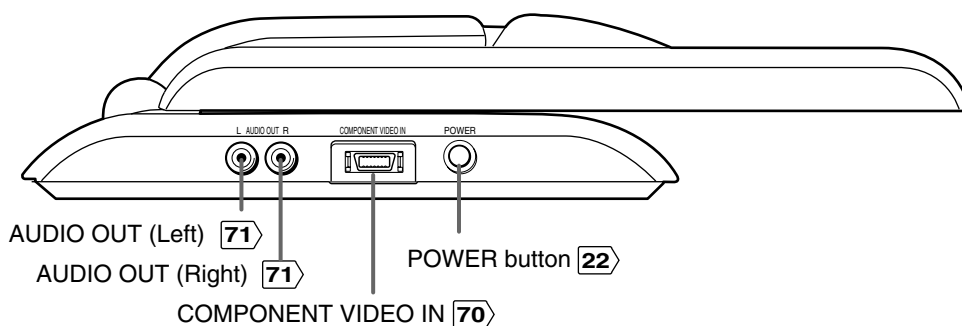
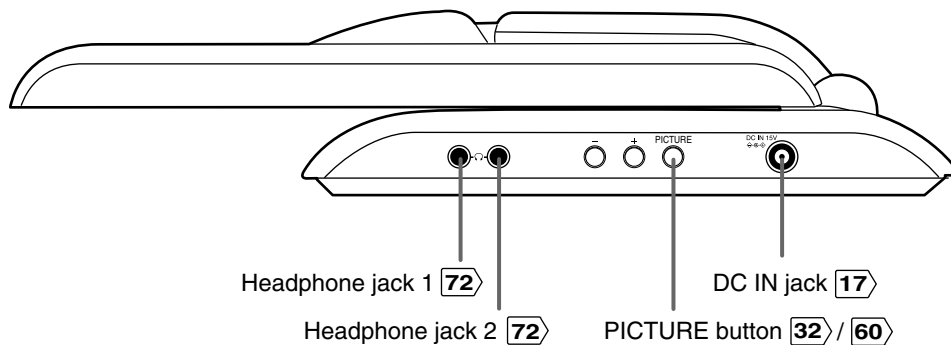
Identification of Controls

See the page in for details.

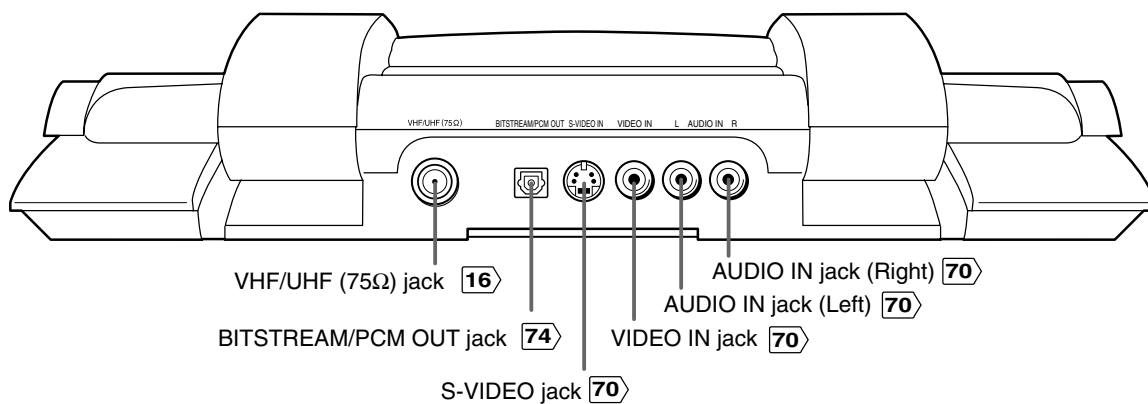
Main unit



Side view



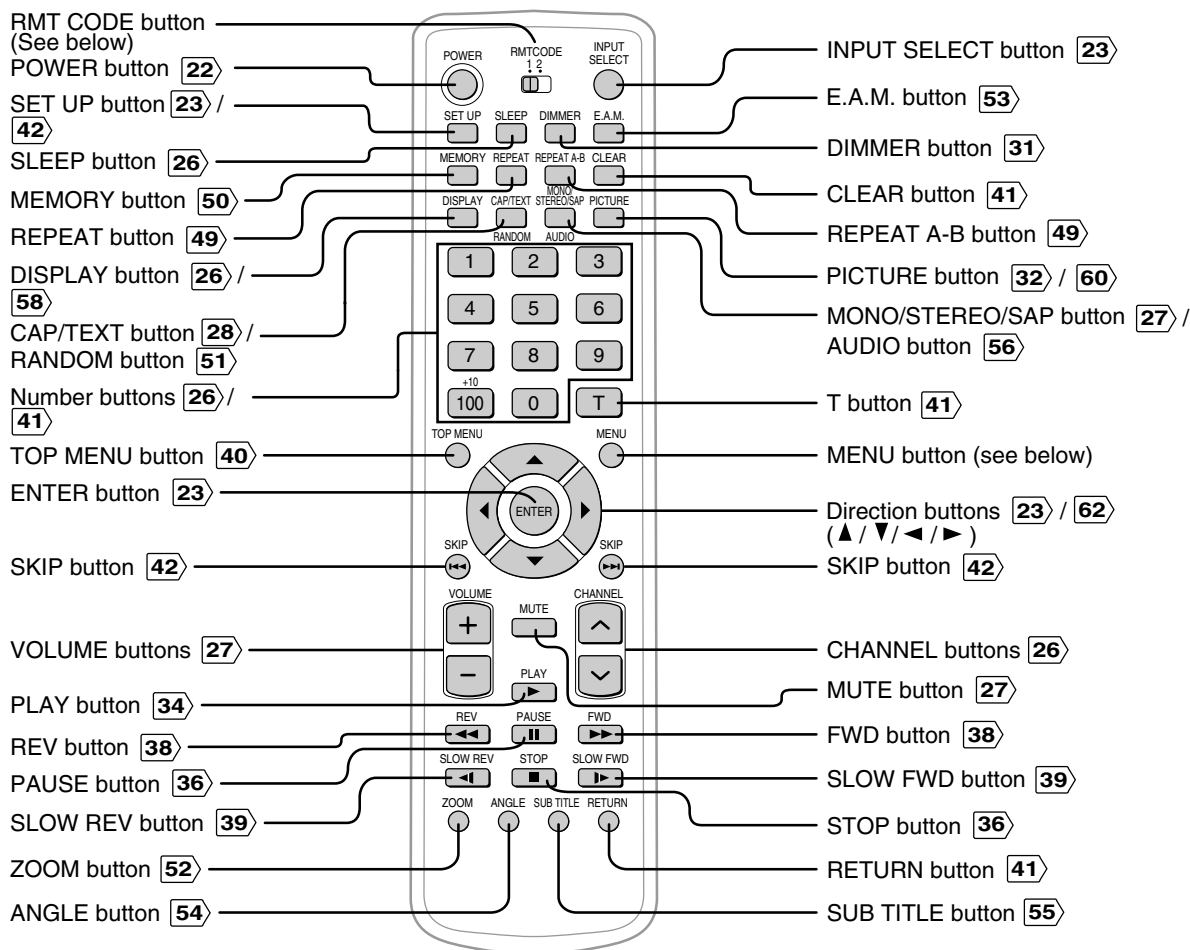
Rear view



Identification of Controls (continued)

The instructions in this manual describe the functions of the remote control. See the page in for details.

Remote control



RMT button

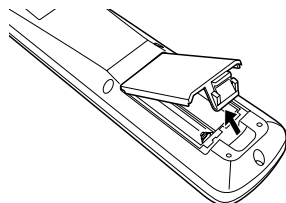
When you are using this remote control and there are other televisions in operation, set the RMT CODE to "2".

MENU button

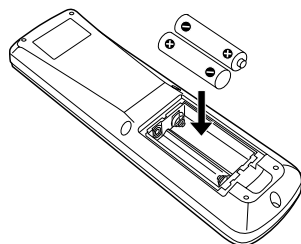
Use the MENU button to display the menu included on many DVD video discs. To operate a menu, follow the instructions in "Locating a title using the top menu." **40**

Loading the remote control battery

1 Open the cover.

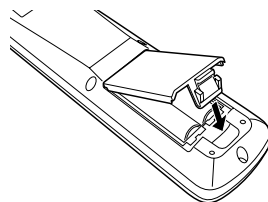


2 Insert batteries (R03 size)



Make sure to match the + and – on the batteries to the marks inside the battery compartment.

3 Close the cover.



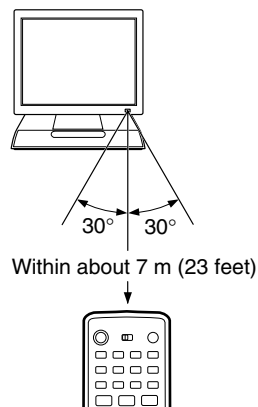
Notes on batteries

Improper use of batteries may cause battery leakage and corrosion. To operate the remote control correctly, follow the instructions below.

- Do not insert batteries into the remote control in the wrong direction.
- Do not charge, heat, open, or short-circuit the batteries. Do not throw batteries into a fire.
- Do not leave dead or exhausted batteries in the remote control.
- Do not use different types of batteries together, or mix old and new batteries.
- If you do not use the remote control for a long period of time, remove the batteries to avoid possible damage from battery corrosion.
- If the remote control does not function correctly or if the operating range is reduced, replace all batteries with new ones.
- If battery leakage occurs, wipe the battery liquid from the battery compartment, then insert new batteries.

Operating with the remote control

Point the remote control at the remote sensor on the unit and press the buttons.



Distance: About 7 m (23 feet) from the front of the remote sensor

Angle: About 30° in each direction of the front of the remote sensor

* Do not expose the remote sensor of the unit to a strong light source such as direct sunlight or other illumination. If you do so, you may not be able to operate the unit via the remote control.

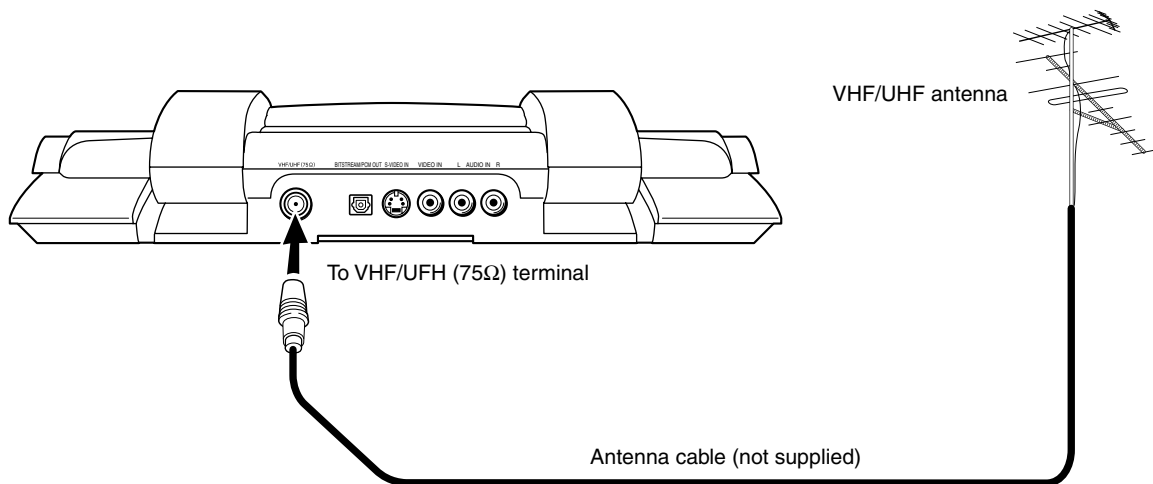
Notes on the remote control

- Aim the remote control at the remote sensor of the unit.
- Do not drop or give the remote control a shock.
- Do not leave the remote control near an extremely hot or humid place.
- Do not spill water or put anything wet on the remote control.
- Do not disassemble the remote control.

Antenna Connection

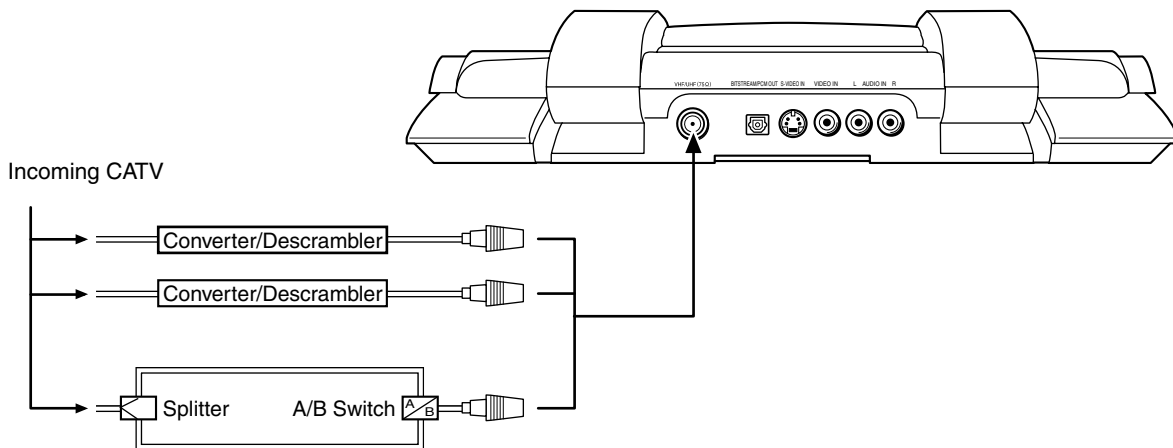
Connecting an antenna to this unit

Connect the antenna to this unit for viewing broadcast signals.



Connecting to cable TV signal

If you subscribe to a cable service in which basic cable channels are unscrambled and premium channels require the use of a Converter/Descrambler box, you may wish to use a two-set signal splitter (sometimes called a “two-set coupler”) and an A/B Switch box from the cable installer or an electronics supply store. Follow the connections shown below. With the switch in the “B” position, you can directly tune any unscrambled channels on your TV. With the switch in the “A” position, tune your TV to the output of the Converter/Descrambler box (usually channel 3 to 4) and use the box to tune scrambled channels.

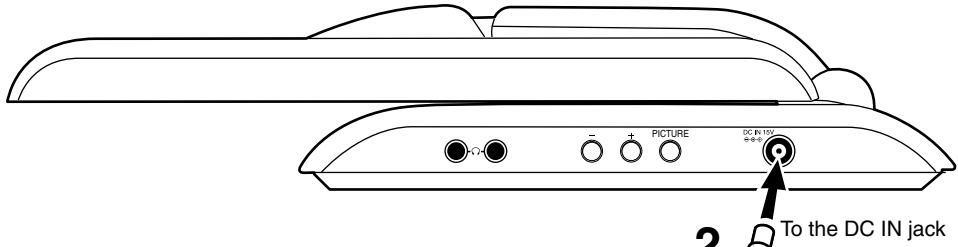


Power Connection

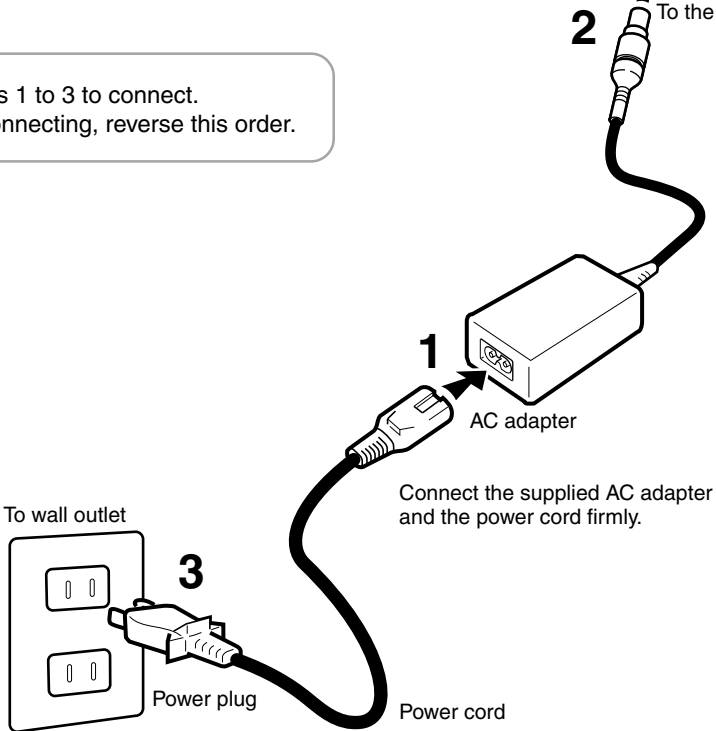
Connect the supplied AC adapter to power the unit.

Caution

- Do not connect the power plug to a power outlet other than that indicated on the label, as this can result in a risk of fire or electric shock.
- Do not connect or disconnect the power plug with wet hands. Doing so may cause electric shock.
- Do not use an AC adapter other than one specified, as it can cause a fire or damage to the unit.
- When the AC adapter is in use, its temperature may increase. However, it is not a malfunction. Make sure that the power cord is disconnected and the temperature decreases before carrying it.



Follow steps 1 to 3 to connect.
When disconnecting, reverse this order.

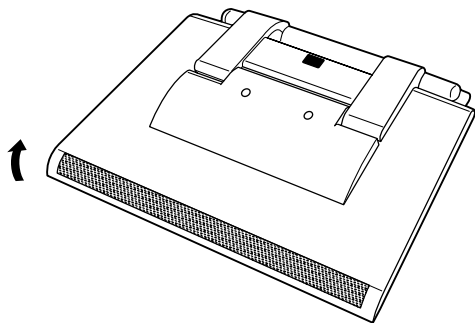


How to use the main unit

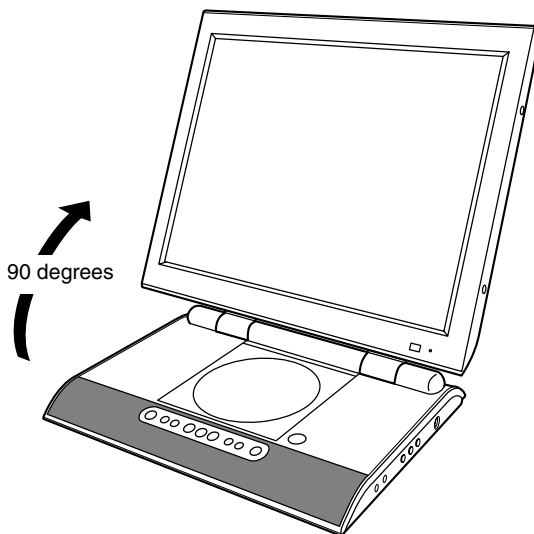
You can use the main unit in three ways.

Open the LCD monitor

1 Firmly press down on the main unit to setup the LCD monitor.

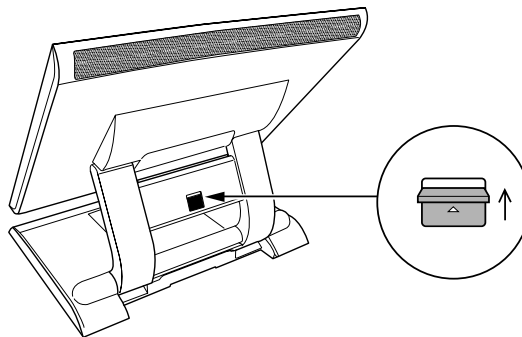


2 Open the LCD monitor.
If the LCD monitor is opened more than 90 degrees, the main unit may overturn, so be careful.

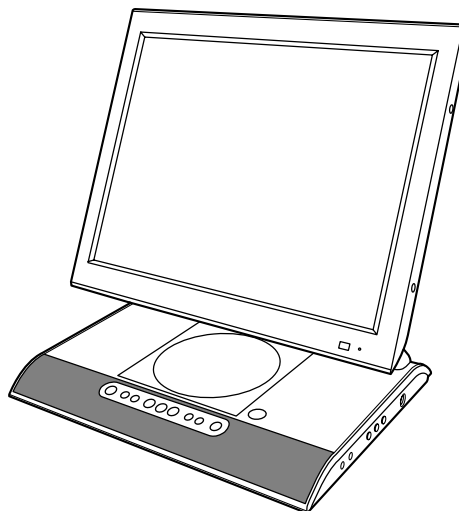


Adjusting the direction of the LCD monitor

1 Raise the switch located on the back of the LCD monitor.



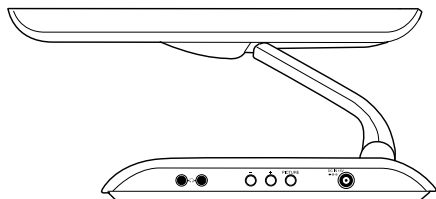
2 Push the LCD monitor forward.



How to use when hanging it on a wall

■ To remove a disc

Move the LCD monitor to the upward direction as shown below.



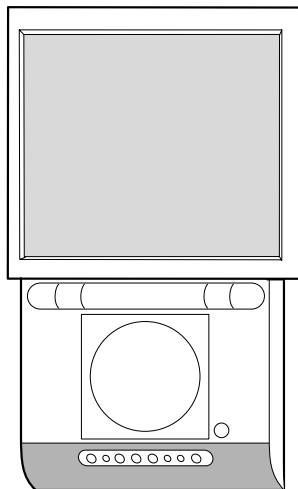
Open the disc cover.



Press OPEN on the main unit.
The disc cover opens.

- If the LCD monitor is not moved to the upward position and the disc cover is opened, the disc cover will hit against the LCD monitor and may break.

You can use the main unit with the LCD monitor bent back 180 degrees.



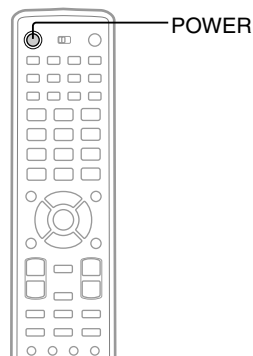
A professional will perform the wall installation. If you want to install the main unit this way, contact your local Toshiba sales department.



TV Viewing

- **Settings for watching TV**
- **Channel Setting**
- **Selecting the Channel**
- **Settings the Sound**
- **Closed caption function/
V-CHIP function**
- **Adjusting the Picture**

Settings for watching TV



Steps for watching TV

Antenna Connection 16



Power Connection 17



Selecting the TV mode 23



Selecting the Display Language 23



Channel setting 24



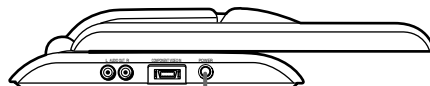
Watch TV

Turning on the power

Turn on the power.



Press the POWER button on the main unit.



POWER button

The unit turns on and the POWER indicator on the unit illuminates in green.

Turning on the power during standby



Press the POWER button on the remote control.

During standby, the POWER indicator lights up red.

Selecting the TV mode

The unit can switch between TV mode and DVD mode etc.

To watch TV, first switch to TV mode.

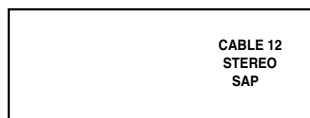


Press the INPUT SELECT button repeatedly to select the TV mode. (The AV SOURCE button on the main unit are also available.)

TV → DVD → COMPONENT → S-VIDEO → VIDEO

When switching to TV mode, a screen similar to the one below screen is displayed.

e.g.



■ To skip the external input mode

- 1 While selecting the external input mode ("COMPONENT", "S-VIDEO" or "VIDEO"), press **SETUP**.
 - 2 Press **▲ / ▼** to select the mode to skip, then press **ENTER**.
- You cannot skip all the modes at once.

Selecting the Display Language

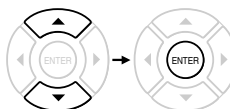
1 Press **SETUP**.



The following on-screen display appears.

```
LCD SETUP
▶ LANGUAGE : ENGLISH
CC MODE SETUP
V-CHIP SETUP
TV SETUP
TV/CABLE : TV
CH PROGRAM
ADD/ERASE : ADD
```

2 Press **▲ / ▼** to select **LANGUAGE**, then press **ENTER**.



3 Each time you press **ENTER**, the language changes.



4 Press **SETUP**.

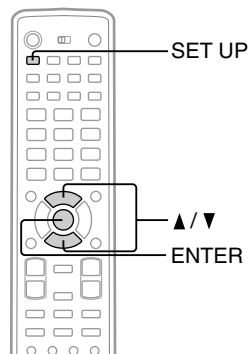


The on-screen display disappears.

Note

- This selection is valid also for some displays in DVD mode or the external input mode.

Channel Setting



Auto channel programming

1 Press SETUP.



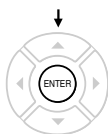
```

LCD SETUP
LANGUAGE : ENGLISH
CC MODE SETUP
V-CHIP SETUP
TV SETUP
TV/CABLE : TV
AUTO CH PROGRAM
MANUAL CH PROGRAM
  
```

2 Select the "TV/CABLE".



Press ▲ / ▼ to select TV/CABLE.

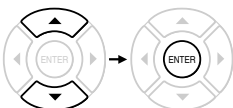


Each time you press ENTER, TV or CABLE changes.

TV: To store broadcast channels received via the antenna.

CABLE: To store channels received via cable.

3 Press ▲ / ▼ to select "CH PROGRAM", then press ENTER.



4 Press ▲ / ▼ to select "PROGRAM START", then press ENTER.

Channel setting starts.

```

AUTO CH PROGRAM
PROGRAM START
RETURN
STOP
----->----- CH06
  
```

- To return to the previous screen, select "RETURN" and press ENTER.
- To cancel the channel setting, select "STOP" and press ENTER.

5 Press SETUP.



The screen disappears.

Manual channel programming

1 Display the “LCD SETUP” menu, and set “TV/CABLE” to “TV” or “CABLE”. [24](#)

2 Press ▲/▼ to select “CH PROGRAM”, then press ENTER.

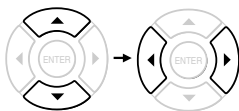


The following on-screen display appears.



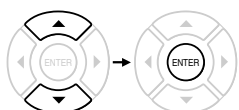
MANUAL CH PROGRAM	
CH	4
ADJUST ◀▶	
SKIP :	OFF
RESET	
RETURN	

3 Press ▲/▼ to select “CH”, then press ◀/▶ to select a channel you want to change.



To return to the previous menu, select “RETURN” then press ENTER.

4 After changing the channel, press ▲/▼ to select “SET”, then press ENTER.



The changed channel is memorized.

To cancel the change, select “RESET” then press ENTER.

5 Press SETUP.



The on-screen display disappears.

■ To fine tune the channel

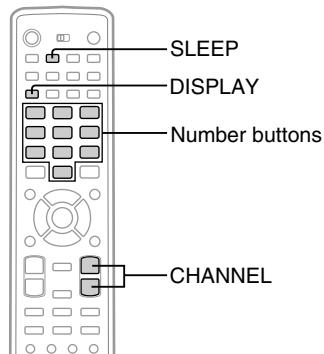
Press ▲/▼ to select “ADJUST” then press ◀/▶ to change the frequency.

■ To skip unnecessary channels

1 Press ▲/▼ to select “SKIP”.

2 Press **ENTER** to select “ON” or “OFF”.
 ON: Pressing CH UP/DOWN will skip this channel.
 OFF: Pressing CH UP/DOWN will select this channel.

Selecting the Channel

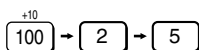


Selecting the channel

■ To select the channel

Press the number buttons.

e.g. Select 125 channel



■ To select to the next programmed channel

Press the CHANNEL \wedge / \vee on the main unit or remote control.

CHANNEL



CHANNEL



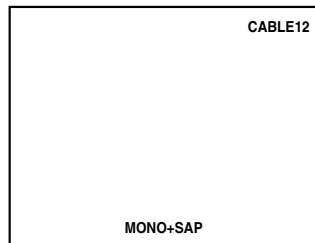
Changing the channel with CHANNEL \wedge / \vee , to select whether or not to skip the channel, see "To add or erase channels manually".

■ To check the status of the screen being broadcasted



Press DISPLAY. The status of the channel currently being broadcasted is displayed.

e.g.



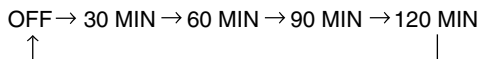
■ To set the sleep timer

You can set the TV so it turns off automatically.

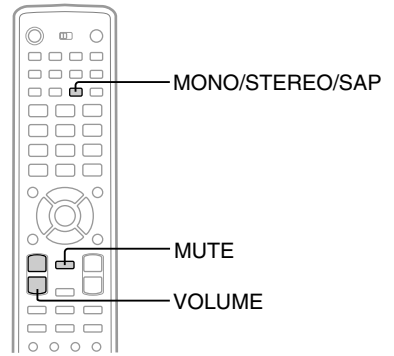


Each time you press the SLEEP button, the sleep timer changes.

The clock will count up 30 minutes.



Setting the Sound

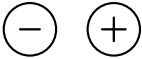


Settings the sound

■ To adjust the volume of the speakers or the connected headphones

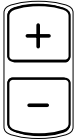
Turn volume control.

VOLUME +: Increase volume.



-: Decrease volume.

VOLUME



■ To mute the sound

Press **MUTE** to temporarily turn off the sound.

MUTE



- While the sound is off, the screen will display the word "MUTE" in the lower right-hand corner.
- To restore the sound, press **MUTE** again.

■ To select MONO/STEREO/SAP

You can enjoy watching TV while you listen to high-fidelity stereo sound with the Multi-channel TV Sound feature. Multi-channel TV Sound can also transmit a second audio program (SAP) containing a second language or other audio information.

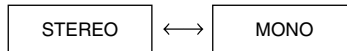
Press the **MONO/STEREO/SAP** button, to select the desired sound.



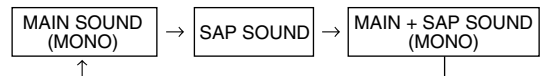
MONO broadcasting

Not changed.

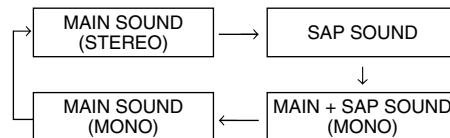
STEREO broadcasting



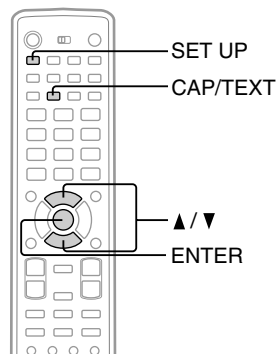
MONO+SAP broadcasting



STEREO+SAP broadcasting



Closed caption function/V-CHIP function



Closed caption function

You have two options with the closed caption feature (CC MODE): captions or text.

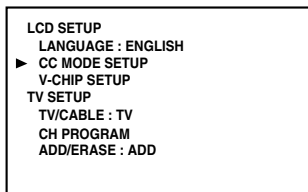
A caption is a printed version of the dialogue, narration and/or sound effects of a TV program. Text is information not related to the program that appears on half of the TV screen when available.

■ To set CC MODE

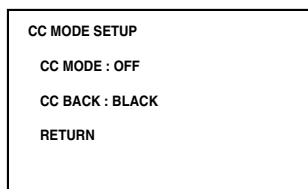
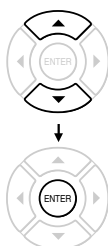
- 1 Press **SETUP**.



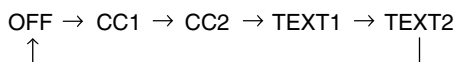
The following on-screen display appears.



- 2 Press **▲ / ▼** to select "CC MODE SETUP", then press **ENTER**.



- 3 Each time you press **ENTER**, the CC MODE changes as follows.



- You can also set with the **CAP/TEXT** button.



Each time you press the CAP/TEXT button, the CAP/TEXT mode changes as follows.

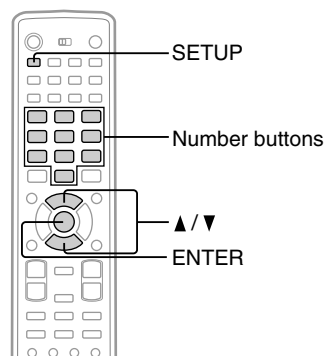
■ To set CC BACK

When you choose the "CC MODE", you can select back of the text.

- 1 In "CC MODE SETUP" press **▲ / ▼** and select "CC BACK".
- 2 Each time you press the **ENTER** button, the "CC Back" changes.

BLACK: The text screen appears as a block box.

LUCIDITY : Only characters are displayed on the screen.

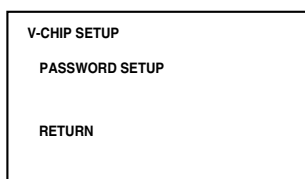


V-CHIP SETUP

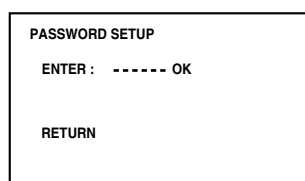
The V-CHIP function is available only for the U.S. V-CHIP system. The Canadian V-CHIP system is not supported. You can prevent others from viewing certain programs or channels by blocking them using or channels by blocking them using the V-CHIP feature.

■ PASSWORD SETUP

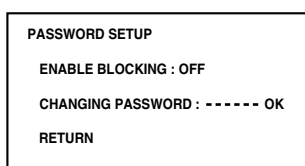
- 1 Press ▲ / ▼ to select PASSWORD SETUP, then press **ENTER**.



- 2 Press the number buttons to create a personal 6-digit password.



- 3 When you want to change your 6-digit password press ▲ / ▼ to select CHANGING PASSWORD, then press the number buttons to create a new 6-digit password.



The Motion Picture Association of America (MPAA) uses a rating system to quality motion picture content. Television broadcasters employ a rating system to qualify the content of television programs as well. The MPAA, YOUTH TV and TV ratings work with the V-CHIP feature and allow you to block out programming above the rating limits you determine.

MPAA Ratings

X	For adults only.
NC17	Not intended for anyone 17 or under.
R	Restricted. Under 17 requires an accompanying parent or adult guardian.
PG13	Parents strongly cautioned. Some material may be inappropriate for children under 13.
PG	Parental guidance suggested. Some material may not be appropriate for children.
G	General audience. Appropriate for all ages.

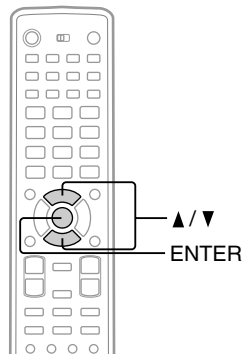
Youth TV Ratings

Y7FV, Y7, Y	Directed to older children. This program is designed for children age 7 and above. Programs in which fantasy violence may be more intense or combative than other programs in this category are designated TV-Y7-FV.
Y	All children. This program is designed to be appropriate for all children.

TV Ratings

MA	Mature audience only. This program is specifically designed to be viewed by adults and therefore may be unsuitable for children under 17. Language Crude or indecent language. Sex Explicit sexual activity. Violence Graphic violence.
14	Parents strongly cautioned. This program contains some material that many parents would find unsuitable for children under 14 years of age. Dialog Intensely suggestive dialog. Language Strong, coarse language. Sex Intense sexual situations. Violence Intense violence.
PG	Parental guidance suggested. This program contains material that parents may find unsuitable for younger children. Dialog Some suggestive dialog. Language Infrequent coarse language. Sex Some sexual situations. Violence Moderate violence.
G	General audience. Most parents would find this program suitable for all ages.
No DLSV	Programs without any Dialog, Language, Sex or Violence ratings.

Closed caption function/V-CHIP function (continued)



V-CHIP SETUP

■ To set ENABLE BLOCKING

- 1 Enter V-CHIP SETUP and enter a password.
- 2 Press ▲ / ▼ to select "ENABLE BLOCKING".

```

PASSWORD SETUP
ENABLE BLOCKING : ON
CHANGE PASSWORD : ----- OK
RETURN
  
```

- 3 Press **ENTER** to select "ON" or "OFF".

ON: To activate the "ENABLE BLOCKING" feature or changing the setting.

OFF: The "ENABLE BLOCKING" feature does not function.

■ To set TV RATING

- 1 Press ▲ / ▼ to select the "TV RATING", then press **ENTER**.

```

V-CHIP SETUP
PASSWORD SETUP
TV RATING
MPAA RATING
MPAA UNRATED : OFF
TV NONE RATING : OFF
RETURN
  
```

- 2 Press ▲ / ▼ to select the setting you want to change, then press **ENTER**.

```

TV RATING
YOUTH : Y7FV Y Y7 YX
        MA 14 PG G
DIALOG X X X
LANGUAGE X X X
SEX X X X
VIOLENCE X X X
NO DLSV X X X X
RETURN
  
```

■ MPAA RATING

- 1 Press ▲ / ▼ to select the "MPAA RATING", then press **ENTER**.

```
V-CHIP SETUP
PASSWORD SETUP
TV RATING
MPAA RATING
MPAA UNRATED : OFF
TV NONE RATING : OFF

RETURN
```

- 2 Press ▲ / ▼ to select the setting you want to change, then press **ENTER**.

```
SET RATING
MPAA : X NC17 R PG13 PG G
      X X X X X X
```

■ MPAA UNRATED

Some movies are not rated. You can block these movies using the V-CHIP.

- 1 Press ▲ / ▼ to select the "MPAA UNRATED".
- 2 Press **ENTER** repeatedly to select "ON" or "OFF".

ON: To block unrated movies.

OFF: To unblock unrated movies.

■ TV NONE RATING

Some programs are not rated. You can block these programs using the V-CHIP.

- 1 Press ▲ / ▼ to select the "TV NONE RATING".
- 2 Press **ENTER** repeatedly to select "ON" or "OFF".

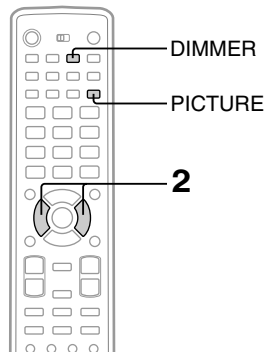
ON: To block program with a rating of TV NONE.

OFF: To unblock program with a rating of TV NONE.

When you select "ON", the message "NOTICE! ENABLE THIS OPTION MAY BLOCK EMERGENCY MESSAGES" appear.

Adjusting the Picture

You can easily select a preferred picture.



DVD-V VCD CD Adjusting the picture

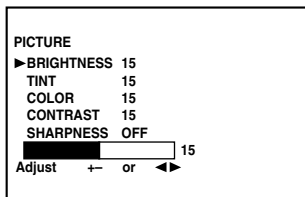
1 Press PICTURE. Alternatively press PICTURE on the main unit.

PICTURE



The picture setting display appears.

PICTURE



■ To set the screen brightness

The screen brightness can be switched from 4 levels.

DIMMER



Press the **DIMMER** button repeatedly.

2 Press </> or +/- to adjust the value.



BRIGHTNESS : 0 (Darker) to 30 (Brighter)
 TINT : 0 (Reddish) to 30 (Greenish)
 COLOR : 0 (Paler) to 30 (Deeper)
 CONTRAST : 0 (Lower) to 30 (Higher)
 SHARPNESS : ON or OFF

Basic playback

Begin your operation.



- **Playing a Disc**
- **Variable Speed Playback**
- **Locating a Specific Title, Chapter, or Track**
- **Playing MP3/WMA Files**
- **Viewing JPEG Files**

About this manual

- The numbers indicated by lines on the illustrations correspond to the associated steps of the operation.
- Aside from the section "Playing a Disc", explanations of operations only include illustrations of the corresponding buttons on the remote control. The buttons sharing the same name on the main unit can also be used in an identical manner.

Playing a Disc

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

 indicates a reference page of this manual.
See the page in  for details.

CAUTION

- Keep your fingers clear of the disc as it is spinning. Neglecting to may cause serious personal injury.
- Be careful not to catch your fingers in the disc holder.
- Do not use a cracked, deformed, or repaired disc.
- Do not tilt, shake or move the main unit while playing. It may damage the disc.

DVD-V VCD CD Basic playback

■ Changing to the DVD mode

The LCD TV/DVD combination can be switched to TV mode, DVD mode etc. and used.

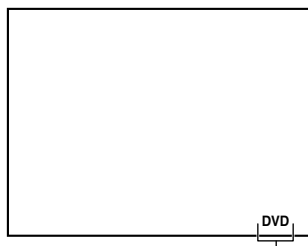
To play back a DVD video disc, VIDEO CD or AUDIO CD, switch to the DVD mode.



Press the **INPUT SELECT** button repeatedly to select the DVD mode.

TV → DVD → COMPONENT → S-VIDEO → VIDEO
↑

When you switch to the DVD mode, a screen similar to the following screen is displayed.

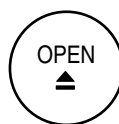


Shows that it is in the DVD mode

- By pressing the PLAY button, you can also switch to the DVD mode.

- For information on how to open the LCD monitor and how to remove a disc, see page [19](#).

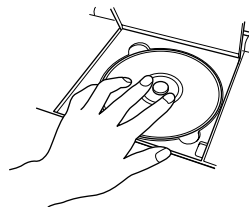
1 Open the disc cover.



Press OPEN on the main unit. The disc cover opens.

The disc cover will not open over a certain range. Do not force the cover open further, as it may cause damage to the unit.

2 Set a disc.



Place a disc with the playback side down, and push gently on the center of the disc to affix it to the spindle.

3 Close the disc cover.

Press CLOSE on the right corner.

4 Start playback.

PLAY/PAUSE

Press PLAY.

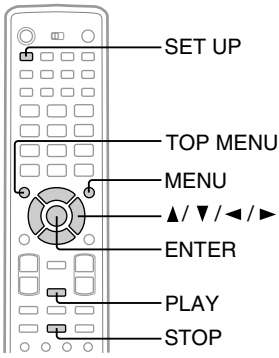


PLAY



If you select a DVD video disc that contains a top menu, or select a PBC (Playback Control)-featured VIDEO CD ([9](#)), a menu may appear. See "Locating a title using the top menu". [40](#)

- You may need to press the TOP MENU or MENU button to display the disc menu (depending on the actual DVD video disc.)



■ **To obtain a higher quality picture (When connected to a TV)**

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

■ **About DVD-V VCD CD**

The DVD-V VCD CD icons on the heading bar show the playable discs relevant to the function described under each heading.

DVD-V : DVD video discs.

VCD : VIDEO CDs.

CD : Audio CDs.

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

Press **PLAY**.

PLAY/PAUSE



Notes

- Do not put an unplayable disc or any objects other than discs in the disc holder.
- 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 the STOP button once the movie is completed.

CAUTION

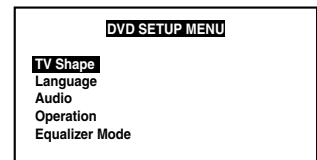
Never operate the unit in a moving vehicle. Vibration may prevent proper playback of the unit or cause damage to the disc.

■ **To change an on-screen language.**

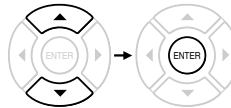
1 Press **SETUP**.



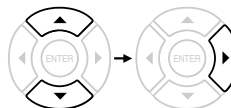
The following on-screen display appears.



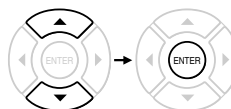
2 Press **▲/▼** to select "Language", then press **ENTER**.



3 Press **▲/▼** to select "On-screen", then press **▶**.



4 Select a language using **▲/▼**, then press **ENTER**.

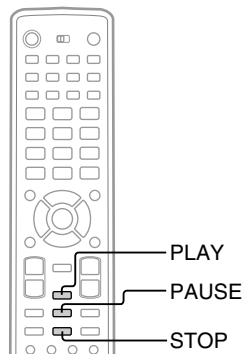


5 Press **SETUP**.

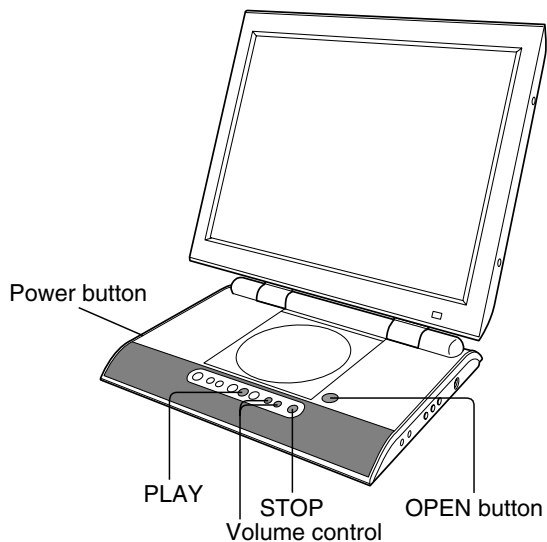


The on-screen display disappears.

Playing a Disc (continued)



Basic playback (continued)



■ To adjust the volume of the speakers or the connected headphones

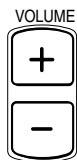
Turn volume control.

VOLUME

+ : Increase volume.



- : Decrease volume.



■ To pause playback (still mode)

Press **PAUSE/STEP** during playback.

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



• Sound is muted during still mode.



■ To stop playback

Press **STOP**.

STOP



The unit memorizes the location where playback is stopped. To clear the memory, press the STOP button once again. [39](#)

STOP



■ To turn off the power

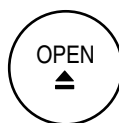
Slide the power switch to "OFF".

POWER



■ To remove the disc

Press the **OPEN** button on the main unit to open the disc cover.



Remove the disc from under the rim while gently pressing down on its center. Close the disc cover after removing the disc.

CAUTION

Do not touch the spindle immediately after prolonged play, as it may have become hot. Be careful in loading/removing a disc.

■ About the screen saver

If you pause a picture of a DVD video disc and leave it still for approximately 20 minutes, the screen saver of the unit automatically appears (when "Screen Saver" is set to "On" **67**). To turn off the screen saver, press any button on the main unit or remote control.

■ Automatic LCD Off function

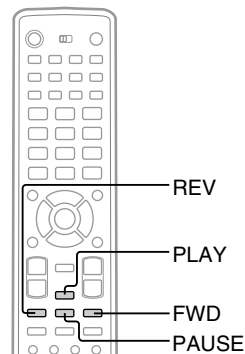
If the unit is stopped or the screen saver is engaged for approximately 20 minutes, the LCD power automatically turned off. To turn on the LCD monitor, press any button on the main unit or remote control.

■ About the LCD

- The color LCD is manufactured using extremely high precision technology, but even so may include certain pixels that do not operate properly (that do not light, that remain lit constantly, etc.). We do our best to keep the number of these defective pixels to a minimum, but please understand that they cannot be completely eliminated even with the most advanced manufacturing technologies available today.
- The fluorescent tube which illuminates the panel from the inside will deteriorate with use. (The standard life length is about 10,000 hours of continuous use at normal temperature. This is referential information only and is not warranted.) When the LCD becomes dim, flickers, or does not illuminate, contact your dealer for replacement.
- The brightness of the LCD monitor differs slightly depending on the viewing angles. Adjust the LCD monitor angle to obtain the best viewing. (The recommended viewing angle is 90 degrees to the monitor.)

Variable Speed Playback

You can play discs at various speeds, and resume playback from the location where you stopped playback.



DVD-V VCD CD Playing in fast reverse or fast forward directions

Press REV or FWD on the remote control during playback.



REV: Fast reverse playback
FWD: Fast forward playback



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

Press and hold SKIP (◀◀ / ▶▶) on the main unit during playback.



Fast forward playback

Fast reverse playback

During the fast forward or fast reverse playback, you can vary the speed by holding down the button.

■ To resume normal playback

Press PLAY.



Notes

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

DVD-V VCD CD Playing frame by frame

Press PAUSE/STEP during still playback.



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

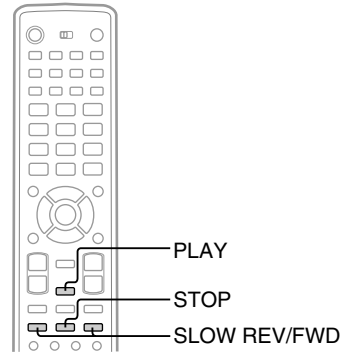
■ To resume normal playback

Press PLAY.



Note

The sound is muted during frame by frame playback.



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

Press SLOW.

SLOW FWD



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

SLOW REV



If you press the SLOW REV ◀ button during playback, you can view the picture in reverse slow-motion. (Only when using a DVD video disc.)

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

■ **To resume normal playback**

Press **PLAY**.

PLAY



Notes

- The sound is muted during slow-motion playback.
- The playback speed may differ depending on the disc.

DVD-V **VCD** **CD** **Resuming playback from the stopped location**

1 Press STOP at the location where you want to interrupt playback.



The unit memorizes the location where playback is stopped.

■ **To start playback from the beginning regardless of the location where you stopped playback**

1 Press **STOP** twice.



The unit's memory is cleared.

2 Press PLAY.



The unit resumes playback from the location where you stopped playback.

2 Press **PLAY**.



DVD-V

Playback starts from the beginning of the titles.

VCD

Playback starts from the beginning of the disc.

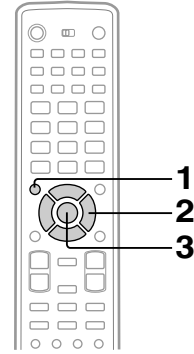
CD

- If you want to return to the beginning of a DVD video disc, turn the power off and on and then start playback.

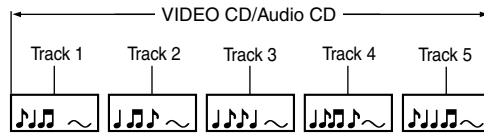
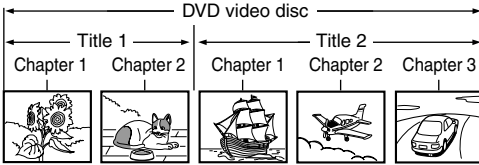
Notes

- The unit's memory is also cleared when:
 - you use a PBC-featured VIDEO CD while “PBC” is set to “On” [67].
- There may be a difference in the location where playback resumes depending on the disc.

Locating a Specific Title, Chapter, or Track



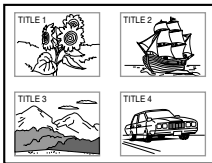
Normally, DVD video discs are divided into titles, and the titles are sub-divided into chapters. Contents of VIDEO CDs and audio CDs are divided into tracks. You can quickly locate any specific title, chapter, or track.



DVD-V
VCD CD

Locating a title using the top menu

1 Press TOP MENU.
TOP MENU The top menu appears.
e.g.



2 Press ▲/▼/◀/▶ to select the title you want.



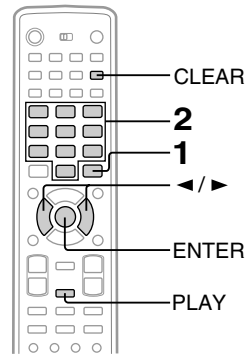
If the titles in the top menu are assigned a number, you can directly locate a specific title by pressing its designated number with the number buttons.

3 Press ENTER.
Playback starts from chapter 1 of the selected title.



Notes

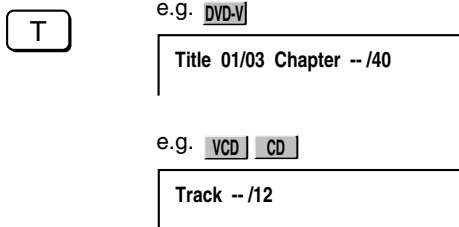
- The instructions above describe basic procedures which may vary depending on the contents of the DVD video disc. If different instructions appear on the screen, follow those instructions.
- If you display the top menu during playback and press the TOP MENU button again without selecting any title, the unit may resume playback from the point where you first pressed the TOP MENU button (depending on the actual DVD video disc.)
- This method of locating a title is available only on a disc that contains a top menu.
- Instruction notes of discs may refer to the button that displays the top menu as TITLE button.



DVD-V
VCD **CD** **Locating a desired section by entering its corresponding number**

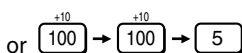
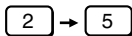
1 Press T several times.

The display changes each time this button is pressed. If you want to locate a title, chapter or track, display "Title," "Chapter," or "Track" respectively. You can also enter the time counter of the desired location. **[48]**



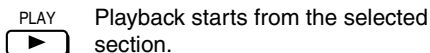
2 Press the number buttons to enter a number of the section.

e.g. To enter 25



Playback starts from the selected section.
With a DVD video disc, you can use **</>** to select either title or chapter for entry.

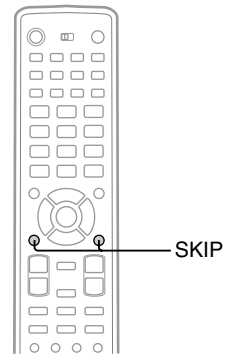
3 Press PLAY or ENTER.



Notes

- Pressing the CLEAR button resets the numbers.
- This location display will disappear in a few seconds if no further operation is made.
- This method of locating a title is available only on a disc that contains title numbers.
- You can also use an on-screen display to change a title, chapter or track. **[58]**

Locating a Specific Title, Chapter, or Track (continued)



DVD-V
VCD CD

Locating a specific chapter or track

Press SKIP (◀◀/▶▶) repeatedly to locate the chapter or track you want.

Playback starts from the selected chapter or track.

SKIP To locate succeeding chapters or tracks.

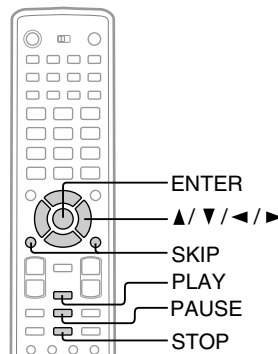


SKIP Playback starts from the beginning of the current chapter or track.
When you press twice, playback starts from the beginning of the preceding chapter or track.



Playing MP3/WMA Files

You can play MP3/WMA files on this unit.



Playing MP3/WMA files

■ Playable files

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

- Playable discs: CD-ROM, CD-R, CD-RW
- Sampling Frequency: 32 kHz, 44.1 kHz, 48 kHz
- Bit rate: WMA: 48 kbps - 192 kbps(CBR)
MP3: 32 kbps - 320 kbps (CBR)
- CD physical format: Mode 1
- File system: ISO9660, UDF without interleave
- File name: File names are limited to eight characters or less and must incorporate "MP3" or "WMA" extension.
e.g. "*****.MP3", "*****.WMA"
File names cannot contain special characters such as "?!><+*}{ [@] ; \ / . , " etc.
Less than 50 bytes
- Total number of files: Less than 650
- WMA codec version: V2, V7, V8, V9 (Stereo sound only)

1 Set a CD that contains MP3/WMA files and close the disc cover.

A menu appears.

2 Press ▲/▼/◀/▶ to select a file name you want to play.



3 Press PLAY or ENTER.



Playback starts.

Notes

- Some discs may not permit this operation.
- WMA tracks copy-protected cannot be played.
- The BITSTREAM/PCM jack outputs MP3/WMA sounds in the linear PCM format regardless of the current "Audio Out Select" selection. **65**
- If you stop playback by pressing the STOP button, and then press the PLAY button, playback will start from the beginning of the track.
- The SKIP, REPEAT and RANDOM functions are also available.

This unit requires discs/recordings to meet certain technical standards in order to achieve optimal playback quality. Pre-recorded DVDs are automatically set to these standards. There are many different types of recordable disc formats (including CD-R containing MP3/WMA files). Given the fact that technology in this area is still maturing, Toshiba cannot guarantee that all genre of recordable discs will produce optimal playback quality. The technical criteria set out in this owner's manual are meant as a guide only.

Customers should also note that permission is required in order to download MP3 files and music from the internet. Toshiba has no right to grant such permission. Permission should always be sought from the copyright owner.

■ To stop the playback

Press **STOP**.



■ To pause playback

Press **PAUSE/STEP** during playback.



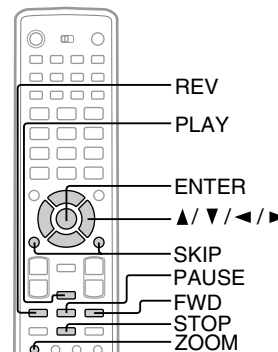
To resume normal playback, press the **PLAY** button.

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Viewing JPEG Files

You can play JPEG files that have been recorded on a CD-R on this unit.



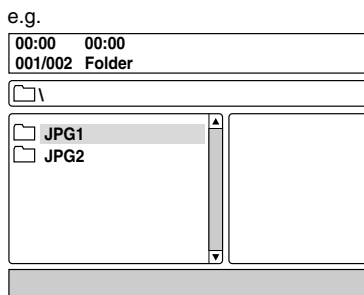
Viewing JPEG Files

■ Preparation

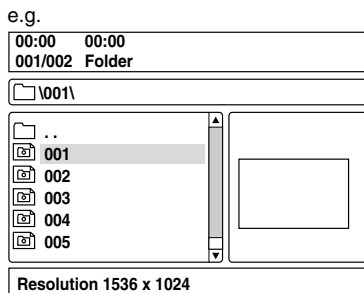
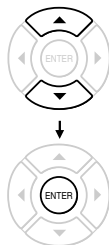
Prepare a disc that contains JPEG files you want to view .

1 Set a disc contains JPEG files and close the disc cover.

A menu appears.
If you insert a KODAK Picture CD, automatically starts the slide show. With a KODAK Picture CD, the menu is not displayed. (See the next page.)



2 Press ▲/▼ to select a folder, then press ENTER.



3 Press ▲/▼ to select a file.



4 Press PLAY or ENTER.



A slide show begins from the selected picture. Upon reaching the end, it will be back to the top menu.



■ To stop the slide show

Press **STOP**.



Thumbnail mode (9-picture display) will be entered.

■ To pause the slide show

Press **PAUSE/STEP** during playback.



To resume the slide show, press the **PLAY** button.

■ To switch pictures

Press **SKIP** () during playback.



: Switch to the previous picture



: Switch to the next picture

Notes

- You may not be able to load a JPEG file exceeding 2MB.
- If you press the MENU button when no menu is displayed, a menu is displayed.

■ To rotate a picture

Press ▲/▼/◀/▶ during playback.



- ▲: A picture is vertically reversed.
- ▼: A picture is horizontally reversed.
- ◀: Rotate counterclockwise (by 90°).
- ▶: Rotate clockwise (by 90°).

■ To zoom in a picture

1 Press **ZOOM** during playback.



You will enter the zoom mode.

2 Press **FWD** or **REV**.



FWD: Magnification
REV: Image reduction



Each time you press the FWD or REV button, the magnification level changes.

If you press ▲/▼/◀/▶ in the zoom in mode, the zoom point will be shifted.
Pressing the ZOOM button again exits the zoom mode.

■ To play in random order



Press **RANDOM**.

Random : Plays the files in the selected folder in random order.

■ To play in repeatedly



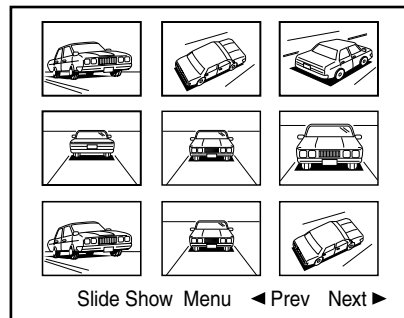
Each time you press the REPEAT button, the repeat mode changes as follows.

Repeat File : Plays a selected file repeatedly.

Repeat Folder : Plays the files in the selected folder repeatedly.

■ Thumbnail mode

e.g.



Press **PLAY**.

A slide show begins from the selected picture.
A picture is selected by pressing ▲/▼/◀/▶.

Select [Slide Show] and press **ENTER** or **PLAY**.
A slide show will begin again.

Select [Menu] and press **ENTER** or **PLAY**.
A list of functions keys (buttons) at the time of JPEG files playback will be displayed.

Select [◀ Prev] and press **ENTER** or **PLAY**.
The previous nine pictures will be displayed.

Select [Next ▶] and press **ENTER** or **PLAY**.
The next nine pictures will be displayed.

Press **STOP**.
The menu mode will be entered.

■ To play a Kodak Picture CD

Insert a Kodak Picture CD.
Automatically starts the slide show.

Upon reaching the end, it will enter the thumbnail mode.
Pressing the STOP button will enter the thumbnail mode.

Viewing JPEG Files (continued)

JPEG files compatibility

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

Kodak Picture CD

JPEG disc compatibility with this unit is limited as follows:

- Playable discs: CD-ROM, CD-R, CD-RW
- File system: ISO9660, UDF without interleave
- File name: File names are limited to eight characters or less and must incorporate "JPG" extension.
e.g. "*****.JPG"
File names cannot contain special characters such as "?!><+*}{[@];\ /.," etc.
- File size: Less than 10M bytes
- File format: BASELINE, PROGRESSIVE
- Resolution: Baseline JPG: 3072x2048
Progressive JPG: width *(height + 128) < 3300000
Files with size < 20M bytes are tested.

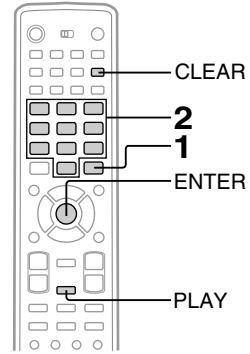
Advanced playback

Customizing the performance of your unit.

- **Directly Accessing a Specific Location**
- **Repeat Play**
- **Playing in a Favorite Order**
- **Playing in Random Order**
- **Zooming a Picture**
- **Selecting the Sound Enhancement (E.A.M.)**
- **Selecting a Camera Angle**
- **Selecting Subtitles**
- **Selecting a Language**
- **Operating in the On-screen Display Mode**
- **Adjusting the Picture**

Directly Accessing a Specific Location

You can access a specific location by entering its corresponding time (hours, minutes, seconds).



DVD-V VCD CD Entering the time counter of the desired location

1 Press T several times.

The display changes each time this button is pressed. With DVD video disc, press this button until "Time" is displayed. With Video CD/audio CD, press this button until "Disc goto" or "Track goto" is displayed.



e.g. DVD-V

Title 01/03 Time --:--

Chapter 01/40 Time --:--

e.g. VCD CD

Disc goto :-:--

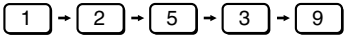
Track goto :-:--

Notes

- Pressing the CLEAR button resets the numbers.
- This location display will disappear in a few seconds if no further operation is made.
- Some discs may not respond to this process.
- Some scenes may not be located precisely as you specified.

2 Press the number buttons to enter the time.

e.g.



Title 01/03 Time 1:25:30

Playback starts from the desired location.

3 Press PLAY or ENTER.

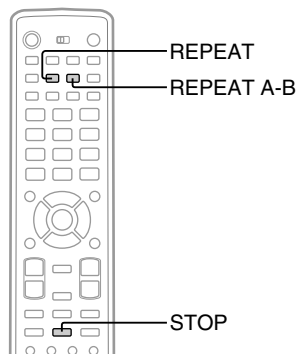
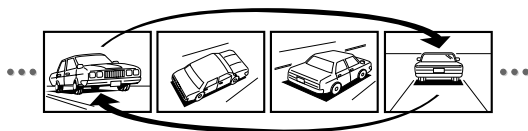


Playback starts from the selected section.



Repeat Play

You can play a specific title, chapter, track, or segment repeatedly. (Title repeat, chapter/track repeat, A-B repeat)

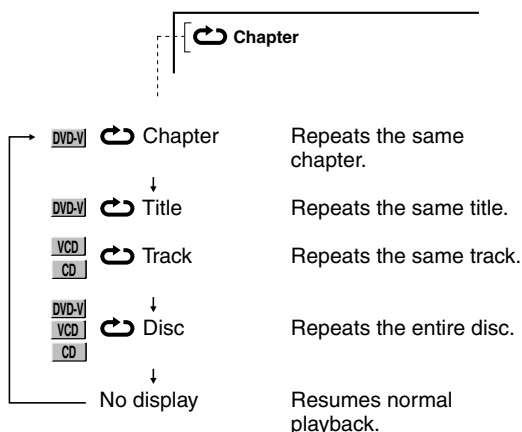


DVD-V VCD CD Repeating a title, chapter, or track

Press REPEAT.



Each time you press the REPEAT button, the repeat mode changes as follows.



To resume normal playback

Press **REPEAT** repeatedly until the repeat icon disappear.



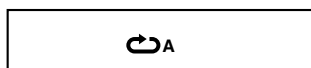
You can also use **STOP** to exit repeat playback.

Notes

- Some discs may not permit repeat operation.
- You can also use an on-screen display to perform a repeat playback. [58](#)

DVD-V VCD CD Repeating a specific segment

1 Press A-B RPT at the beginning of the segment (point A) you want to play repeatedly.



2 Press A-B RPT again at the end of the segment (point B).



The unit automatically returns to point A and starts repeat playback of the selected segment (A-B).



To resume normal playback

Press **A-B RPT** again.



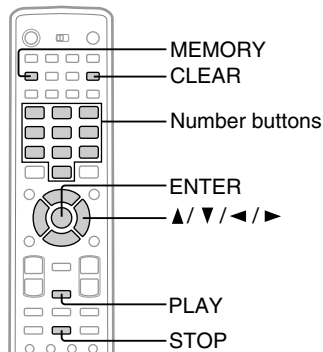
You can also use **STOP** to exit A-B repeat function.

Notes

- Some discs may not permit A-B repeat operation.
- You can specify a segment only within the current title or track.
- You cannot set the A-B repeat function for a segment that includes multiple camera angles [54](#).
- There may be a slight difference between point A and the location where playback actually resumes depending on the disc.

Playing in a Favorite Order

You can combine your favorite titles, chapters, or tracks and play them in the order you determine. You can program up to 20 selections into the memory. (Memory playback)



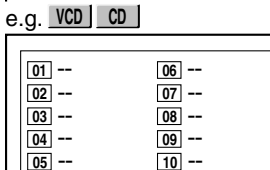
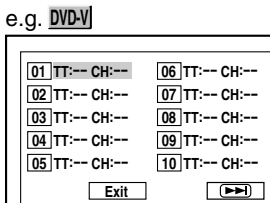
DVD-V VCD CD Setting titles, chapters, or tracks in a favorite order

1 Press MEMORY during stop.

MEMORY The programming display appears.



TT: Title number
CH: Chapter number



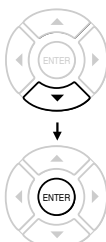
2 Enter the number in the order wish to playback, then press ENTER.

Pressing the ENTER button causes the highlight to move to the next item.

Pressing ►► will allow you to access the next programming display.

3 Select "Start" using ▼ and press ENTER or PLAY.

The unit starts memory playback.



■ To change the programmed selections

- 1 While the display appears on the screen, press ▲/▼/◀/▶ to move the highlighted bar to the item you want to change.
- 2 Change the selection following the instructions in step 2.

■ To cancel the programmed selections

- 1 While the display appears on the screen, press ▲/▼/◀/▶ to move the highlighted bar to the item you want to cancel.
- 2 Press CLEAR.

■ To resume normal playback from memory playback

- 1 Press MEMORY to display the programming display.
- 2 Since "Stop" is selected, press ENTER.

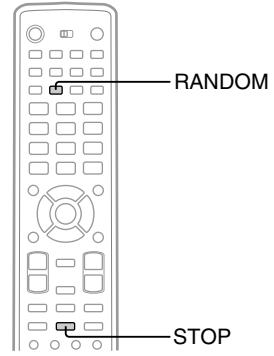
You can also exit memory playback by pressing STOP.

Notes

- Pressing the CLEAR button resets the numbers.
- Some discs may not permit memory playback operation.
- When the display appears on the screen, either selecting "Exit" and pressing the ENTER button or pressing the MEMORY button causes the display to be disappeared.
- The programmed selections will be cleared when you turn off the unit.

Playing in Random Order

You can play chapters or tracks in random order.
(Random playback)

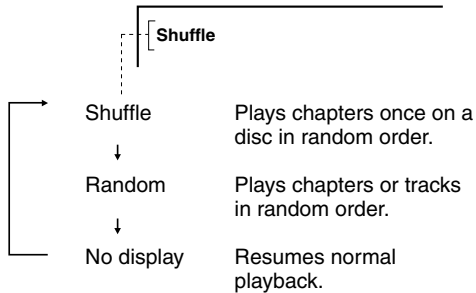


DVD-V VCD CD Playing chapters or tracks in random order

Press RANDOM.



Each time you press the RANDOM button, the random mode changes as follows.



If you press the RANDOM button during playback, the unit automatically starts random playback after finishing the current chapter or track.

■ To resume normal playback

Press **RANDOM** repeatedly until the random display disappear.



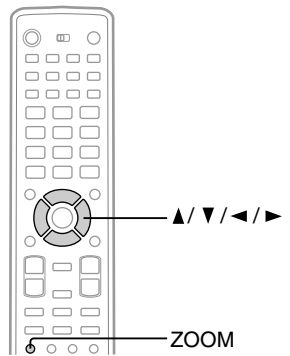
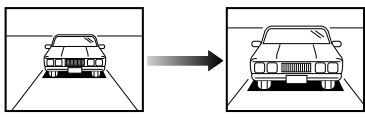
You can also exit random playback by pressing **STOP**.

Note

Some discs may not permit random playback operation.


Zooming a Picture

You can magnify areas within a picture.



DVD-V VCD CD **Zooming a picture**

1 During normal, slow, still, fast reverse or fast forward playback, press ZOOM.

ZOOM  The unit enters the zoom playback mode, and the zoom icon appears.

e.g.



2 Select the zoom point and magnification level.

Magnification level

You can select from the following.

- Magnification
- Image reduction
- Normal playback

ZOOM  Press the **ZOOM** button repeatedly.

Zoom point

To shift:



Press **▲ / ▼ / ◀ / ▶** in the zoom in mode.

■ To exit zoom playback

Press **ZOOM** repeatedly until the zoom icon disappears.



You can also use **STOP** to exit zoom playback.

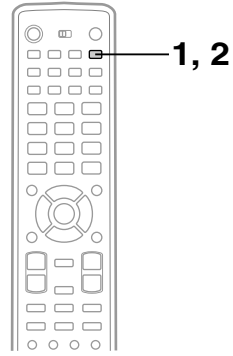
Notes

- Some discs may not respond to zoom feature.
- During some scenes, the buttons may not work as described.
- Zooming does not work on characters selected on menus.

Selecting the Sound Enhancement (E.A.M.*)

You can easily select a preferred audio enhancement.

*E.A.M.: Enhanced Audio Mode



DVD-V VCD CD Selecting the sound enhancement

1 Press E.A.M.



The sound enhancement menu appears.

E.A.M. : Normal

2 Select the sound enhancement by pressing E.A.M.



Each time you press the button, the sound enhancement changes.

Normal: Normal sound.

3D: To obtain expansive virtual surround sound effects from just two speakers.

3D (Headphone): To obtain expansive virtual surround sound effects when using headphone.

Dialog: To control critical center channel information to make dialogue more intelligible (only when playing a DVD video disc recorded on the Dolby Digital recording system).

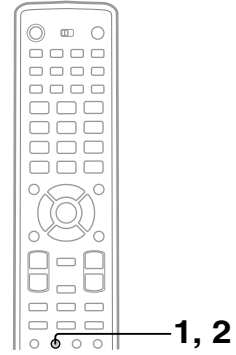
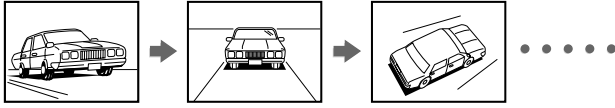
- To use this enhancement on sounds output from the BITSTREAM/PCM jack, be sure to set "Audio Out Select" to "PCM." **65**

Notes

- Actual effects to sounds may vary depending on the speaker system. Make the selection to your preference.
- Actual effects to sounds may vary depending on the disc.
- When the unit is connected to an amplifier equipped with Dolby Surround Pro Logic, select "Normal". Otherwise, Dolby Surround Pro Logic may function differently than usual.

Selecting a Camera Angle

If a scene was recorded with multiple angles, you can easily change the camera angle of the scene you are viewing.



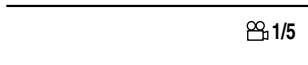
DVD-V VCD CD Changing the camera angle

1 Press ANGLE while playing a scene recorded with multiple angles.



While playing a scene recorded with multiple angles, the angle icon (⊞) appears on the screen. Press the ANGLE button while the angle icon is displayed.

e.g.



2 Selecting the camera angle by pressing ANGLE.



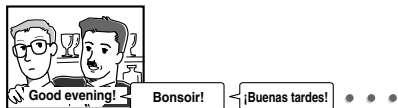
Each time you press the ANGLE button, the camera angle changes.

Notes

- After selecting angle, it will take a few moments to change the camera angle of the scene you are viewing.
- If you pause a picture immediately after changing a camera angle, the resumed playback picture may not display the new camera angle.
- You can also use an on-screen display to change a camera angle. [58](#)

Selecting Subtitles

You can display subtitles on the screen and select a subtitle language from those included on the DVD video disc.



SUB TITLE

DVD-V
VCD CD

Selecting a subtitle language

1 Press SUBTITLE during playback.

SUB TITLE



The current subtitle setting is displayed.

e.g.

Subtitle 01/02 : English

2 Press SUBTITLE while the subtitle setting is displayed on the screen.

SUB TITLE



Each time you press the SUBTITLE button, the subtitle languages included on the DVD video disc change.

■ To turn subtitles on or off

Press SUBTITLE several times during playback until "Turn off subtitles" is displayed.

SUB TITLE



Notes

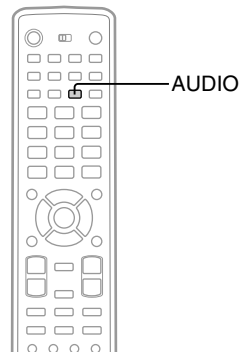
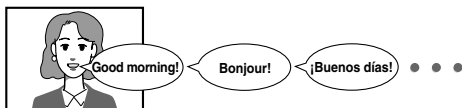
- Some DVD video discs display subtitles automatically, and you cannot turn them off even if you set the subtitle function to off.
- Some DVD video discs will allow you to make subtitle selections and turn subtitles on or off only via the disc menu.
- You can also use an on-screen display to change a subtitle. **[58]**

Notes

- When you select a subtitle language which is not included on the disc, the unit plays a prior language programmed on the disc.
- During some scenes, the subtitles may not appear immediately after you change the subtitle language.

Selecting a Language

You can select a preferred language and sound recording system from those included on the disc.



DVD-V
VCD CD

Selecting a playback audio setting

1 Press AUDIO during playback.

MONO/
STEREO/SAP

AUDIO

The current audio setting is displayed.

e.g.

Audio 1/3 : Dolby D 3/2.1 Channels English

2 Press AUDIO while the audio setting is displayed on the screen.

MONO/
STEREO/SAP

AUDIO

Each time you press the AUDIO button, the audio settings included on the DVD video disc change.

■ Selecting sound channels of VIDEO CDs

During playback, press **AUDIO** repeatedly to select the sound channel.

MONO/
STEREO/SAP


AUDIO

Notes

- Some discs allow you to change audio selections only via the disc menu. If this is the case, press the MENU button and choose the appropriate language from the selections on the disc menu.
- If you select a sound track which is not included on the disc, the unit plays a prior sound track programmed on the disc.
- You can also use an on-screen display to change audio settings. **58**

■ Output sound conversion table (sampling frequency/quantization bit)

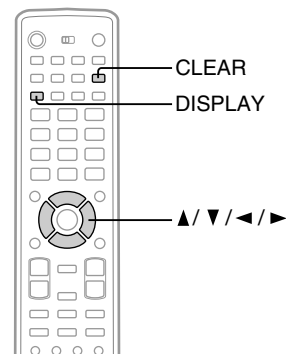
Discs	Sound recording system	Audio selection from the menu 62 65 and outputs					
		"Bitstream"		"Analog 2ch"		"PCM"	
		BITSTREAM/PCM jack	Speakers/AV OUT jack/Headphone jacks	BITSTREAM/PCM jack	Speakers/AV OUT jack/Headphone jacks	BITSTREAM/PCM jack	Speakers/AV OUT jack/Headphone jacks
DVD video discs	Dolby Digital	Bitstream	48 kHz/20 bit	Bitstream	48 kHz/20 bit	48 kHz/20 bit	48 kHz/20 bit
	Linear PCM	48 kHz/16 bit	48 kHz/16 bit	48 kHz/16 bit	48 kHz/16 bit	48 kHz/16 bit	48 kHz/16 bit
		48 kHz/20 bit	48 kHz/20 bit	48 kHz/20 bit	48 kHz/16 bit	48 kHz/20 bit	48 kHz/20 bit
		48 kHz/24 bit	48 kHz/24 bit	48 kHz/24 bit	48 kHz/16 bit	48 kHz/24 bit	48 kHz/24 bit
		96 kHz/16 bit	96 kHz/16 bit	96 kHz/16 bit	–	96 kHz/16 bit	96 kHz/16 bit
		96 kHz/20 bit	96 kHz/20 bit	96 kHz/20 bit	–	96 kHz/20 bit	96 kHz/20 bit
	96 kHz/24 bit	96 kHz/24 bit	96 kHz/24 bit	–	96 kHz/24 bit	96 kHz/24 bit	
DTS	Bitstream	–	Bitstream	–	–	–	
MPEG1, MPEG2	Bitstream	48 kHz/16 bit	Bitstream	48 kHz/16 bit	48 kHz/16 bit	48 kHz/16 bit	
VIDEO CDs	MPEG1	44.1 kHz/16 bit	44.1 kHz/16 bit	44.1 kHz/16 bit	44.1 kHz/16 bit	44.1 kHz/16 bit	44.1 kHz/16 bit
Audio CDs	Linear PCM 44.1 kHz/16 bit	44.1 kHz/16 bit	44.1 kHz/16 bit	44.1 kHz/16 bit	44.1 kHz/16 bit	44.1 kHz/16 bit	44.1 kHz/16 bit
	DTS	Bitstream	(Noise)	Bitstream	(Noise)	Bitstream	(Noise)

 : 3D sound enhancement can function. (Signals are depressed by down sampling process.)

- Signals of 88.2kHz or higher from the BITSTREAM/PCM jack are down converted to 44.1 kHz or 48 kHz when:
 - "3D" is selected. **53**
 - a copyright protected disc is played.
- Quantization will be limited to 16 bits in a copyright protected disc.

Operating in the On-screen Display Mode

When you turn on the on-screen display, you can view information on operational status and access features and settings.



DVD-V VCD CD On-Screen Display Operation

1 Press DISPLAY during playback.



The following display appears.

e.g.



2 Press ◀/▶ to select item.



3 Change the selection by ▲/▼.



■ When playing a DVD video disc

To select a title.

To select a chapter.

To select a playback audio setting.

To select a subtitle language.

To change the camera angle.

To repeat a title, chapter or entire disc.

e.g.

DVD-Video 0:00:12

Title 01/03 Chapter 01/10

Current title number

Current chapter number

Elapsed time of the current title

Note
Some discs may not be compatible with a set of these operations.

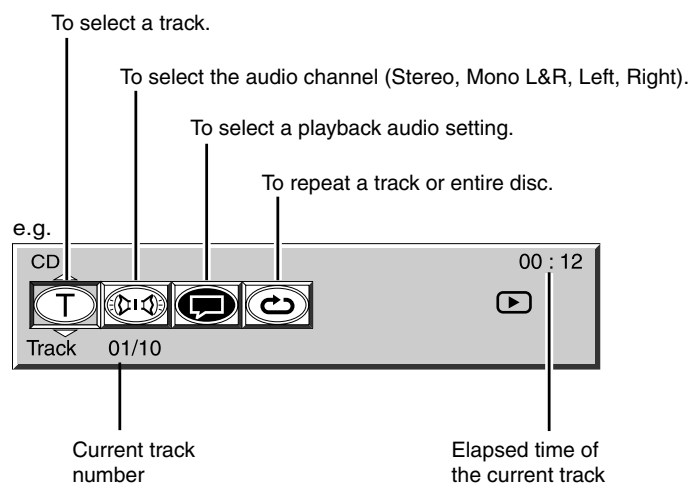
■ To turn off the display

Press **DISPLAY** or **CLEAR**.

Note

Doing nothing for approx. 10 seconds will eliminate the display.

■ When playing a VIDEO CD or audio CD

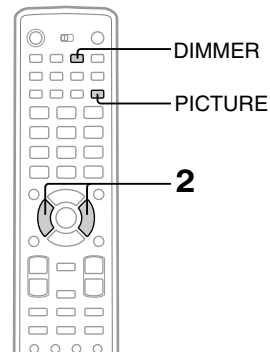


Note

Some discs may not be compatible with a set of these operations.

Adjusting the Picture

You can easily select a preferred picture.



DVD-V VCD CD **Adjusting the picture**

1 Press PICTURE. Alternatively press PICTURE on the main unit.

The picture setting display appears.

2 Press </> or +/- to adjust the value.



- BRIGHTNESS : 0 (Darker) to 30 (Brighter)
- TINT : 0 (Reddish) to 30 (Greenish)
- COLOR : 0 (Paler) to 30 (Deeper)
- CONTRAST : 0 (Lower) to 30 (Higher)
- SHARPNESS : ON or OFF

■ To set the screen brightness

The screen brightness can be switched from 4 levels.



Press the **DIMMER** button repeatedly.

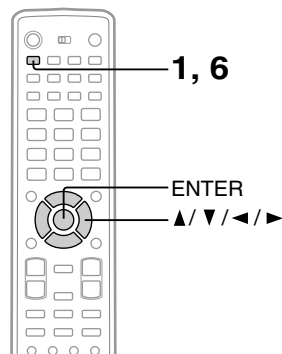
Function setup

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

- **Customizing the Function Settings**

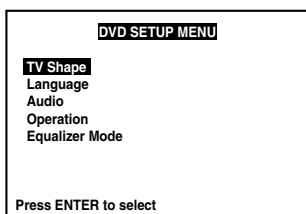
Customizing the Function Settings

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

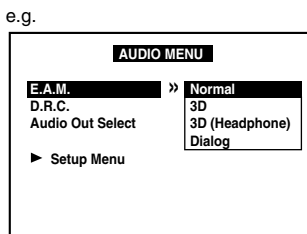
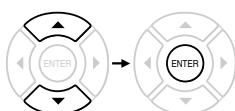


DVD-V VCD CD Setting procedure

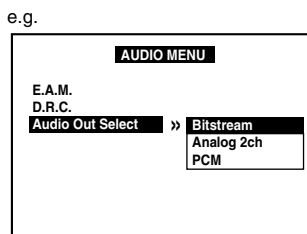
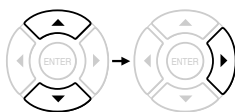
1 Press **SETUP** during stop. The following on-screen display appears.



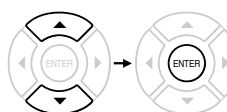
2 Press **▲/▼** to select the setting you want to change, then press **ENTER**. (See the next page.)



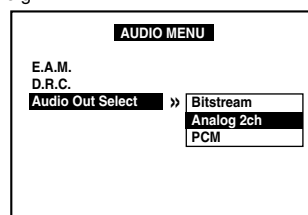
3 Press **▲/▼** to select the setting you want to change, then press **▶**.



4 Change the selection by **▲/▼**, by referring to the corresponding pages **63**, then press **ENTER**.



e.g.



5 Press **◀**, then repeat steps 3 and 4 to change other settings.

To return to the first menu for the SETUP, press **▼** to select "Setup Menu" and press **ENTER**.

6 Press **SETUP**. The on-screen display disappears.

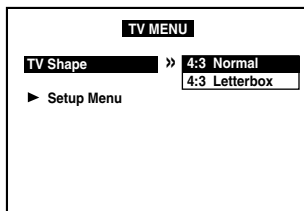


Note
The **SETUP** button is functional even during the playback or during the stop time (STOP button pressed once) for resuming the playback. Some operations, however, are not accessible. In this case, press the STOP button twice to disable the playback to be resumed for further setup.

	Setting	Details	Page	
TV Shape	TV Shape	DVD-V	To select a picture size according to the aspect ratio of your TV.	64
Language	On-screen	DVD-V VCD CD	To select a preferred language for on-screen displays.	64
	Audio	DVD-V	To select a preferred language for the sound track.	64
	Subtitle	DVD-V	To select a preferred language for subtitles.	64
	Disc Menu	DVD-V	To select a preferred language for disc menus.	64
Audio	E.A.M.	DVD-V VCD CD	You can easily switch to a preferred audio enhancement.	65
	D.R.C.	DVD-V	To turn on or off a function that makes faint sounds easier to hear even if you lower the volume during late hours playback.	65
	Audio Out Select	DVD-V VCD CD	To select an output sound format corresponding to your system connection.	65
Operation	Parental	DVD-V	To turn the parental lock function on or off.	66
	PBC	VCD	To use the menu screen when playing a PBC-controllable VIDEO CD.	67
	Screen Saver	DVD-V	To turn the screen saver on or off.	67
	Menu Style	DVD-V VCD CD	You can change setup menu configuration.	67
	Default	DVD-V VCD CD	To restore all settings to the factory set.	67
Equalizer Mode	EQ Mode	DVD-V VCD CD	You can select a preferred equalizer mode.	67

Customizing the Function Settings (continued)

Setting details



TV Shape DVD-V

4:3 Normal: Select when a standard 4:3 TV is connected.



Displays pictures cropped to fill your TV screen. Either or both sides of the picture are cut off.

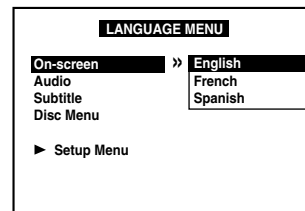
4:3 Letterbox: Select when a standard 4:3 TV is connected.



Displays theatrical images with masking bars above and below the picture. When playing a source of 16:9 picture size.

Notes

- The displayable picture size is preset on the DVD video disc. Therefore, the playback picture of some DVD video discs may not conform to the picture size you select.
- When you play DVD video discs recorded in the 4:3 picture size only, the playback picture always appears in the 4:3 picture size regardless of the TV shape setting.



On-Screen DVD-V VCD CD

English: To view on-screen displays in English.

French: To view on-screen displays in French.

Spanish: To view on-screen displays in Spanish.

Audio DVD-V

English: To play sound tracks in English.

French: To play sound tracks in French.

Spanish: To play sound tracks in Spanish.

Note

Some DVD video discs may be played in a different language than you selected. A prior language may be programmed on the disc.

Subtitle DVD-V

English: To display subtitles in English.

French: To display subtitles in French.

Spanish: To display subtitles in Spanish.

Notes

- Some DVD video discs may be set to display subtitles in a different language than you selected. A prior subtitle language may be programmed on the disc.
- Some DVD video discs allow you to change subtitle selections only via the disc menu. If this is the case, press the MENU button and choose the appropriate subtitle language from the selection on the disc menu.

Disc Menu DVD-V

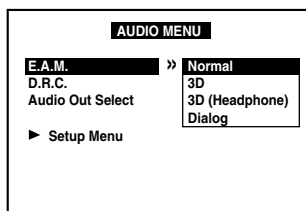
English: To display disc menus in English.

French: To display disc menus in French.

Spanish: To display disc menus in Spanish.

Note

Some DVD video discs may not include your pre-selected language. In this case, the unit automatically displays disc menus consistent with the disc's initial language setting.



E.A.M. DVD-V VCD CD

You can obtain expansive virtual surround sound effects from just two speakers.

Normal: Normal sound.

3D: To obtain expansive virtual surround sound effects from just two speakers.

3D (Headphone):

To obtain expansive virtual surround sound effects when using headphone.

Dialog: To control critical center channel information to make dialogue more intelligible (only when playing a DVD video disc recorded on the Dolby Digital recording system).

- To use this enhancement on sounds output from the BITSTREAM/PCM jack, be sure to set "Audio Out Select" to "PCM."

Note

Pressing the E.A.M. button on the remote control also allows you to achieve the same setup. [53](#)

D.R.C. DVD-V

Turn on or off a function that makes faint sounds easier to hear even if you lower the volume during late hours playback.

D.R.C. = Dynamic Range Control

ON : Dynamic range is reduced.

OFF : Full dynamic range is maintained.

Notes

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

Audio Out Select DVD-V VCD CD

Select the output sound format corresponding to your system connection.

For details of sound recording systems, see [41](#).

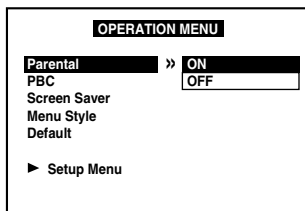
Bitstream: Select when connected to an amplifier equipped with a Dolby Digital, DTS, MPEG1 or MPEG2 decoder. [58](#) [59](#)
The unit outputs digital audio information in the bitstream format when you play a DVD video disc recorded in the Dolby Digital, DTS, MPEG1 or MPEG2 recording system.

Analog 2ch: Select when connected to a TV, or Dolby Pro Logic or stereo system via the analog audio jacks. [54](#) [58](#)

PCM: Select when connected to a 2 channel digital stereo amplifier. [60](#)
The unit outputs sounds in the PCM 2ch format when you play a DVD video disc recorded on the Dolby Digital, MPEG1 or MPEG2 recording system.

Customizing the Function Settings (continued)

Setting details



Parental DVD-V

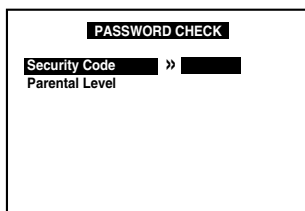
DVD video discs equipped with the parental lock function are rated according to their content. The contents allowed by a parental lock level and the way a DVD video disc can be controlled may vary from disc to disc. For example, if the disc allowed you could edit out violent scenes unsuitable for children and replace them with more suitable scenes, or lock out playback of the disc altogether.

- DVD video discs may or may not respond to the parental lock settings. This is not a defect in the unit. Make sure this function works with your DVD video discs.

ON : To activate the parental lock feature or change the settings.

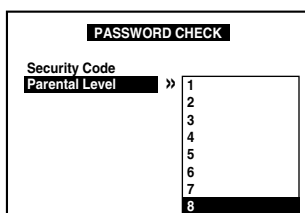
After pressing the ENTER button, follow steps 1) - 4) below.

OFF : The parental lock feature does not function. After pressing the ENTER button, follow step 1) below.



1) Press the number buttons to create a personal 5-digit security code.

2) Press ▲ / ▼ to select the parental lock level, then press the ENTER button.



3) Press ◀.

4) Press ▼ to select "Operation", then press the ENTER button.

You cannot play DVD video discs rated higher than the level you selected unless you cancel the parental lock function.

For example, when you select level 7, discs rated higher than level 7 are locked out and cannot be played.

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

Level 7: NC-17

Level 6: R

Level 4: PG 13

Level 3: PG

Level 1: G

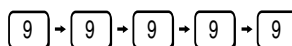
The parental lock levels for other countries/areas than U.S. are included for future use. Check the appropriate parental lock level when you buy a DVD video disc equipped with the parental lock feature in the future.

■ To change the parental lock level

Follow steps 1) - 4).

■ To change your 5-digit security code

1) After selecting "ON" or "OFF," press the 9 button five times.



The 5-digit security code is cleared.

2) Press the number buttons to create a new 5-digit security code.

PBC VCD

ON : To use the menu when playing a PBC-featured VIDEO CD.

OFF : When playing a VIDEO CD without using the menu.

Screen Saver DVD-V

ON : The screen saver operates.

OFF : The screen saver is disengaged.

Menu Style DVD-V VCD CD

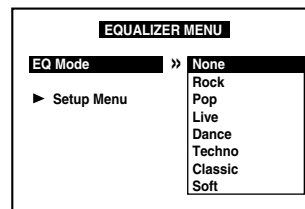
You can change setup menu configuration.

Type1 : Setup menu is displayed in type1 configuration.

Type2 : Setup menu is displayed in type2 configuration.

Default DVD-V VCD CD

Reset : To restore settings to the factory set.

**EQ Mode** DVD-V VCD CD

You can select a preferred equalizer mode.

- None : Equalizer is not used.
- Rock : Equalizer mode for Rock.
- Pop : Equalizer mode for Pop.
- Live : Equalizer mode for Live.
- Dance : Equalizer mode for Dance.
- Techno : Equalizer mode for Techno.
- Classic : Equalizer mode for Classic.
- Soft : Equalizer mode for Soft.

Connections

You can connect the unit to a TV or audio system. Also, you can connect a battery pack to power the unit.

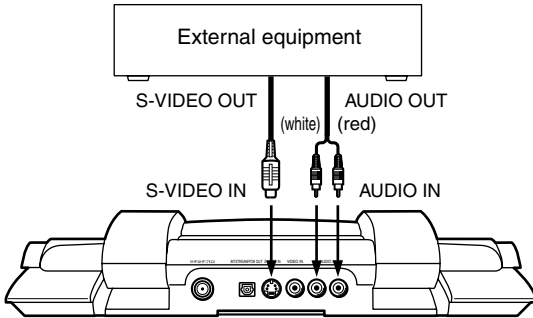
- **Connecting from other equipment**
- **Connecting to Headphones**
- **Connecting to Audio Equipment**
- **Using the automobile/vehicle adapter or power port**

Connecting from other equipment

By connecting the video output terminals of external equipment (such as a DVD player or a tuner) to the unit, video from external equipment can be viewed on the unit.

Connecting to a S-VIDEO IN/VIDEO IN/COMPONENT VIDEO IN jack

■ Connecting to a S-VIDEO IN jack

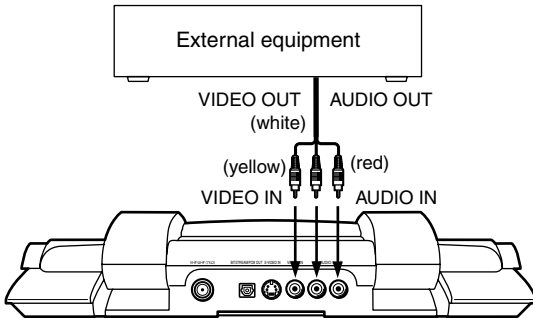


INPUT SELECT Press the INPUT SELECT button repeatedly to select the S-VIDEO mode.

TV → DVD → COMPONENT → S-VIDEO → VIDEO

“S-VIDEO” is displayed on the LCD monitor.

■ Connecting to a VIDEO IN jack



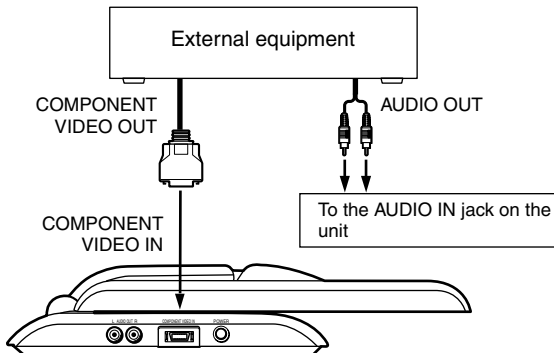
INPUT SELECT Press the INPUT SELECT button repeatedly to select the VIDEO mode.

TV → DVD → COMPONENT → S-VIDEO → VIDEO

“VIDEO” is displayed on the LCD monitor.

■ Connecting to a COMPONENT VIDEO IN jack

Clear video can be viewed by using the VIDEO jack and the S-VIDEO jack.

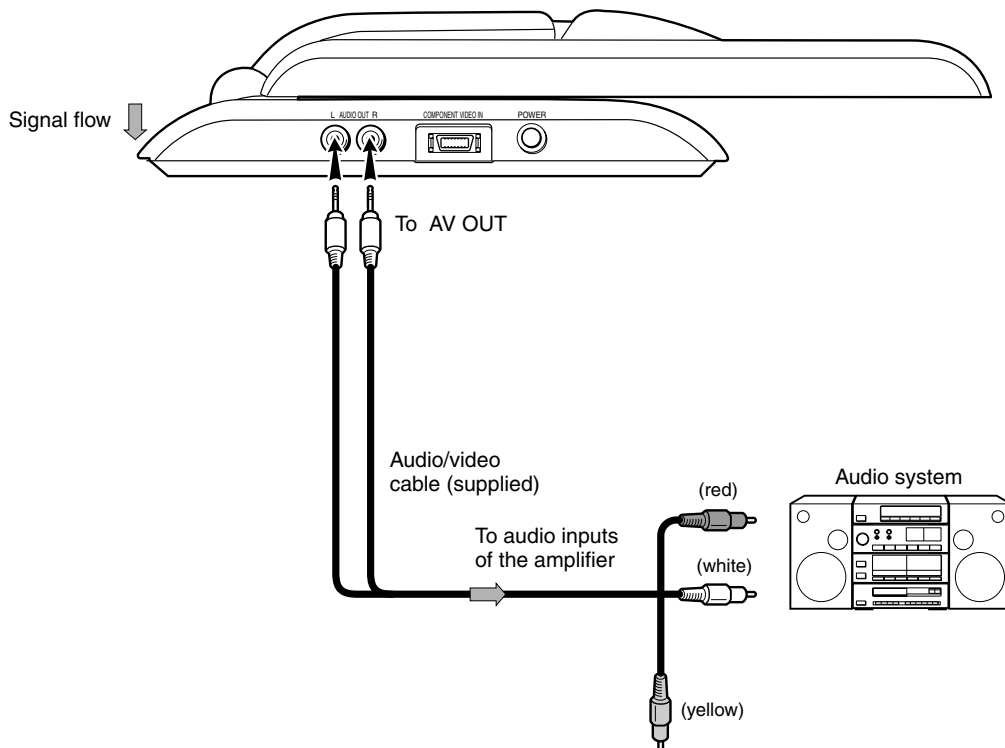


INPUT SELECT Press the INPUT SELECT button repeatedly to select the COMPONENT mode.

TV → DVD → COMPONENT → S-VIDEO → VIDEO

“COMPONENT” is displayed on the LCD monitor.

Connecting to an audio system



When the AV OUT or BITSTREAM/PCM jacks are connected to the audio input terminals of an audio system, sounds of discs can be heard on the connected audio system. For instructions on connections to audio systems, see also page [73](#).

- Make the following setting.

On-screen display	Select:	Page
"Audio Out Select"	"Analog 2ch"	62
		65

Notes

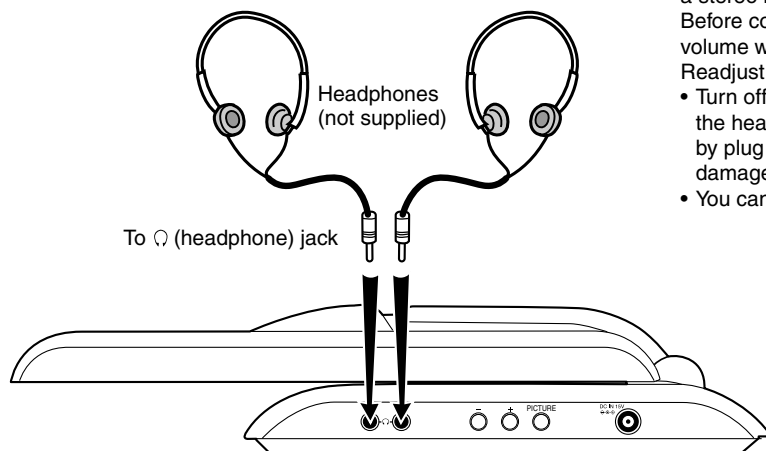
- Refer to the owner's manual of the connected equipment as well.
- When you connect the unit to other equipment, be sure to turn off the power and unplug all of the equipment from the wall outlet before making any connections.
- If you place the unit near a tuner or radio, the radio broadcast sound might be distorted. In this case, place the unit away from the tuner and radio.
- 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 power on, the speakers may be damaged.

Connecting to Headphones

You can listen to movies and music privately by connecting headphones.

Caution

When you use headphones, keep the volume at a moderate level. If you use the headphones continuously with high volume sound, it may cause hearing damage.



Connecting headphones

Connect headphones to the headphone jack using a stereo mini plug.

Before connecting, temporarily turn down the volume with the headphone volume control.

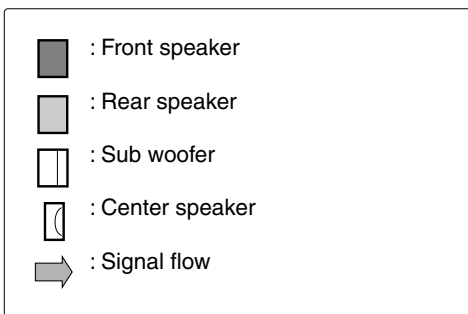
Readjust to your preference when playback starts.

- Turn off the unit before you connect or disconnect the headphone cable. Possible shakes produced by plug connecting/disconnecting may cause damage to the disc.
- You can connect up to 2 headphones.

Connecting to Audio Equipment

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

- For details of output sound, see [57](#).
- This section uses the following reference marks.



Notes

- DO NOT connect the BITSTREAM/PCM (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 BITSTREAM/PCM (DIGITAL) AUDIO OUT jack of the unit.
- Connect the BITSTREAM/PCM (DIGITAL) AUDIO OUT jack of the unit to the "DIGITAL (OPTICAL)" or "DIGITAL (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 power on, the speakers may be damaged.

Warning

- When you are connecting (via the BITSTREAM/PCM (DIGITAL) AUDIO OUT jack) an AV decoder that does not have Dolby Digital, Digital Theater Systems (DTS) or MPEG2 decoding function, be sure to set "Audio Out Select" to "PCM" from the on-screen displays [62](#) [65](#). Otherwise, high volume sound may damage your hearing as well as the speakers.
- When playing DTS-encoded discs (audio CDs), excessive noise may be output from the analog audio output jacks. To avoid possible damage to the audio system, you should take proper precautions when the analog audio output jacks of the unit are connected to an amplification system. To enjoy DTS Digital Surround™ playback, an external 5.1 channel DTS Digital Surround™ decoder system must be connected to the BITSTREAM/PCM (DIGITAL) AUDIO OUT jack of the unit.

Connecting to Audio Equipment (continued)

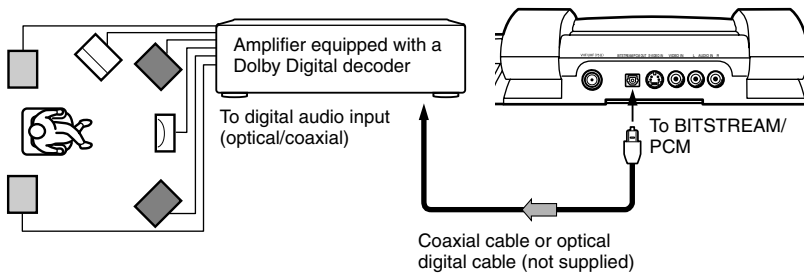
Connecting to an amplifier equipped with a Dolby Digital decoder

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.

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

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



On-screen display	Select:	Page
"Audio Out Select"	"Bitstream"	62
		65
Recording system	Dolby Digital	57

Connecting to an amplifier equipped with Dolby Surround Pro Logic

Dolby Surround Pro Logic

You can enjoy the dynamic realistic sound of Dolby Surround Pro Logic by connecting an amplifier and speaker system (right and left front speakers, a center speaker, and one or two rear speakers).

• With an amplifier equipped with Dolby Digital

Connect the equipment the same way as described in "Connecting to an amplifier equipped with a Dolby Digital decoder." Refer to that amplifier's owner's manual and set the amplifier so you can enjoy Dolby Surround Pro Logic sound.

• With an amplifier not equipped with Dolby Digital

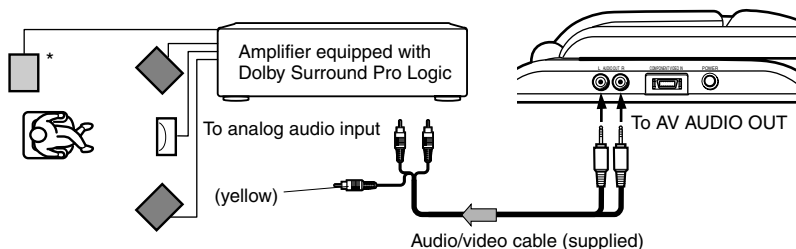
Connect the equipment as follows.

- Make the following setting.

On-screen display	Select:	Page
"Audio Out Select"	"Analog 2ch"	62
		65

Be sure to set "Audio Out Select" to "Analog 2ch" when you enjoy sounds of Dolby Surround Pro Logic using this connection.

* Connect one or two rear speakers. The output sound from the rear speakers will be monaural even if you connect two rear speakers.

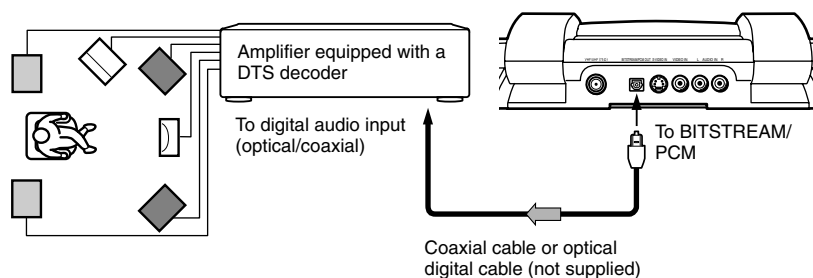


Connecting to an amplifier equipped with a DTS decoder

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.



"DTS" and "DTS Digital Surround" are trademarks of Digital Theater Systems, Inc.

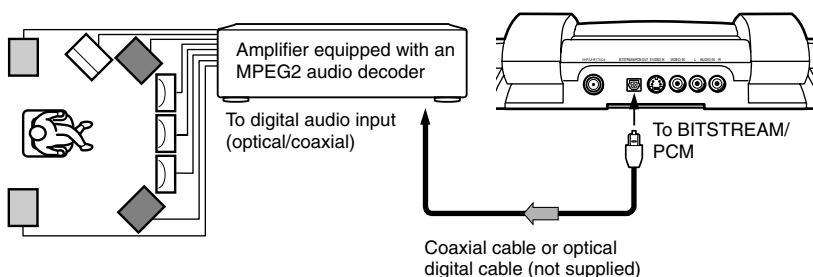
- Use DVD video discs or audio CDs encoded via the DTS recording system.
- Make the following setting.

On-screen display	Select:	Page
"Audio Out Select"	"Bitstream"	62
		65
Recording system	DTS	57

Connecting to an amplifier equipped with an MPEG2 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 MPEG2 recording system.
- Make the following setting.

On-screen display	Select:	Page
"Audio Out Select"	"Bitstream"	62
		65
Recording system	MPEG2	57

Connecting to Audio Equipment (continued)

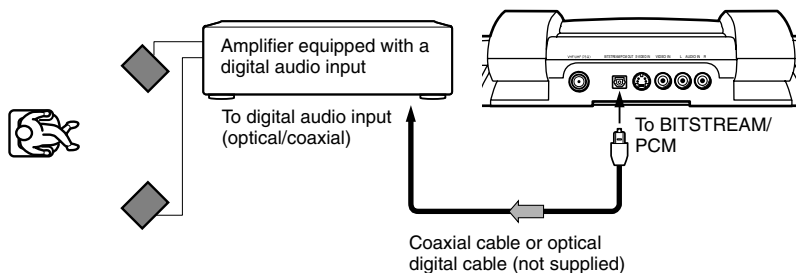
Connecting to an amplifier equipped with a digital audio input

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).

• Make the following setting.

On-screen display	Select:	Page
"Audio Out Select"	"PCM"	62 65



Using the automobile/vehicle adapter or power port

For use of the DVD player in a car, this adapter can power the DVD player from the cigarette lighter socket.

Warning

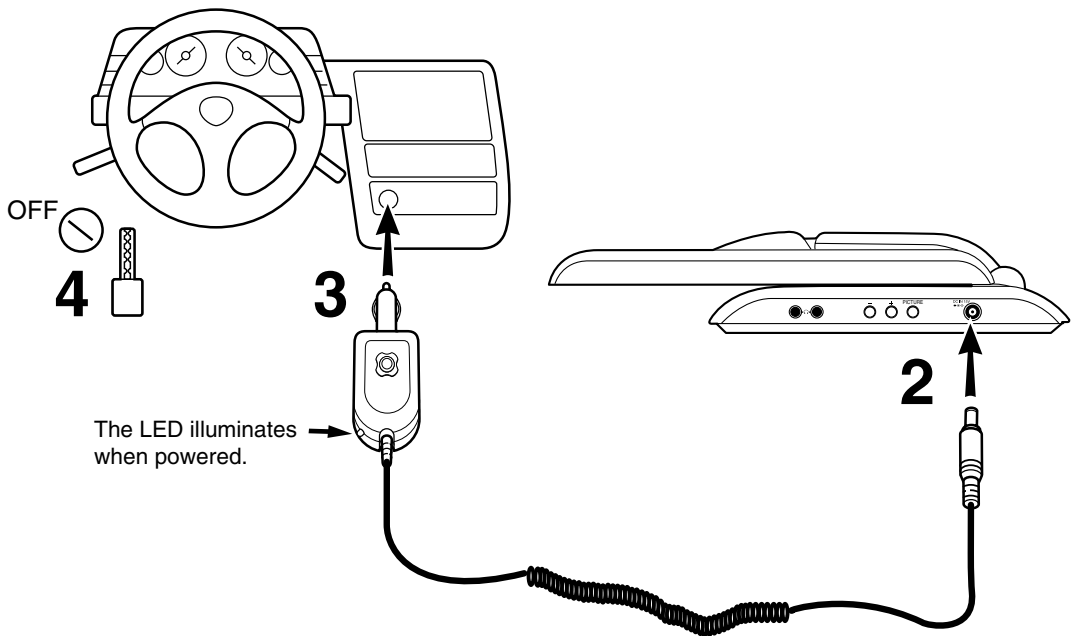
- NEVER operate the unit or view a DVD Video while operating an automobile or other vehicle. Note: doing so is illegal in many jurisdictions.
NEVER place a unit within the eyesight of a driver while he/she is driving an automobile/vehicle. Note: A unit located in the front seating section of a vehicle is illegal in many jurisdictions.
Failure to observe the above instructions could result in the driver's inattention to and/or distraction from road hazards.
- NEVER place a unit in a location where it could interfere with the proper deployment and/or performance of an air bag.
Failure to observe this instruction could result in the prevention of an air bag to properly and/or effectively deploy.
- Do not use an adapter other than the model supplied, to power the unit. Do not use the supplied vehicle adapter to power an apparatus other than this unit. Neglecting these may cause smoke, fire or electrical shock to human body.
- This adapter is intended for exclusive use in automobiles/vehicles with a DC 12V negative ground electrical system. NEVER use this adapter with a DC 24V configured automobile/vehicle.
Consult your vehicle owner's manual before using this adapter.
- ALWAYS use caution when touching the adapter, cigarette lighter socket or power port. The adapter, lighter socket and power port may become heated after prolonged use.
- Do not touch the adapter with wet hands. Do not liquid over the adapter.

Notes

- Never operate the unit in a moving vehicle.
Vibration may prevent proper playback of the unit or cause damage to the disc.
- Do not leave the adapter in an unoccupied vehicle to avoid exposing it to unusually high ambient temperatures.
- Remove the adapter power plug from the cigarette lighter socket or power port before turning the engine off.
- When the unit is not in use be sure to remove the adapter power plug from the cigarette lighter socket or power port and the pin plug from the unit.
- Do not force the adapter into an incompatible lighter socket or power port.
- Avoid dropping the adapter or placing heavy objects on it.
- Do not pull the adapter power cord when removing it from a socket or power port.
Always grasp and pull the body.
Failure to do so could cause damage to and malfunction of the adapter.
- Do not operate the unit using the adapter for a prolonged period with the car engine off. The car battery may be too exhausted to turn the engine on.
- Depending on the vehicle model or the location of the cigarette lighter socket, this adapter may not be applied.

■ Instructions for Use

- 1 Turn off the unit.
- 2 Insert the pin plug of the adapter into the DC IN 15V jack of the unit.



- 3 Insert the plug of the adapter into the cigarette lighter socket or power port fully.
- 4 Turn on the vehicle engine so that the cigarette lighter socket or power port is powered. In some vehicles the cigarette lighter socket or power port is powered even when the vehicle's engine is not running. It is important that the vehicle owner's manual be consulted.
- 5 When disconnecting the unit, first remove the adapter pin plug from the unit and then the power plug from the cigarette lighter socket or power port.

Specification

Operating temperature: 5 – 35°C
 Operating humidity: 30 – 80%
 Storage temperature: -10 – 60°C
 Storage humidity: 20 – 80%

Others

- **Before Calling Service Personnel**
- **Specifications**
- **LIMITED WARRANTY
PORTABLE DVD PLAYER**

Before Calling Service Personnel

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

Symptoms and correction

Symptom	Cause	Correction	Page
No power.	<ul style="list-style-type: none"> The AC adapter or power plug is disconnected. 	<ul style="list-style-type: none"> Connect the AC adapter or power plug securely. 	16
The LCD turned off by itself.	<ul style="list-style-type: none"> The automatic LCD off function turned the LCD off. 	<ul style="list-style-type: none"> Press any button. 	21
No sound.	<ul style="list-style-type: none"> The equipment connected via the audio/video cable is not set to receive DVD signal output. 	<ul style="list-style-type: none"> Select the correct input mode of the audio receiver so you can listen to the sound from the unit. 	71
	<ul style="list-style-type: none"> The volume is too low. 	<ul style="list-style-type: none"> Adjust the volume by turning the volume control. 	20
	<ul style="list-style-type: none"> The audio receiver is turned off. 	<ul style="list-style-type: none"> Turn on the equipment connected with the audio/video cable. 	71 – 76
	<ul style="list-style-type: none"> The setting of output sound format is incorrect. 	<ul style="list-style-type: none"> Select the proper audio setting. 	56, 62 65
The playback picture has occasional distortion.	<ul style="list-style-type: none"> The disc is dirty. 	<ul style="list-style-type: none"> Eject the disc and clean it. 	8
	<ul style="list-style-type: none"> Player is in fast forward or fast reverse mode. 	<ul style="list-style-type: none"> Sometimes a small amount of picture distortion may appear. This is not a malfunction. 	–
	<ul style="list-style-type: none"> The main unit was moved or given a shock. 	<ul style="list-style-type: none"> Vibrating or shaking the unit during playback may produce distortion. This is not a malfunction. If not restored to usual status, stop playback and start again. 	–
	<ul style="list-style-type: none"> The disc is not set firmly. 	<ul style="list-style-type: none"> Remove the disc and set it again. 	34
The player does not start playback.	<ul style="list-style-type: none"> No disc is inserted. 	<ul style="list-style-type: none"> Insert a disc. 	34
	<ul style="list-style-type: none"> An unplayable disc is inserted. 	<ul style="list-style-type: none"> Insert a playable disc. (Check the disc type, color system and region number.) 	9
	<ul style="list-style-type: none"> The disc is inserted upside down. 	<ul style="list-style-type: none"> Insert the disc with the playback side down. 	34
	<ul style="list-style-type: none"> The disc is not inserted securely. 	<ul style="list-style-type: none"> Insert the disc securely in the disc holder. 	34
	<ul style="list-style-type: none"> The disc is dirty. 	<ul style="list-style-type: none"> Clean the disc. 	8
	<ul style="list-style-type: none"> The parental lock function is set. 	<ul style="list-style-type: none"> Cancel the parental lock function or change the parental lock level. 	66
Playback does not follow the course of the disc's program.	<ul style="list-style-type: none"> It is in the repeat playback mode, memory playback, etc. 	<ul style="list-style-type: none"> These operations may prevent a proper progression of the contents. 	–
Buttons do not work.	<ul style="list-style-type: none"> Power supply fluctuations or other abnormalities such as static electricity may interrupt correct operation. 	<ul style="list-style-type: none"> Turn the power on or off with the POWER switch. Or disconnect the power plug and insert it into the wall outlet again. 	–

Symptom	Cause	Correction	Page
The remote control does not work properly.	• The remote control is not pointed at the remote sensor of the player.	• Point the remote control at the remote sensor of the player.	15
	• The remote control is too far from the player.	• Operate the remote control within about 3 m.	15
	• The batteries in the remote control are exhausted.	• Replace the batteries with new ones.	15
	• The player's remote sensor is exposed to a strong light source such as direct sunlight or other illumination.	• Avoid the player from being exposed to a strong light source.	15

Specifications

Unit / Connectors / Liquid crystal display / Supplied accessories

Unit

Power supply	DC 15 V (Rated current : 3 A (Maximum: during battery pack charging)) 120 V AC, 60 Hz (with the supplied AC adapter)
Mass	830 g
External dimensions	200 × 33 × 160 mm (W/H/D)
Signal system	Standard NTSC
Laser	Semiconductor laser, wavelength 650 nm / 795 nm
Frequency range	DVD linear sound : 48 kHz sampling 4 Hz to 22 kHz 96 kHz sampling 4 Hz to 44 kHz
Operating conditions	Temperature: 5 °C to 35 °C, Operation status: Horizontal

Connectors

Audio output (AUDIO OUT)	2.0 V (rms), 680 Ω, pin jacks (L, R) × 1
Audio output (BITSTREAM/PCM OUT)	Optical/coaxial connector (Ø3.5mm) × 1
Video input (VIDEO IN)	1.0 V (p-p), 75 Ω, negative sync., pin jack × 1
S video input (S-VIDEO IN)	(Y) 1.0 V (p-p), 75 Ω, negative sync., Ø3.5mm mini jack × 1 (C) 0.286 V (p-p), 75 Ω
Component input (COMPONENT VIDEO IN)	Component video connector × 1
Audio input (AUDIO IN)	2.0 V (rms), 680 Ω, pin jacks (L, R) × 1
Headphone terminal	Ø3.5mm stereo mini jack × 2
Antenna input (VHF/UHF)	VHF/UHF : 75 Ω, F connector

Liquid crystal display

Panel size	15 inches
Projection system	TN color transmission
Driving system	Amorphous silicon TFT active matrix
Resolution	480 (H) × 234 (V) pixels (effective pixel rate : more than 99.99%)

Supplied accessories

Audio/video cable	1
Remote control	1
Batteries (R03)	2
AC adapter (ADP-36CH A)	1
Power cord	1
S video cable	1
Vehicle adapter	1

- Designs and specifications are subject to change without notice.
- The illustrations, window views and other graphics contained in this manual have been edited for clarity, so they may differ slightly from the actual items.
- The illustrations, window views and other graphics contained in this manual are examples for display purposes.

LIMITED WARRANTY LCD TV/DVD COMBINATION

Toshiba America Consumer Products, L.L.C. ("TACP") and Toshiba Canada Limited ("TCL") make the following limited warranties. These limited warranties extend to original consumer purchaser or any person receiving this set as a gift from the original consumer purchaser and to no other purchaser or transferee.

Limited Ninety (90) Day Warranty

TACP/TCL warrant this product against defects in materials or workmanship for a period of ninety (90) days after the date of original retail purchase. During this period, TACP/TCL will repair a defective product or part, without charge to you. You must deliver the entire product to a TACP/TCL Authorized Service Station. You are responsible for all transportation and insurance charges for the unit to and from the Authorized Service Station.

Limited One (1) Year Warranty

TACP/TCL further warrant the parts in this product against defects in materials or workmanship for a period of one (1) year after the date of original retail purchase. During this period, TACP/TCL will repair or replace a defective part, without charge to you, except that if a defective part is replaced after ninety (90) days from the date of the original retail purchase you pay labor charges involved in the replacement. You must also deliver the entire product to a TACP/TCL Authorized Service Station. You are responsible for all transportation and insurance charges for the unit to and from the Authorized Service Station.

Rental Units

The warranty for rental units begin with the first rental or thirty (30) days from the date of shipment to the rental firm, whichever comes first.

Commercial Units

Products sold and used for commercial use have a limited ninety (90) day warranty for all parts and labor.

Owner's Manual

You should read the owner's manual thoroughly before operating this product. You should complete and mail the enclosed Demographic card within ten (10) days after you, or the person who has given you this product as a gift, purchased this product. This is one way to enable TACP/TCL to provide you with better customer service and improved products. Failure to return the card will not affect your rights under this warranty.

Your Responsibility

The above warranties are subject to the following conditions:

- (1) You must retain your bill of sale or provide other proof of purchase.
- (2) You must notify a TACP/TCL Authorized Service Station within thirty (30) days after you discover a defective product or part.
- (3) All warranty servicing of this product must be made by a TACP/TCL Authorized Service Station.
- (4) U.S.A. warranties are effective only if the product is purchased and operated in the Continental U.S.A. or Puerto Rico.
- (5) Labor service charges for set installation. Set up, adjustment of customer controls and installation or repair of antenna systems are not covered by this warranty. Reception problems caused by inadequate antenna systems are your responsibility.
- (6) Warranties extend only to defects in materials or workmanship as limited above and do not extend to any product or parts which have been lost or discarded by you or to damage to products or parts caused by misuse, accident, damage caused by Acts of God, such as lighting or fluctuations in electric power, improper installation, improper maintenance or use in violation of instructions furnished by us; or to units which have been altered or modified without authorization of TACP/TCL or to damage to products or part thereof which have had the serial number removed, altered, defaced or rendered illegible.
- (7) Physically damaged DVD Units are not acceptable for repair or exchange whether in or out of warranty and will be returned as received.

(Continued)

LIMITED WARRANTY LCD TV/DVD COMBINATION (Continued)

How to Obtain Service

- (1) Refer to the troubleshooting guide in your owner's manual. This checklist may solve your problem or check our web site at WWW.TOSHIBA.COM/TACP.
- (2) Products shipped to the Service Station must be insured and safely and securely packed, preferably in the original shipping carton, and a letter explaining the defect and also a copy of the bill of sale or other proof of purchase must be enclosed.

In United States contact:

Toshiba America Consumer Products L.L.C.

(800)-631-3811

In Canada contact:

Consumer Electronics Group

191 McNabb St

Markham, Ontario L3R 8H2

(905)-470-5400

Consumer Electronics Group

22171 Fraserwood Way

Richmond, B.C. V6W 1J5

(604)-303-2500

Toshiba of Canada Limited

18050 Trans Canada Highway

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H9J 4A1

(514)-390-7766

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

This warranty gives you specific legal rights and you may also have other rights, which may vary from state to state. Some states do not allow limitation on how long an implied warranty lasts, when an action may be brought, or the exclusion or limitation of incidental or consequential damages, so the above provisions may not apply to you.

ATTENTION CANADIAN CONSUMERS: (Toshiba Canada "TCL")

Canadian consumers are requested to complete the special Canadian "Warranty Registration Form" enclosed, and forward this completed form with a copy of bill of sale to TOSHIBA OF CANADA to "Register and Validate" their warranty. Product must be purchased from an Authorized Canadian Dealer.

IMPORTANT: PACKING AND SHIPPING INSTRUCTION

When you send the product to a Service Station, you must use the original carton box and packing material, then insert the original carton box containing the unit into another carton, using more packing material.

Products purchased in the U.S.A. and used in Canada are not covered by these warranties.

Products purchased in Canada and used in the U.S.A. are not covered by these warranties.

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