



DVD MICRO HI-FI SYSTEM

OWNER'S MANUAL

MODEL : LF-D7150



Please read this manual carefully before operating your set.
Retain it for future reference.

Designs and specifications are subject to change without
notice for improvement.



Safety Precautions



CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN



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

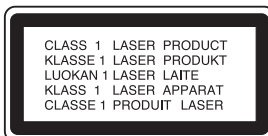


This lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated dangerous voltage within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



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

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



WARNING: Do not install this equipment in a confined space such as a bookcase or similar unit.

CAUTION:

This unit 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, adjustments or the performance of procedures other than those specified herein may result in hazardous radiation exposure.

To prevent direct exposure to laser beam, do not try to open the enclosure. Visible laser radiation when open. **DO NOT STARE INTO BEAM.**

CAUTION: The apparatus shall not be exposed to water, dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.

CAUTION concerning the Power Cord

Most appliances recommend they be placed upon a dedicated circuit;

That is, a single outlet circuit which powers only that appliance and has no additional outlets or branch circuits. Check the specification page of this owner's manual to be certain.

Do not overload wall outlets. Overloaded wall outlets, loose or damaged wall outlets, extension cords, frayed power cords, or damaged or cracked wire insulation are dangerous. Any of these conditions could result in electric shock or fire.

Periodically examine the cord of your appliance, and if its appearance indicates damage or deterioration, unplug it, discontinue use of the appliance, and have the cord replaced with an exact replacement part by an authorized servicer.

Protect the power cord from physical or mechanical abuse, such as being twisted, kinked, pinched, closed in a door, or walked upon. Pay particular attention to plugs, wall outlets, and the point where the cord exits the appliance.

FCC WARNING: This equipment may generate or use radio frequency energy. Changes or modifications to this equipment may cause harmful interference unless the modifications are expressly approved in the instruction manual. The user could lose the authority to operate this equipment if an unauthorized change or modification is made.

REGULATORY INFORMATION: FCC Part 15

This product 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 when the product is operated in a residential installation. This product generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this product does cause harmful interference to radio or television reception, which can be determined by turning the product 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 product and receiver.
- Connect the product 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.

FCC COMPLIANCE: The responsible party for this product's compliance is:

LG Electronics U.S.A., Inc., 1000 Sylvan Avenue,
Englewood Cliffs, NJ.
Phone: 1-201-816-2000.

IMPORTANT SAFETY INSTRUCTIONS

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

This product has been designed and manufactured to assure personal safety. Improper use can result in electric shock or fire hazard. The safeguards incorporated in this product will protect you if you observe the following procedures for installation, use, and servicing.

This product 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.** - All these safety and operating instructions should be read before the product is operated.
- 2. Keep these instructions.** - The safety, operating and use instructions should be retained for future reference.
- 3. Heed all warnings.** - All warnings on the product and in the operating instructions should be adhered to.
- 4. Follow all instructions.** - All operating and use instructions should be followed.
- 5. Do not use this product near water.** - For example: near a bath tub, wash bowl, kitchen sink, laundry tub, in a wet basement; or near a swimming pool; and other areas located near water.
- 6. Clean only with dry cloth.** - Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners.
- 7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.** - Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the product and to protect it from over-heating. The openings should never be blocked by placing the product on a bed, sofa, rug or other similar surface. This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to.
- 8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.**
- 9. Do not defeat the safety purpose of the polarized or grounding-type plug.** A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- 10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the product.**
- 11. Only use attachments/accessories specified by the manufacturer.**
- 12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with apparatus. When a cart is used, use caution when moving the cart/product combination to avoid injury from tip-over.**
- 13. Unplug this product during lightning storms or when unused for long periods of time.**
- 14. Refer all servicing to qualified service personnel. Servicing is required when the product 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 product, the product has been exposed to rain or moisture, does not operate normally, or has been dropped.**



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About Symbols

About the symbol display


“” may appear on the TV screen during operation. This icon means the function explained in this owner’s manual is not available on that specific DVD disc, or at that time.

About the disc symbols for instructions

A section whose title has one of the following symbol is applicable only to the disc represented by the symbol.

 DVD
 Audio CDs
 MP3 disc
 WMA disc
 JPEG disc
 DivX disc

About the symbols for instructions

 Indicates hazards likely to cause harm to the unit itself or other material damage.

 Indicates special operating features of this unit.

 Indicates tips and hints for making the task easier.

Before Use

Playable Discs



DVD
(8 cm / 12 cm disc)



Audio CD
(8 cm / 12 cm disc)

In addition, this unit can play a DVD±R, DVD±RW discs, CD-R/CD-RW that contain audio titles, MP3, WMA, JPEG or DivX files.

Notes

- Depending on the conditions of the recording equipment or the CD-R/RW (or DVD±R/RW) disc itself, some CD-R/RW (or DVD±R/RW) discs cannot be played on the unit.
- Do not attach any seal or label to either side (the labeled side or the recorded side) of a disc.
- Do not use irregularly shaped CDs (e.g., heart-shaped or octagonal). It may result in malfunctions.

Notes on DVDs

Some playback operations of DVDs may be intentionally fixed by software manufacturers. As this unit plays DVDs and according to disc content designed by the software manufacturer, some playback features of the unit may not be available or other functions may be added.

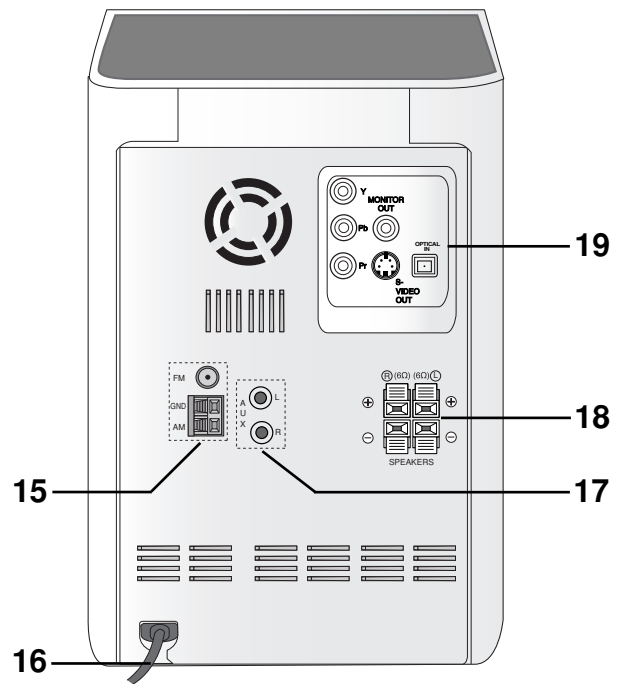
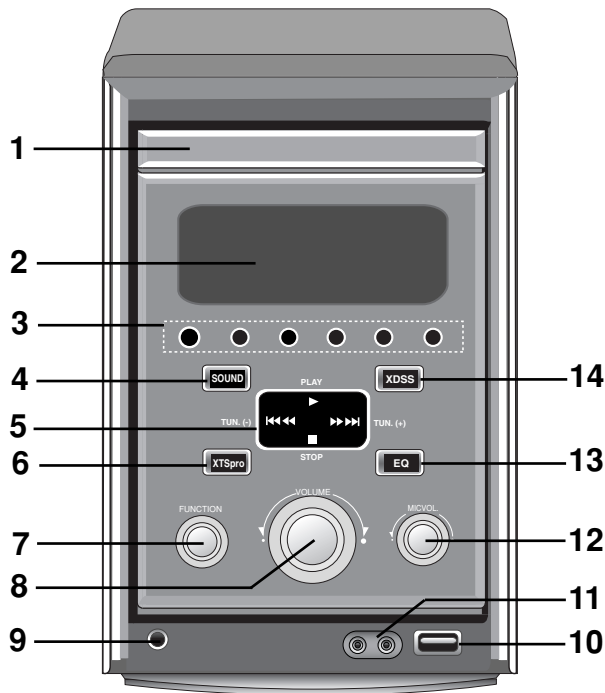
Refer also to the instructions supplied with the DVDs. Some DVDs made for business purposes may not be played on the unit.

Regional code of the DVD player and DVDs

This unit is designed and manufactured for playback of region “1” encoded DVD software. The region code on the labels of some DVD discs indicates which type of player can play those discs. This unit can play only DVD discs labeled “1” or “ALL”. If you try to play any other discs, the message “Check Regional Code” will appear on the TV screen. Some DVD discs may not have a region code label even though their playback is prohibited by area limits.

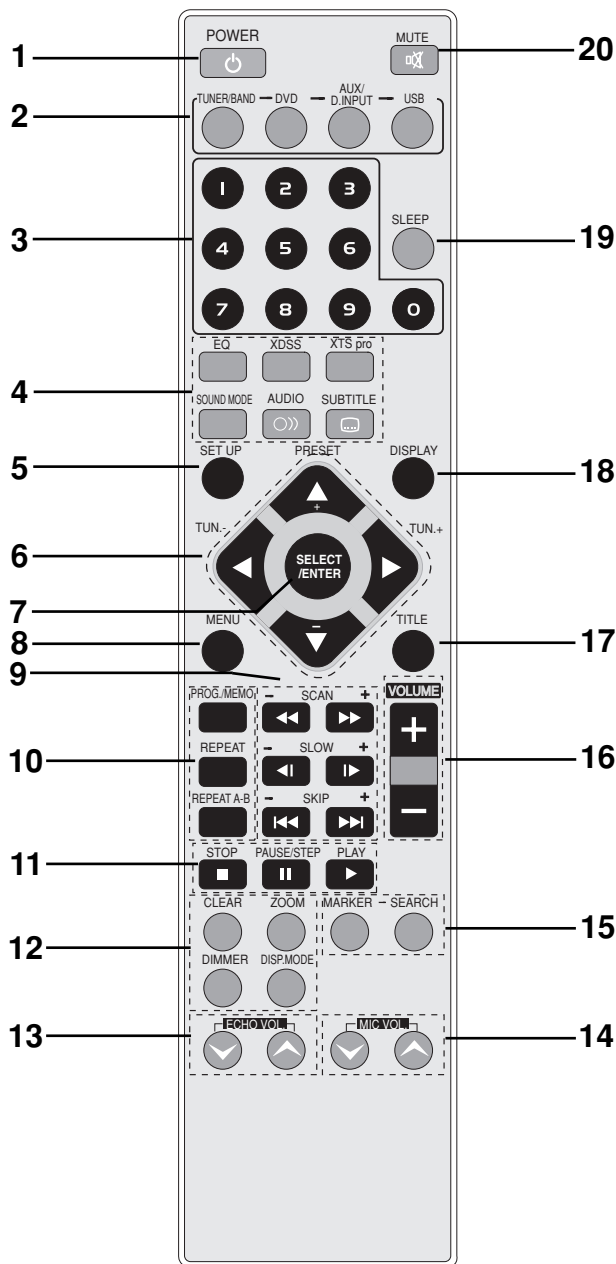


Front Panel/ Rear Panel



1. CD DOOR
2. DISPLAY WINDOW
3.
 - POWER (⏻) button
 - CLOCK button
 - ⌚ TIMER button
 - SET/CD button
 - MP3 OPT. button
 - MONO/STEREO (MONO/ST.) button
 - ▲ OPEN/CLOSE button
4. SOUND button
5.
 - PLAY (▶) button
 - STOP (■) button
 - TUN. (-/+) buttons
 - CD SKIP (⏮ ⏪ ⏩ ⏭) buttons
6. XTSpro button
7. FUNCTION (FUNC.) DIAL
8. VOLUME knob
9. HEADPHONE SOCKET (🎧 PHONES) - ϕ 3.5mm
10. USB connector
11. MIC JACKS (MIC1, MIC2) - ϕ 3.5mm
12. MIC VOLUME KNOB (MIC VOL.)
13. EQUALIZER PATTERN (EQ) button
14. XDSS button
15. ANTENNA Connector
16. POWER CORD
17. AUXILIARY INPUT (AUX) connector
18. SPEAKER Connector
19.
 - COMPONENT VIDEO OUT (PROGRESSIVE SCAN) (Y Pb Pr) Connector
 - MONITOR OUT Connector
 - S-VIDEO OUT Connector
 - OPTICAL IN Connector

Remote Control



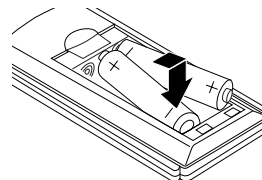
1. POWER button
2. FUNCTION SELECT buttons (TUNER/BAND, DVD, AUX/D.INPUT, USB)
3. NUMERIC buttons (0-9)
4. EQUALIZER (EQ), XDSS, XTS pro, SOUND, AUDIO, SUBTITLE buttons
5. SET UP button
6.
 - ARROW buttons (▲ / ▼ / ◀ / ▶)
 - (For use in highlighting a selection on a GUI menu screen, TITLE and MENU screen.)
 - PRESET (-/+) buttons
 - TUN. (-/+) buttons
7. SELECT/ENTER button
8. MENU button
(Use the MENU button to display the menu screen included on DVD video discs.)
9. SCAN (◀◀/▶▶)/ SLOW (◀|/▶|)/ SKIP (◀◀/▶▶) buttons
10. PROG./MEMO, REPEAT, REPEAT A-B buttons
11. STOP (■), PAUSE(⏸)/ STEP, PLAY (▶) buttons
12. CLEAR/ ZOOM/ DIMMER/ DISP.MODE buttons
13. ECHO VOL. (⊖/⊕) buttons
14. MIC VOL. (⊖/⊕) buttons
15. MARKER/ SEARCH buttons
16. VOLUME +/- buttons
17. TITLE button
(Use the TITLE button to display the title screen included on DVD video discs.)
18. DISPLAY button
19. SLEEP button
20. MUTE button

Remote Control Operation Range

Point the Remote Control at the remote sensor and press the buttons.

- **Distance:** About 23 ft (7 m) from the front of the remote sensor
- **Angle:** About 30° in each direction of the front of the remote sensor

Remote control battery installation



Detach the battery cover on the rear of the Remote Control, and insert two R03 (size AAA) batteries with ⊕ and ⊖ aligned correctly.

⚠ Caution

Do not mix old and new batteries. Never mix different types of batteries (standard, alkaline, etc.).

Connections

Connecting to a TV

- Make one of the following connections, depending on the capabilities of your existing equipment.

Tips

- Depending on your TV and other equipment you wish to connect, there are various ways you could connect the unit. Use one of the connections described below.
- Please refer to the manuals of your TV, VCR, Stereo System or other devices as necessary to make the best connections.



Caution

- Make sure the unit is connected directly to the TV. Select the correct AV input on your TV.
- Do not connect your unit to TV via your VCR. The DVD image could be distorted by the copy protection system.

Video connection

Connect the MONITOR OUT jack from the unit to the VIDEO IN jack on the TV using the video cable supplied (V).

S-Video connection

Connect the S-VIDEO OUT jack on the unit to the S-VIDEO IN jack on the TV using the S-Video cable (S).

Component Video (Color Stream®) connection

Connect the COMPONENT VIDEO (PROGRESSIVE SCAN) jacks from the unit to the corresponding in jacks on the TV using an Y Pb Pr cable (C).

Progressive Scan (ColorStream® pro) connection

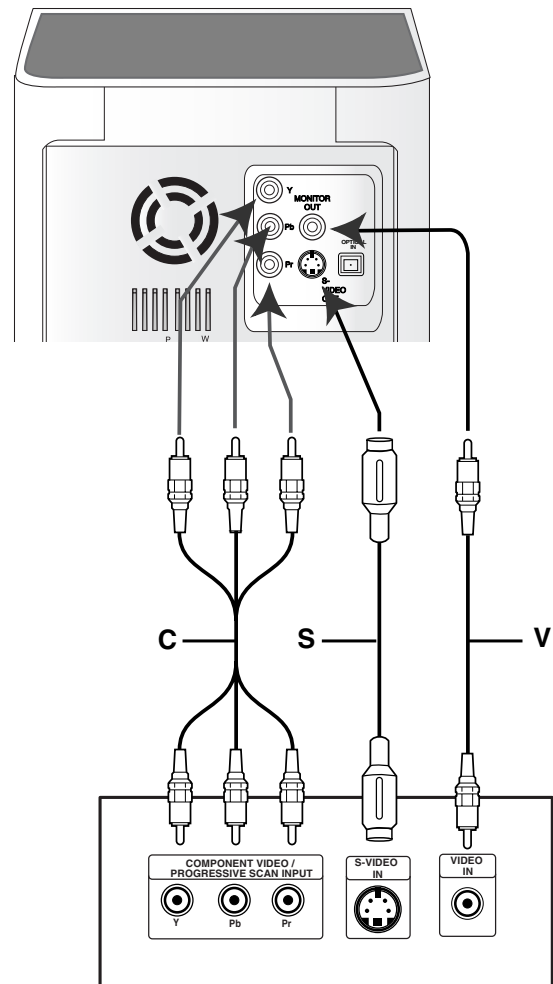
- If your television is a high-definition or “digital ready” television, you may take advantage of this unit’s progressive scan output for higher video resolution.
- If your TV does not accept the Progressive Scan format, the picture will appear scrambled if you try Progressive Scan on the unit.

Connect the COMPONENT VIDEO OUT (PROGRESSIVE SCAN) jacks from the unit to the corresponding in jacks on the TV using an optional Y Pb Pr cable (C).



Note

- Set the Progressive to “On” in the Setup menu for progressive signal, see page 14.



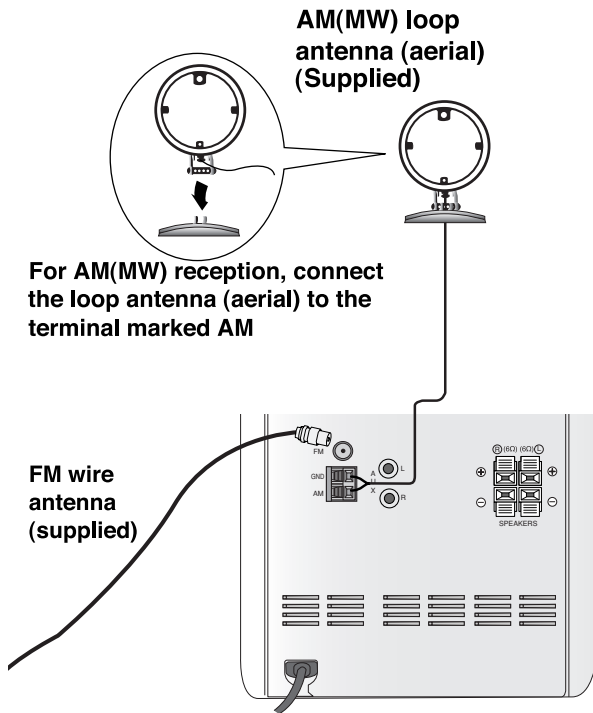
Rear of TV

Connections

Connecting to Antenna

Connect the supplied FM/AM antennas for listening to the radio.

- Connect the AM loop antenna to the AM antenna connector.
- Connect the FM wire antenna to the FM antenna connector.



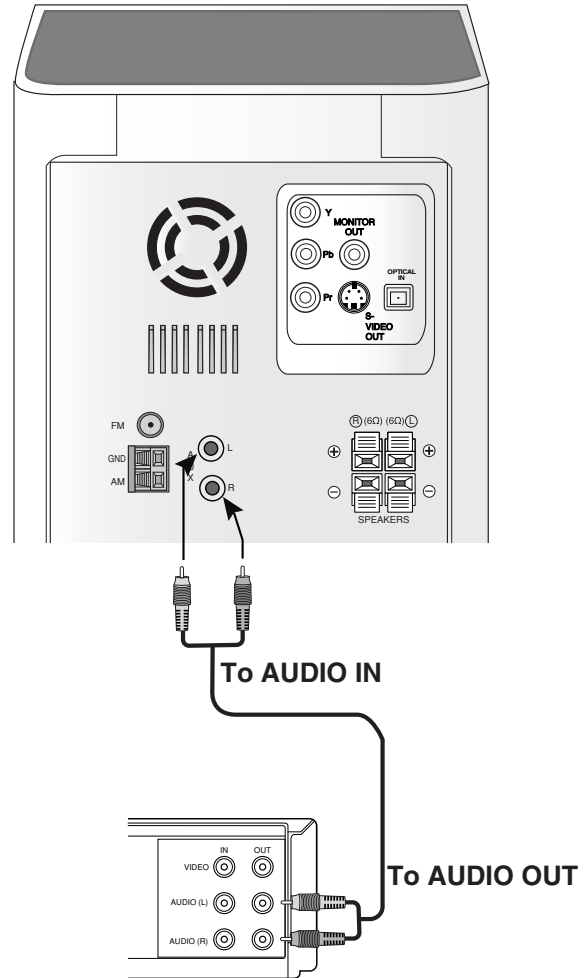
For AM(MW) reception, connect the loop antenna (aerial) to the terminal marked AM

Notes

- To prevent noise pickup, keep the AM loop antenna away from the unit and other component.
- Be sure to fully extend the FM wire antenna.
- After connecting the FM wire antenna, keep it as horizontal as possible.

Connecting to Auxiliary Equipment

You can use VCR or other unit connected to the AUX connector.



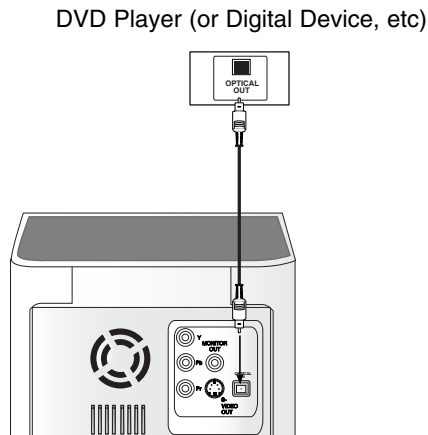
VCR (or Auxiliary Device, etc)

- 1** Connect a VCR or auxiliary device, etc to the AUX connector.
- 2** Select AUX function by turning the FUNCTION dial on the front panel or pressing the AUX/D.INPUT button on the Remote Control. "AUX" will be shown on the display window.

Connections

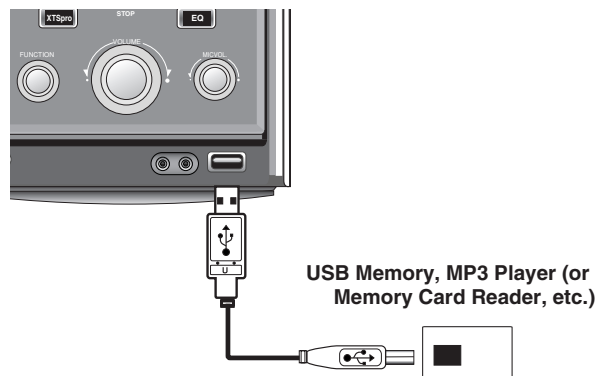
Connecting to Optional Equipment

You can use an optical output of a Digital Device to the OPTICAL IN connector.



- 1 Connect an optical output of DVD Player (or Digital Device etc) to the OPTICAL IN connector.
- 2 Select AUX OPT function by turning the FUNCTION dial on the front panel or pressing the AUX/D.INPUT button on the Remote Control. "AUX OPT" will be shown on the display window.

Connecting USB



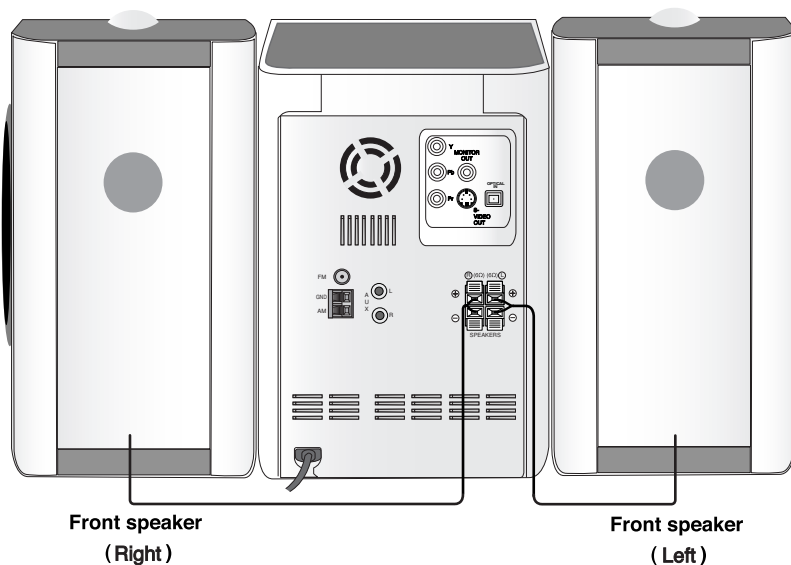
- 1 Connect the USB port of USB memory (or MP3 player, etc) to the USB connector on the front panel.
- 2 Select USB function by turning the FUNCTION dial on the front panel or pressing the USB button on the Remote Control. "USB" will be shown on the display window.

Note

Any DivX files in your memory card will not be able to be played.

Speaker System Connection

Connect the speaker cables to the speaker connector.



Notes

- Be sure to match the speaker cable to the appropriate terminal on the components: + to + and - to -. If the cords are reversed, the sound will be distorted and will lack base.
- If you use front speakers with low maximum input rating, adjust the volume carefully to avoid excessive output on the speakers.
- Connect the Left/Right speaker correctly. If it reversed, the sound may be distorted.

Before Operation

Volume Adjustment

- Turn VOLUME knob clockwise to increase the sound level, or counterclockwise to decrease it.
- Press VOLUME + to increase the sound level, or use VOLUME - to decrease it on the Remote Control.

Sound Quality Adjustment

- **To activate stereo sound**
Select a desired sound mode by using the EQ button on the front panel or the Remote Control. Each time you press the button the setting changes in the display window as shown below.
FLAT → POP → CLASSIC
↑ ↓
JAZZ ← DRAMA ← ROCK
- **Headphone Jack**
Connect a stereo headphone plug (ø3.5mm) into the headphone jack.
The speakers are automatically disabled when you plug in headphones (not supplied).

MUTE

Press MUTE to turn off the sound, press again to restore. You can mute your unit in order to answer the telephone. The "x" indicator flashes in the display window.

XDSS (Extreme Dynamic Sound System)

Press XDSS button repeatedly to reinforce treble and bass.
XDSS ON → XDSS OFF



MP3 Optimizer

This function optimizes compressed MP3 file. It provides improvement to the bass sound. Each time you press MP3 OPT. the setting changes in the following order.
MP3-OPT ON → MP3-OPT OFF



XTS pro

Each time you press XTS pro the setting changes in the following order.
XTS-P ON → XTS-P OFF



SPECTRUM Effect

Each time you press the DISP.MODE button repeatedly on the Remote Control, you can check the spectrum change of 6 types in the display window.

DIMMER

This function dims the LED of the front panel by half in power-on status.
Press DIMMER once. The LED (Light-emitting diode) of front panel is turned off. If you press it once more, the display window will be darkened by half. To cancel, press the button again.

Setting the Clock

- 1 Press CLOCK.**
(If the clock requires setting, press and hold CLOCK for more than 2 seconds.)
- The hours display begins to blink.
- 2 Select a 24 hour cycle or 12 hour cycle by pressing** **on the front panel.**
 or
(12HR) or (24HR)
- 3 Press SET/CDII to confirm the selected hour cycle.**
- 4 Use** **on the front panel to set the correct hours.**
- 5 Press SET/CDII.**
- 6 Use** **on the front panel to set the correct minutes.**
- 7 Press SET/CDII and the correct time is shown on the display window.**

Note

When the clock does not appear in the display window, follow as below.

- In case the clock is set, press the CLOCK button. The clock will be shown in the display window for about 5 seconds.
- In case the clock is not set, the clock will be blinked in the display window for about 1 minute. Set the clock as above.

Sleep Timer Function

When the sleep timer is set, the unit automatically turns off after the specified time has elapsed.

- 1 To specify the time delay before the power is turned off, press SLEEP.**
In the display window you can see *SLEEP 180* for about 5 seconds. This means that the system turns off automatically after 180 minutes.
- 2 Each time you press SLEEP the setting changes in the following order.**
SLEEP 180 → 150 → 120 → 90 → 80 → 70 → 60 → 50 → 40 → 30 → 20 → 10 → OFF → SLEEP 180..
- 3 To check the remaining time until the power is turned off.**
While the sleep function is active press **SLEEP** briefly. The time remaining until the unit turns off is displayed for about 5 seconds.

Note

If you press **SLEEP** while the sleep time is displayed, the SLEEP time is reset.

To cancel Sleep Timer setting

If you wish to stop the function, press the **SLEEP** button repeatedly until "*SLEEP 10*" appears, and then press **SLEEP** once again after "*SLEEP 10*" shows on the display.

Before Operation

Timer Function

With the **TIMER** function you can have the radio reception, CD play and USB play turned on and off at the time desired.

1 Press **CLOCK** to check the current time.

For your reference

If you don't set clock, timer function doesn't work.

2 Press **⊖TIMER** to enter the timer setting mode.
TUNER→DVD/CD →USB flash in the display window in turn.

For your reference

If you want to correct the previous memorized **TIMER** setting, press and hold the **⊖TIMER** button more than 2 seconds.

- The previous memorized timer setting for on Time and "⊖" indicator appears in the display window.

3 Press **SET/CDII** when the desired function flashes.

- 4** 1. When you select the **TUNER** function,
Select the previous memorized preset number with **⏪ ⏩** on the front panel and press **SET/CDII**.
'ON TIME' indicator appears for about 0.5 seconds in the display window and then disappears.
2. When you select **DVD/CD** or **USB** function,
'ON TIME' indicator appears for about 0.5 seconds in the display window and then disappears.

5 Set the hour to switch on by pressing **⏪ ⏩** on the front panel.

6 Press **SET/CDII** to confirm the turn on hour time.

7 Set the minute to switch on by pressing **⏪ ⏩** on the front panel.

8 Press **SET/CDII** to confirm the turn on minutes time.
'OFF TIME' indicator appears for about 0.5 seconds in the display window and then disappears.

9 Set the hour to switch off by pressing **⏪ ⏩** on the front panel.

10 Press **SET/CDII**.

11 Set the minute to switch off by pressing **⏪ ⏩** on the front panel.

12 Press **SET/CDII**.

13 Adjust the volume level by pressing **⏪ ⏩** on the front panel.

14 Press **SET/CDII**.
"⊖" appears in the display window and the timer setting has been completed.

15 Turn the system off.
The selected timer functions are automatically switched on and off at the preset times.

To cancel or check the timer

Each time the **⊖TIMER** button is pressed you can select the timer set or cancel. You can also check the timer setting status.

To activate or check the timer, press the **⊖TIMER** button repeatedly so that "⊖" appears in the display window.

To cancel the **TIMER**, press the **⊖TIMER** button repeatedly so that "⊖" disappears from the display window.

Using Microphone

You can sing to a music source by connecting a microphone to the unit.

- 1** Connect your microphone to the **MIC** socket.
" / " will be shown in the display window.
- 2** Play the music you want.
- 3** Sing along with the accompaniment.
Adjust the microphone volume by turning **MIC VOLUME KNOB**.

Notes

- When not using the microphone, set the **MIC** volume knob to minimum or turn off the **MIC** and remove the microphone from the **MIC** socket.
- If the microphone is set too near the speaker, a howling sound may be produced. In this case, move the microphone away from the speaker or decrease the sound level by using the **MIC** volume control.
- If sound through the microphone is extremely loud, it may be distorted. In this case, turn the **MIC** volume control toward minimum.

To Adjust ECHO Volume


You can give an echo effect to the sound from the microphones.

Press the **ECHO VOL.** (⊖/⊕) on the Remote Control to increase the echo volume or decrease it.

Before Operation

Mini Glossary for Audio Stream & Surround mode

DIGITAL

The Dolby Digital surround format lets you enjoy up to 5.1 channels of digital surround sound from a Dolby Digital program source. If you play DVDs with “” mark, you can enjoy even better sound quality, greater spatial accuracy, and improved dynamic range.

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

BYPASS

Outputs the sound from the front left and right speakers and subwoofer.

Sound Mode **DVD** **CD**

You can enjoy surround sound simply by selecting one of the pre-programmed sound fields according to the program you want to listen to.

When DVD is inserted

You can change the Digital Audio Output mode by pressing the **AUDIO** button on the Remote Control during playback. Although the DVD contents differ from disc to disc, the following explains the basic operation when this feature is used.



Each time you press **SOUND** button, the “**BYPASS**” indicator will only be shown in the display window.

When CD is inserted

Each time you press **SOUND** button, the sound mode of Audio CD is changed on the display window in the following order.

BYPASS → STUDIO → CLUB → HALL → THEATER 1 → CHURCH → BYPASS...

For your reference

- **You can identify the encoding format of program software by looking at its packaging.**
 - Dolby Digital discs are labelled with the  logo.
 - Dolby Surround encoded programs are labelled with the  logo.

Note

When you play sound tracks with 96kHz sampling frequency, the output signals will be converted to 48kHz (sampling frequency).

Before Operation




Caution:

Before using the Remote Control, press the **DVD** button to select the device to be operated.

General Explanation

This manual gives basic instructions for operating the unit. Some DVDs require specific operation or allow only limited operation during playback.



When this occurs, the symbol  appears on the TV screen, indicating that the operation is not permitted by the unit or is not available on the disc.

On-Screen Display






















General playback status can be displayed on the TV screen. Some items can be changed on the menu.



On-screen display operation

1 Press **DISPLAY** during playback.





2 Press  /  to select an item.
The selected item will be highlighted.

Example: On-Screen Display during playing DVD

Items	Function / Action using  /  to select item	Selection Method
Title Number	 1 / 3	 /  , Numbers or SELECT/ENTER
Chapter Number	 1 / 12	 /  , Numbers or SELECT/ENTER
Time search	 0:20:09	Numbers, SELECT/ENTER
Audio language and Digital Audio Output mode	 1 ENG D DD 5.1 CH	 /  or AUDIO
Subtitle language	 1 ENG	 /  or SUBTITLE
Angle	 1 / 3	 / 
Sound	 Bypass	 /  or SOUND

3 Press  or  to change the setting of an item.
The number buttons can be also be used for setting numbers (e.g., title number). For some functions, press SELECT/ENTER to execute the setting.

Temporary Feedback Field Icons

-  Title Repeat title
-  A - B Repeat sequence
-  Resume play from this point
-  Action prohibited or not available

Notes

- Some discs may not provide all of the features on the on-screen display example shown below.
- If no button is pressed for 10 seconds, the on-screen display disappears.

Before Operation

Initial Settings

By using the Setup menu, you can make various adjustments to items such as picture and sound. You can also set a language for the subtitles and the Setup menu, among other things. For details on each Setup menu item, see pages 13 to 15.

To display and exit the Menu:

Press **SETUP** to display the menu. A second press of **SETUP** will take you back to initial screen.

To go to the next level:

Press **▶** on the Remote Control.

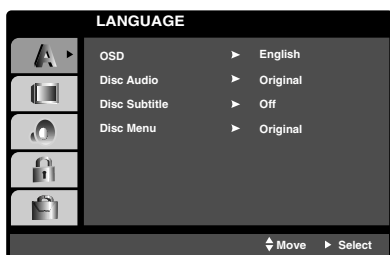
To go back to the previous level:

Press **◀** on the Remote Control.

General Operation

- 1 Press SETUP.**
The setup menu appears.
- 2 Use ▲ / ▼ to select the desired option then press ▶ to move to the second level.**
The screen will be shown the current setting for the selected item, as well as alternate setting(s).
- 3 Use ▲ / ▼ to select the second desired option then press ▶ to move to the third level.**
- 4 Use ▲ / ▼ to select the desired setting then press SELECT/ENTER to confirm your selection.**
Some items require additional steps.
- 5 Press SETUP or PLAY to exit the setup menu.**

LANGUAGE



OSD

Select a language for the Setup menu and on-screen display.

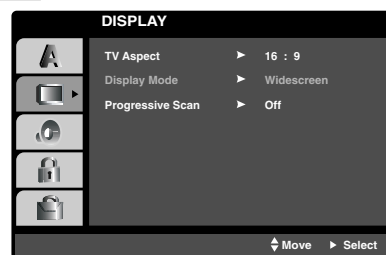
Disc Audio / Subtitle / Menu **DVD**

Select the language you prefer for the audio track (disc audio), subtitles, and the disc menu.

Original: Refers to the original language in which the disc was recorded.

Other: To select another language, press number buttons to enter the corresponding 4-digit number according to the language code list on page 26. If you enter the wrong language code, press **CLEAR** on the Remote Control.

DISPLAY



TV Aspect **DVD**

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

16:9: Select when a 16:9 wide TV is connected.

Display Mode **DVD**

Display Mode setting works only when the TV Aspect mode is set to "4:3".

Letterbox: Displays a wide picture with bands on the upper and lower portions of the screen.

Panscan: Automatically displays the wide picture on the entire screen and cuts off the portions that do not fit.

Progressive Scan **DVD**

Progressive Scan Video provides higher quality pictures with less flickering.

If you are using the Component Video jacks for connection to a TV or monitor that is compatible with a progressive scan signal, set Progressive Scan to On.

To Turn ON progressive scan:

Connect component out of the DVD to the input of your monitor/television, set your television or monitor to Component Input.

- Select "Progressive Scan" on the DISPLAY menu then press **▶**.
- Select "On" using the **▲ / ▼** buttons.
- Press **SELECT/ENTER** to confirm your selection. The confirm menu will appear.
- When the confirm menu appears on your screen **Cancel** is highlighted as default. Use the **◀ / ▶** buttons to highlight **Enter**.
- Pressing "Enter" will set the player to Progressive scan mode.

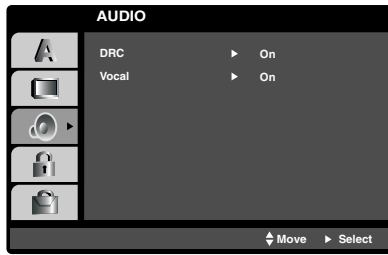
⚠ Caution

Once the setting for progressive scan output is entered, an image will only be visible on a progressive scan compatible TV or monitor. If you set Progressive Scan to On in error, you must reset the unit.

- Remove any disc from the unit and close the disc tray. See that "NO DISC" is displayed on the display window
- Press and hold **STOP (■)** for five seconds then release it. The video output will be restored to the standard setting, and a picture will once again be visible on a conventional analog TV or monitor.

Before Operation

AUDIO



Dynamic Range Control (DRC) **DVD**

With the DVD format, you can hear a program's soundtrack in the most accurate and realistic presentation possible, thanks to digital audio technology. However, you may wish to compress the dynamic range of the audio output (the difference between the loudest sounds and the quietest ones). Then, you may listen to a movie at a lower volume without losing dialog intelligibility. Set DRC to On for this effect.

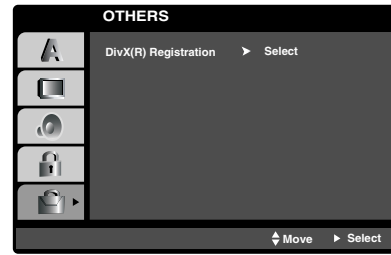
N Notes

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

Vocal **DVD**

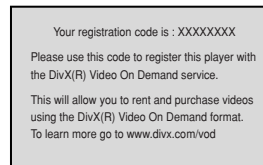
Set Vocal to On only when a multi-channel Karaoke DVD is playing. The karaoke channels on the disc will mix into a normal stereo sound.

OTHERS



DivX(R) Registration **DivX**

You can show the DivX DRM (Digital Right Management) Registration code for your unit only.

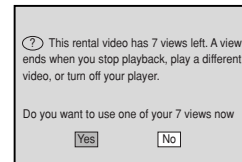


The Registration code is used for VOD (Video-On-Demand) service agent. You can purchase or rental an encrypt movie file.

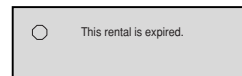
N Notes

If you rent the DivX VOD file, it has several options of viewing limits as show below.

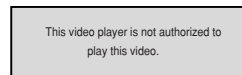
- Display the number which you can watch the file.



- The rental has been expired.

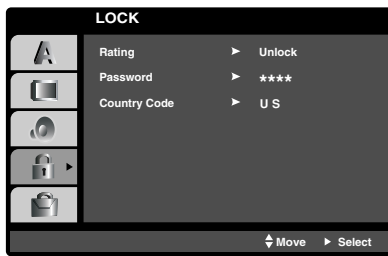


- Display the authorization error.



Before Operation

LOCK (Parental Control)



Rating **DVD**

Some movies contain scenes that may not be suitable for children to view. Many of these discs contain parental control information that applies to the complete disc or to certain scenes on the disc. Movies and scenes are rated from 1 to 8, depending on the country. Some discs offer more suitable scenes as an alternative.

The parental control feature allows you to block access to scenes below the rating you input, thereby preventing your children from being able to view material you believe is unsuitable.

1 Select "Rating" on the LOCK menu then press **▶**.

2 To access the Rating, Password and Country Code features, you must input the 4-digit security code you created.

If you have not yet entered a security code you are prompted to do so.

Input a 4-digit code and press SELECT/ENTER. Enter it again and press SELECT/ENTER to verify. If you make a mistake before pressing SELECT/ENTER, press CLEAR.

3 Select a rating from 1 to 8 using the **▲** / **▼** buttons.

Rating 1-8: Rating one (1) has the most restrictions and rating eight (8) is the least restrictive.

Unlock

If you select unlock, parental control is not active and the disc plays in full.

Note

If you set a rating for the player, all disc scenes with the same rating or lower are played. Higher rated scenes are not played unless an alternate scene is available on the disc. The alternative must have the same rating or a lower one. If no suitable alternative is found, playback stops. You must enter the 4-digit password or change the rating level in order to play the disc.

4 Press SELECT/ENTER to confirm your rating selection, then press SETUP to exit the menu.

Password (Security Code)

You can enter or change password.

- 1 Select Password on the LOCK menu then press **▶**.
- 2 Follow step 2 as shown left (Rating). "Change" or "New" is highlighted.
- 3 Enter the new 4-digit code, then press SELECT/ENTER. Input it again to verify.
- 4 Press SETUP to exit the menu.

If you forget your Security Code

If you forget your security code you can clear it using the following steps:

- 1 Input the 6-digit number "210499" in the setup menu and the security code is cleared.
- 2 Enter a new code as described above.

Note

When "INPUT PASSWD ■■■■■■" appears on the TV screen, press STOP (**■**) and then press SETUP to move to the setup menu.

Country Code **DVD**

Enter the code of the country/area whose standards were used to rate the DVD video disc, based on the list in the reference chapter.

1 Select "Country Code" on the LOCK menu then press **▶**.

2 Follow step 2 as shown left (Rating).

3 Select the first character using **▲** / **▼** buttons.

4 Shift the cursor using **▶** button and select the second character using **▲** / **▼** buttons.

5 Press SELECT/ENTER to confirm your country code selection.

Operation with DVD

Playing a DVD

Playback Setup **DVD**

- Turn on the TV and select the video input source connected to the unit.
- Audio system: Turn on the audio system and select the input source connected to the unit.

- 1** Press **▲ OPEN/CLOSE** button to open the disc tray.
- 2** Load your chosen disc in the tray, with the playback side facing down.
- 3** Press **▲ OPEN/CLOSE** button to close the tray. Playback starts automatically. If playback does not start, press **PLAY**.
In some cases, the disc menu might appear instead.

1 If a menu screen is displayed

The menu screen may be displayed first after loading a DVD which contains a menu.

DVD

Use the **▲** / **▼** / **◀** / **▶** buttons to select the title/chapter you want to view, then press **SELECT/ENTER** to start. Press **TITLE** or **MENU** to return to the menu screen.

N Notes

- If parental control is set and the disc is not within the rating settings you must input the password. (See "LOCK" on page 16.)
- DVDs may have a region code. Your player will not play discs that have a region code different from your player. The region code for this player is 1 (one).

General Features

N Note

Unless stated otherwise, all operations described use the Remote Control. Some features may also be available in the Setup menu.

Moving to another TITLE **DVD**

When a disc has more than one title, you can move to another title. Press **DISPLAY** while playback is stopped then the appropriate number (0-9) or use **◀** / **▶** to move to another title.

You can play any title by inputting its number while playback is stopped.

Moving to another CHAPTER/TRACK

DVD **DivX**

When a title on a disc has more than one chapter or a disc has more than one track, you can move to another chapter/track as follows:

- Press **◀◀** or **▶▶** briefly during playback to select the next chapter/track or to return to the beginning of the current chapter/track.
- Press **◀◀** twice briefly to step back to the previous chapter/track.
- To go directly to any chapter during DVD playback, press **DISPLAY** and press **▲** / **▼** to select the chapter/track icon. Then, input the chapter/track number or use **◀** / **▶**.

Search **DVD** **DivX**

- 1** Press **◀◀** or **▶▶** during playback.
The player will now go into SEARCH mode.
- 2** Press **◀◀** or **▶▶** repeatedly to select the required speed: **◀◀X2**, **◀◀X4**, **◀◀X8**, **◀◀X16**, **◀◀X100** (backward) or **▶▶X2**, **▶▶X4**, **▶▶X8**, **▶▶X16**, **▶▶X100** (forward).
With a DivX, the Search speed changes: **◀◀X2**, **◀◀X4**, **◀◀X8**, **◀◀X16** (backward) or **▶▶X2**, **▶▶X4**, **▶▶X8**, **▶▶X16** (forward).
- 3** To exit SEARCH mode, press **PLAY**.

Still Picture and Frame-by-frame playback

DVD **DivX**

- 1** Press **PAUSE/STEP** on the Remote Control during playback.
The player will now go into PAUSE mode.
- 2** You can advance the picture frame-by-frame by pressing **PAUSE/STEP** repeatedly on the Remote Control.
- 3** To exit still motion mode, press **PLAY**.

Operation with DVD

General Features (continued)

Slow Motion **DVD**

- 1 Press **◀** or **▶** on the Remote Control during playback.
The player will enter SLOW mode.
- 2 Use the **◀** or **▶** to select the required speed: **◀** 1/2, **◀** 1/4, **◀** 1/8 or **◀** 1/16 [(backward) - DVD only] or **▶** 1/2, **▶** 1/4, **▶** 1/8 or **▶** 1/16 (forward).
- 3 To return to normal PLAY, press PLAY.

Repeat **DVD** **DivX**

You can play a title/chapter/all/track on a disc.

Press REPEAT during playback to select a desired repeat mode.

DVD Video Discs - Repeat Chapter/Title/Off

- Chapter: repeats the current chapter.
- Title: repeats the current title.
- Off : does not play repeatedly.

DivX - Repeat Track/All/Off

- Track : repeats the current track
- All : repeats all the tracks on a disc.
- Off : does not play repeatedly.

Repeat A-B **DVD**

To repeat a sequence in a title:

- 1 Press REPEAT A-B at your chosen starting point.
“A - ” appears briefly on the TV screen.
- 2 Press REPEAT A-B again at your chosen end point.
“A - B” appears briefly on the TV screen, and the repeat sequence begins.
- 3 To cancel the sequence, press REPEAT A-B.

Time Search **DVD**

The Time Search function allows you to start playing at any chosen time on the disc.

- 1 Press DISPLAY during playback. The on-screen display appears on the screen.
The Time Search box shows the elapsed playing time of the current disc.
- 2 Within 10 seconds, press **▲** / **▼** to select the Time Search icon in the on-screen display.
The “:--:--” appears in the Time Search box.
- 3 Within 10 seconds, use the number buttons to enter the required start time. Enter hours, minutes, and seconds from left to right in the box.
If you enter the wrong numbers, press CLEAR to remove the numbers you entered. Then enter the correct numbers.
- 4 Within 10 seconds, press SELECT/ENTER to confirm the start time.
Playback starts from the selected time on the disc. If you enter an invalid time, playback will continue from the current point.

Zoom **DVD**

The Zoom function allows you to enlarge the video image and to move through the enlarged image.

- 1 Press ZOOM during playback or still playback to activate the Zoom function.
If you press ZOOM repeatedly, the magnification level increases up to four steps.
100% size → 400% size → 800% size → 1600% size → 100% size
- 2 Use the **▲** / **▼** / **◀** / **▶** buttons to move through the zoomed picture.

Note

The zoom function may not work for some DVDs.

Marker Search **DVD**

You can start playback from a memorized point. Up to nine points can be memorized.

To enter a mark, follow these steps.

- 1 During disc playback, press MARKER when playback reaches the spot that you want to memorize.
The Marker icon will appear on the TV screen briefly.
- 2 Repeat step 1 to enter up to nine Marker points on a disc.

To Recall a Marked Scene

- 1 During disc playback, press SEARCH.
The MARKER SEARCH menu will appear on the screen.
- 2 Within 10 seconds, press **◀** / **▶** to select a Marker number that you want to recall.
- 3 Press SELECT/ENTER.
Playback will start from the Marked scene.
- 4 To remove the MARKER SEARCH menu, press SEARCH.





To clear a Marked Scene

- 1 During disc playback, press SEARCH.
The MARKER SEARCH menu will appear on the screen.
- 2 Press **◀** / **▶** to select the Marker number that you want to erase.
- 3 Press CLEAR.
The Marker number will be erased from the list.
- 4 Repeat steps 2 and 3 to erase additional Marker numbers.
- 5 To remove the MARKER SEARCH menu, press SEARCH.

Operation with DVD

Special DVD Features **DVD**

Checking the contents of DVD Video discs: Menus

DVDs may offer menus that allow you to access special features. To use the disc menu, press MENU. Then, press the appropriate number button to select an option. Or, use the  /  /  /  buttons to highlight your selection, then press SELECT/ENTER.

Title Menu **DVD**





- 1 Press TITLE.
If the current title has a menu, the menu will appear on the screen. Otherwise, the disc menu may appear.
- 2 The menu can list camera angles, spoken language and subtitle options, and chapters for the title.
- 3 To remove the title menu, press TITLE again.

Disc Menu **DVD**

Press MENU.
The disc menu is displayed.

Camera Angle **DVD**

If the disc contains scenes recorded at different camera angles, you can change to a different camera angle during playback.

- 1 Press DISPLAY and then press the  /  to select a angle.
The number of the current angle appears on the display window.
- 2 Select a desired angle pressing the  /  buttons.


Changing the Audio Language **DVD**

Press AUDIO repeatedly during playback to hear a different audio language or audio track.

Subtitle **DVD** **DivX**

Press SUBTITLE repeatedly during playback to see the different subtitle languages.

Note

If  appears, the feature is not available on the disc.

Last Scene Memory **DVD**

This player memorizes last scene from the last disc that is viewed. The last scene remains in memory even if you remove the disc from the player or switch off the player. If you load a disc that has the scene memorized, the scene is automatically recalled.

Note

This player does not memorize the scene of a disc if you switch off the player before commencing to play the disc.

Screen Saver

The screen saver appears when you leave the DVD player in Stop mode for about five minutes.

Operation with Audio CD and MP3/WMA Disc

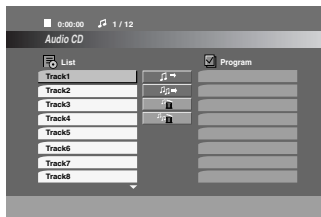
Playing an Audio CD and MP3/WMA

Disc **CD** **MP3** **WMA**

The unit can play MP3/WMA formatted recordings on CD-ROM, CD-R, or CD-RW discs.

Audio CD

Once you insert an audio CD a menu appears on the TV screen. Press **▲** / **▼** to select a track then press **PLAY** or **SELECT/ENTER** and playback starts.



MP3 / WMA

1. Press **▲** / **▼** to select a folder, and press **SELECT/ENTER** to see the folder contents.
2. Press **▲** / **▼** to select a track then press **PLAY** or **SELECT/ENTER**. Playback starts.



Notes

- If you are in a file list on the MP3/WMA menu and want to return to the Folder list, use the **▲** / **▼** to highlight **⌂** on the stop mode and press **SELECT/ENTER**.
- Press **MENU** to move to the next page.
- On a CD with MP3/WMA file and JPEG file, you can switch MP3/WMA and JPEG menu. Press **TITLE** on the stop mode and MP3/WMA or JPEG word on top of the menu is highlighted. Then, use **◀** / **▶** to select MP3/WMA or JPEG then press **SELECT/ENTER**.

Pause **CD** **MP3** **WMA**

- 1 Press **PAUSE/STEP** during playback.
- 2 To return to playback, press **PLAY** or press **PAUSE/STEP** again.

Moving to another Track **CD** **MP3** **WMA**

- Press **⏪** or **⏩** briefly during playback to go to the next track or to return to the beginning of the current track.
- Press **⏪** twice briefly to step back to the previous track.
- In case of audio CD, to go directly to any track, enter the track number using the numbered buttons (0-9) during playback.

Repeat Track/All/Off **CD** **MP3** **WMA**

You can play a title/chapter/all/track on a disc.

- 1 Press **REPEAT** when playing a disc. The repeat icon appears.
- 2 Press **REPEAT** to select a desired repeat mode.
 - Track: repeats the current track
 - All: repeats all the tracks on a disc.
 - Off(No display): does not play repeatedly.

Search **CD** **MP3** **WMA**

- 1 Press **◀◀** or **▶▶** during playback. The player will now go into **SEARCH** mode.
- 2 Press **◀◀** or **▶▶** repeatedly to select the required speed: **◀◀X2**, **◀◀X4**, **◀◀X8** (backward) or **▶▶X2**, **▶▶X4**, **▶▶X8** (forward).
- 3 To exit **SEARCH** mode, press **PLAY**.

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

- Sampling frequency: within 32 - 48 kHz (MP3), within 24 - 48kHz (WMA)
- Bit rate: within 32 - 320kbps (MP3), 40 - 192kbps (WMA)
- The player cannot read an MP3/WMA file that has a file extension other than ".mp3" / ".wma".
- CD-R physical format should be ISO 9660
- If you record MP3 / WMA files using software that cannot create a file system (eg. Direct-CD) it is impossible to playback MP3 / WMA files. We recommend that you use Easy-CD Creator, which creates an ISO 9660 file system.
- File names should have a maximum of 8 letters and must incorporate an .mp3 or .wma extension.
- They should not contain special letters such as / ? * : " < > | etc.
- The total number of files on the disc should be less than 999.

This unit requires discs and 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 or WMA files) and these require certain pre-existing conditions (see above) to ensure compatible playback.

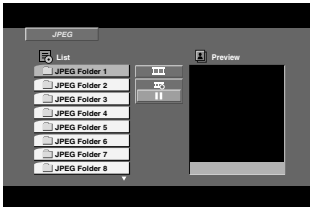
Customers should note that permission is required in order to download MP3 / WMA files and music from the Internet. Our company has no right to grant such permission. Permission should always be sought from the copyright owner.

Operation with JPEG Disc

Viewing a JPEG disc **JPEG**

This unit can play discs with JPEG files.
Before playing JPEG recordings, read the notes on JPEG Recordings on right.

- 1 Insert a disc and close the tray.**
The JPEG menu appears on the TV screen.



- 2 Press ▲ / ▼ to select a folder, and press SELECT/ENTER. A list of files in the folder appears.**

Tip


If you are in a file list and want to return to the Folder list, use the ▲ / ▼ buttons on the Remote Control to highlight “⏮” and press SELECT/ENTER to return to the previous menu screen.

- 3 If you want to view a particular file, press ▲ / ▼ to highlight a file and press SELECT/ENTER or PLAY.**

Slide Show starts from the selected file if Speed option is not Off.

While viewing a file, you can press STOP(■) to move to the previous menu (JPEG menu).

Tip

- Press MENU to move to the next page.
- There are four Slide Speed options:  : > (Slow), >> (Normal), >>> (Fast) and II (off).
Use ▲ / ▼ / ◀ / ▶ to highlight the Speed. Then, use ◀ / ▶ to select the option you want to use then press SELECT/ENTER.
- If you set Speed option to Off, Slide Show is not active.

Slide Show **JPEG**

Use ▲ / ▼ / ◀ / ▶ to highlight the  (Slide Show) then press SELECT/ENTER.

Moving to another File **JPEG**

Press ◀◀ or ▶▶ once during viewing a picture to advance to the next file or to the previous file.

Still Picture **JPEG**

- 1 Press PAUSE/STEP during slide show.
The player will now go into PAUSE mode.
- 2 To return to the slide show, press PLAY or press PAUSE/STEP again.

To rotate picture **JPEG**

Press ◀ / ▶ during showing a picture to rotate the picture clockwise or counter-clockwise.

JPEG disc compatibility with this player is limited as follows:

- Depending upon the size and number of JPEG files, it could take a long time for the DVD player to read the disc's contents. If you don't see an on-screen display after several minutes, some of the files may be too large — reduce the resolution of the JPEG files to less than 2760 x 2048 pixels and burn another disc.
- The total number of files and folders on the disc should be less than 999.
- Some discs may be incompatible due to a different recording format or the condition of disc.
- Ensure that all the selected files have the “.jpg” extensions when copying into the CD layout.
- If the files have “.jpe” or “.jpeg” extensions, please rename them as “.jpg” file.
- File names without “.jpg” extension will not be able to be read by this DVD player. Even though the files are shown as JPEG image files in Windows Explorer.

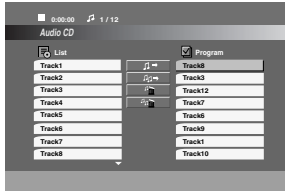
Programmed Playback **CD** **MP3** **WMA**

The Program function enables you to store your favorite tracks from any disc in the player memory. A program can contain 300 tracks (Audio CD/MP3/WMA).

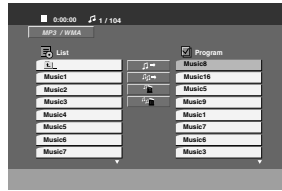
1 Insert a disc.

Audio CD and MP3/WMA Discs:

Audio CD or MP3/WMA menu appears as below.



Audio CD Menu




MP3/WMA Menu

2 Select a track on the List.

3 Press PROGRAM. Or, select “ (Add)” icon then SELECT/ENTER to place the selected track on the Program list. Repeat to place additional tracks on the list.

Note

You can add all tracks in the disc. Select “ (Add All)” icon then press SELECT/ENTER.

4 Select the track you want to start playing on the Program list.

Tip

Press MENU to move to the next page.

5 Press PLAY or SELECT/ENTER to start.






Playback begins in the order in which you programmed the tracks and “PROG.” appears on the display window. Playback stops after all of the tracks on the Program list have played once.

Repeat Programmed Tracks


You can play a title/chapter/all/track on a disc.

- 1 Press REPEAT when playing a disc. The repeat icon appears.
- 2 Press REPEAT to select a desired repeat mode.
 - Track: repeats the current track
 - All: repeats all the tracks on a disc.
 - Off (No display): does not play repeatedly.

Erasing a Track from Program List

- 1 Use  /  /  /  to select the track that you wish to erase from the Program list.
- 2 Press CLEAR. Or, select “ (Delete)” icon then Press SELECT/ENTER to place the selected track on the Program list. Repeat to erase additional tracks on the list.

Erasing the Complete Program List

Select “ (Del all)” , then press SELECT/ENTER. The complete Program for the disc is erased.

Note

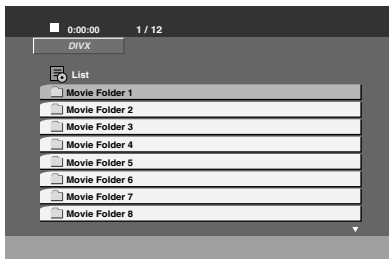
The programs are also cleared when the disc is removed.

To resume normal playback from programmed playback
Select a track on the List then press SELECT/ENTER. “PROG.” disappears from the display window.

Operation with DivX Disc

The unit can play the DivX files.

- 1 Insert a disc and close the tray.**
The DivX menu appears on the TV screen.



- 2 Press ▲ / ▼ to select a folder, and press SELECT/ENTER to see the folder contents.**

Tip

If you are in a file list and want to return to the Folder list, use the ▲ / ▼ buttons on the Remote Control to highlight "⏮" and press SELECT/ENTER to return to the previous menu screen.

- 3 If you want to view a particular file, press ▲ / ▼ to highlight a file and press SELECT/ENTER or PLAY.**
Playback starts.

- 4 Press STOP(■) to exit.**

Notes

- Be sure to select "SUBTITLE ON" mode by pressing the subtitle file every time before playing a DivX file .
- When the subtitle has more than two languages in the file, original subtitle is only available.
- The DivX files in your memory card will not be able to be play.

Display **DivX**

Press DISPLAY during playback.

General playback status can be displayed on the TV screen.

DivX disc compatibility with this player is limited as follows:

- Available resolution size of the DivX file is under 720x576 (W x H) pixel.
- The file name of the DivX subtitle is available by 20-40 characters (differs from language).
- If there is impossible code to express in the DivX file, it may be displayed as " _ " mark on the display.
- **If the number of the screen frame is over 30 per 1 second, this unit may not operate normally.**
- **If the video and audio structure of recorded file is not interleaved, either video or audio is out-putted.**
- **If the file is recorded with GMC, the unit supports some of 1-point of the record level.**
* GMC?
GMC is the acronym for Global Motion Compensation. It is an encoding tool specified in MPEG4 standard. Some MPEG4 encoders, like DivX or Xvid, have this option. There are different levels of GMC encoding, usually called 1-point, 2-point, or 3-point GMC.

Playable DivX subtitle file

- ".srt ", ".smi ", ".sub "

Playable DivX file

- ".avi ", ".mpg ", ".mpeg "

Playable Codec format

- "DIVX3.xx ", "DIVX4.xx ", "DIVX5.xx ", "XVID ", "MP43 ", "3IVX ", "MP42 "

Playable Audio format

- "AC3 ", "DTS ", "PCM ", "MP3 ", "WMA "
 - Sampling frequency: within 32 - 48 kHz (MP3), within 24 - 48kHz (WMA)
 - Bit rate: within 32 - 320kbps (MP3), 40 - 192kbps (WMA)

Operation with RADIO

Presetting the radio stations

You can preset 50 stations for FM and AM. Before tuning, make sure that you have turned the volume down to the minimum level.

1 Press TUNER/BAND on the Remote Control to show either FM or AM in the display window. Or Turn FUNCTION dial on the front panel. Every time you press this button, AM and FM changes alternately.

2 Select a station you want by pressing TUN. (-/+) buttons.

Notes

- **Automatic Tuning**

Press TUN. (-/+) for more than 0.5 second.
- Scanning stops when the unit tunes in a station.

- **Manual Tuning**

Press TUN. (-/+) briefly and repeatedly.

3 Press PROG./MEMO. on the Remote Control. A preset number will flash in the display window.

4 Press PRESET (-/+) on the Remote Control to select the preset number you want.

5 Press PROG./MEMO. again. The station is stored.

6 Repeat steps 1 (or 2) to 5 to store other stations.

To clear all memorized stations

Press and hold PROG./MEMO. on the Remote Control for about two seconds, "CLEAR ALL" appears in the display window and then press PROG./MEMO. on the Remote Control, the stations are cleared.

For your reference

If all stations have already been entered, "FULL" message will appear in the display window for a moment and then a preset number will flash. To change the preset number, follow the steps 4-5 .

To recall preset numbers

Press and hold PRESET (-/+) on the Remote Control until the desired preset number appears or press the button repeatedly.

Listening to the radio

1 Press TUNER/BAND on the Remote Control to show either FM or AM in the display window. Or Turn FUNCTION dial on the front panel.

The last received station is tuned in.

2 Press PRESET (-/+) on the Remote Control repeatedly to select the preset station you want. Each time you press this button, the unit tunes in the next preset station.

3 Adjust the volume by rotating VOLUME CONTROL KNOB (or pressing VOLUME (∨/∧) on the Remote Control) repeatedly.

To listen to non-preset radio stations

- For manual tuning, see "Manual Tuning".
- For automatic tuning, see "Automatic Tuning".

To select a preset radio station directly

You can use the number buttons on the Remote Control to select a preset radio station directly.

For example, to listen to preset station 4, press 4 on the Remote Control. To listen to preset station 19, press 1 then 9 (within 3 seconds).

To turn the radio off

Press POWER (⏻) to turn off the unit or select another function mode (DVD/CD, AUX or USB).

For your reference

- **If a FM program is noisy**

Press MONO/ST. repeatedly so that "STEREO" disappears in the display window. There will be no stereo effect, but the reception will improve. Press MODE/RIF again to restore the stereo effect.

- **To improve reception**

Reposition the supplied antennas.

Troubleshooting

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

Symptom	Cause	Correction
No power.	<ul style="list-style-type: none"> The power cord is disconnected. 	<ul style="list-style-type: none"> Plug the power cord into the wall outlet securely.
The power is on, but the unit does not work.	<ul style="list-style-type: none"> No disc is inserted. 	<ul style="list-style-type: none"> Insert a disc. (Check that the DVD or, audio CD indicator in the DVD display is lit.)
No picture.	<ul style="list-style-type: none"> The TV is not set to receive DVD signal output. 	<ul style="list-style-type: none"> Select the appropriate video input mode on the TV so the picture from the unit appears on the TV screen.
	<ul style="list-style-type: none"> The video cable is not connected securely. 	<ul style="list-style-type: none"> Connect the video cable into the jacks securely.
	<ul style="list-style-type: none"> The connected TV power is turned off. 	<ul style="list-style-type: none"> Turn on the TV.
There is no sound or only a very low-level sound is heard.	<ul style="list-style-type: none"> The equipment connected with the audio cable is not set to receive DVD signal output. 	<ul style="list-style-type: none"> Select the correct input mode of the audio so you can listen to the sound from the unit.
	<ul style="list-style-type: none"> The audio cables are not connected securely. 	<ul style="list-style-type: none"> Connect the audio cable into the jacks securely.
	<ul style="list-style-type: none"> The power of the equipment connected with the audio cable is turned off. 	<ul style="list-style-type: none"> Turn on the equipment connected with the audio cable.
	<ul style="list-style-type: none"> The audio connecting cord is damaged. 	<ul style="list-style-type: none"> Replace it with new one.
The playback picture is poor.	<ul style="list-style-type: none"> The disc is dirty. 	<ul style="list-style-type: none"> Clean the disc.
The unit does not start playback.	<ul style="list-style-type: none"> No disc is inserted. 	<ul style="list-style-type: none"> Insert a disc. (Check that the DVD, or audio CD indicator in the DVD display is lit.)
	<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 Regional code.)
	<ul style="list-style-type: none"> The disc is placed upside down. 	<ul style="list-style-type: none"> Place the disc with the playback side down.
	<ul style="list-style-type: none"> The disc is not placed within the guide. 	<ul style="list-style-type: none"> Place the disc on the disc tray correctly inside the guide.
	<ul style="list-style-type: none"> The disc is dirty. 	<ul style="list-style-type: none"> Clean the disc.
	<ul style="list-style-type: none"> A menu is on the TV screen. 	<ul style="list-style-type: none"> Press the SET-UP button to turn off the menu screen.
	<ul style="list-style-type: none"> The Rating level is set. 	<ul style="list-style-type: none"> Cancel the Rating function or change the rating level.
Severe hum or noise is heard.	<ul style="list-style-type: none"> The plugs and jacks are dirty. 	<ul style="list-style-type: none"> Wipe them with a cloth slightly moistened with alcohol.
	<ul style="list-style-type: none"> The disc is dirty. 	<ul style="list-style-type: none"> Clean the disc.
	<ul style="list-style-type: none"> The speakers and components are connected poorly. 	<ul style="list-style-type: none"> Connect the speakers and components securely.
	<ul style="list-style-type: none"> The unit is located with too close to the TV. 	<ul style="list-style-type: none"> Move your TV away from the audio components.
Radio stations cannot be tuned in.	<ul style="list-style-type: none"> The antenna is positioned or connected poorly. 	<ul style="list-style-type: none"> Connect the antenna securely. Adjust the antennas and connect an external antenna if necessary.
	<ul style="list-style-type: none"> The signal strength of the stations is too weak (when tuning in with automatic tuning). 	<ul style="list-style-type: none"> Tune in the station manually.
	<ul style="list-style-type: none"> No stations have been preset or preset stations have been cleared (when tuning by scanning preset stations). 	<ul style="list-style-type: none"> Preset the stations.
The Remote Control does not work properly.	<ul style="list-style-type: none"> The Remote Control is not pointed at the remote sensor of the unit. 	<ul style="list-style-type: none"> Point the Remote Control at the remote sensor of the unit.
	<ul style="list-style-type: none"> The Remote Control is too far from the unit. 	<ul style="list-style-type: none"> Operate the Remote Control within about 23 ft (7 m).
	<ul style="list-style-type: none"> There is an obstacle in the path of the Remote Control and the unit. 	<ul style="list-style-type: none"> Remove the obstacle.
	<ul style="list-style-type: none"> The batteries in the Remote Control are exhausted. 	<ul style="list-style-type: none"> Replace the batteries with new ones.

Language Code List

Use this list to input your desired language for the following initial settings:
Disc Audio, Disc Subtitle, Disc Menu.

Language	Code	Language	Code	Language	Code	Language	Code
Abkhazian	6566	Finnish	7073	Macedonian	7775	Slovenian	8376
Afar	6565	French	7082	Malagasy	7771	Somali	8379
Afrikaans	6570	Galician	7176	Malay	7783	Spanish	6983
Albanian	8381	Georgian	7565	Malayalam	7776	Sudanese	8385
Ameharic	6577	German	6869	Maltese	7784	Swahili	8387
Arabic	6582	Greek	6976	Maori	7773	Swedish	8386
Armenian	7289	Greenlandic	7576	Marathi	7782	Tagalog	8476
Assamese	6583	Guarani	7178	Moldavian	7779	Tajik	8471
Azerbaijani	6590	Gujarati	7185	Mongolian	7778	Tamil	8465
Bashkir	6665	Hausa	7265	Nauru	7865	Tatar	8484
Basque	6985	Hebrew	7387	Nepali	7869	Telugu	8469
Bengali; Bangla	6678	Hindi	7273	Norwegian	7879	Thai	8472
Bhutani	6890	Hungarian	7285	Oriya	7982	Tibetan	6679
Bihari	6672	Icelandic	7383	Panjabi	8065	Tigrinya	8473
Breton	6682	Indonesian	7378	Pashto, Pushto	8083	Tonga	8479
Bulgarian	6671	Interlingua	7365	Persian	7065	Turkish	8482
Burmese	7789	Irish	7165	Polish	8076	Turkmen	8475
Byelorussian	6669	Italian	7384	Portuguese	8084	Twi	8487
Cambodian	7577	Japanese	7465	Quechua	8185	Ukrainian	8575
Catalan	6765	Javanese	7487	Rhaeto-Romance	8277	Urdu	8582
Chinese	9072	Kannada	7578	Rumanian	8279	Uzbek	8590
Corsican	6779	Kashmiri	7583	Russian	8285	Vietnamese	8673
Croatian	7282	Kazakh	7575	Samoan	8377	Volapük	8679
Czech	6783	Kirghiz	7589	Sanskrit	8365	Welsh	6789
Danish	6865	Korean	7579	Scots Gaelic	7168	Wolof	8779
Dutch	7876	Kurdish	7585	Serbian	8382	Xhosa	8872
English	6978	Laothian	7679	Serbo-Croatian	8372	Yiddish	7473
Esperanto	6979	Latin	7665	Shona	8378	Yoruba	8979
Estonian	6984	Latvian, Lettish	7686	Sindhi	8368	Zulu	9085
Faroese	7079	Lingala	7678	Singhalese	8373		
Fiji	7074	Lithuanian	7684	Slovak	8375		

Country Code List

Choose a country code from this list.

Country	Code	Country	Code	Country	Code	Country	Code
Afghanistan	AF	Ethiopia	ET	Malaysia	MY	Saudi Arabia	SA
Argentina	AR	Fiji	FJ	Maldives	MV	Senegal	SN
Australia	AU	Finland	FI	Mexico	MX	Singapore	SG
Austria	AT	France	FR	Monaco	MC	Slovak Republic	SK
Belgium	BE	Germany	DE	Mongolia	MN	Slovenia	SI
Bhutan	BT	Great Britain	GB	Morocco	MA	South Africa	ZA
Bolivia	BO	Greece	GR	Nepal	NP	South Korea	KR
Brazil	BR	Greenland	GL	Netherlands	NL	Spain	ES
Cambodia	KH	Islands	HM	Dutch Antilles	AN	Sri Lanka	LK
Canada	CA	Hong Kong	HK	New Zealand	NZ	Sweden	SE
Chile	CL	Hungary	HU	Nigeria	NG	Switzerland	CH
China	CN	India	IN	Norway	NO	Taiwan	TW
Colombia	CO	Indonesia	ID	Oman	OM	Thailand	TH
Congo	CG	Israel	IL	Pakistan	PK	Turkey	TR
Costa Rica	CR	Italy	IT	Panama	PA	Uganda	UG
Croatia	HR	Jamaica	JM	Paraguay	PY	Ukraine	UA
Czech Republic	CZ	Japan	JP	Philippines	PH	United States	US
Denmark	DK	Kenya	KE	Poland	PL	Uruguay	UY
Ecuador	EC	Kuwait	KW	Portugal	PT	Uzbekistan	UZ
Egypt	EG	Libya	LY	Romania	RO	Vietnam	VN
El Salvador	SV	Luxembourg	LU	Russian Federation	RU	Zimbabwe	ZW

Specifications

General

Power supply	Refer to the main label.
Power consumption	70 W
Mass	4.0 kg
External dimensions (W x H x D)	187 X 255 X 257 mm

Tuner/Amplifier

FM Tuning Range	87.5 - 108.0 MHz or 65 -74 MHz, 87.5 -108.0 MHz
Intermediate Frequency	10.7 MHz
Signal to Noise Ratio	60/55 dB (Mono/Stereo)
Frequency Response	60 - 10000 Hz
AM Tuning Range	522 - 1620 kHz or 520 - 1720 kHz
Intermediate Frequency	450 kHz
Signal to Noise Ratio	34 dB
Frequency Response	120 - 1800 Hz
Output Power	80 W + 80 W (6 Ω , THD 10 %)
T.H.D	0.5 %
Frequency Response	40 - 20000 Hz
Signal-to-noise ratio	80 dB

DVD/CD player

Frequency response (audio)	40 - 20000 Hz
Signal-to-noise ratio (audio)	More than 75 dB (1 kHz)
Signal-to-noise ratio (video)	More than 55 dB (1 kHz)
Dynamic range (audio)	More than 80 dB
Video output	1.0 V (p-p), 75 Ω
S-video output	(Y) 1.0 V (p-p), 75 Ω (C) 0.3 V (p-p), 75 Ω
Component Video output	(Y) 1.0 V (p-p), 75 Ω (Pb)/(Pr) 0.7 V (p-p), 75 Ω

Speakers

Speaker Name	Font Speaker (L/R)
Type	Bass Reflex 3Way 4Speaker
Impedance	6 Ω
Frequency Response	60 - 20000 Hz
Sound Pressure Level	82 dB/W (1m)
Rated Input Power	80 W
Max. Input Power	160 W
Net Dimensions (W x H x D)	162X320X258 mm
Net Weight	4.0 kg



LG Electronics, Inc. Limited Warranty - USA

This LG Electronics product, will be repaired or replaced, at LG's option, if it proves to be defective in material or workmanship, under normal use, during the warranty period ("Warranty Period") listed below, effective from the date ("Date of Purchase") of original consumer purchase of the product. This warranty is good only to the original purchaser of the product and effective only when used in the United States, excluding U.S. Territories.

WARRANTY PERIOD: LABOR: 90 days from the Date of Purchase. PARTS: One Year from the Date of Purchase. * Parts replaced are warranted for the remaining portion of the original warranty period.	HOW SERVICE IS HANDLED: Call 1-800-243-0000 for instructions on getting the defective unit repaired or replaced. Please retain dated sales receipt and your box to return the unit to LG for repair or replacement. Shipping both ways will be paid by LG during the first 90 days of the Warranty Period. During the remainder of the Warranty Period (91-365days), you pay inbound shipping charges and LG pays return shipping charges. Visit our website at: http://www.lgservice.com
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THIS LIMITED WARRANTY DOES NOT APPLY TO:

- Damages or operating problems that result from shipping, installation, adjustment of user controls, calibration, maintenance or failure to maintain, or separate system components; and
- Damages or operating problems that result from normal wear and tear, misuse, abuse, operation outside environmental specifications or contrary to the requirements or precautions in the Operating Guide, accident, lightning strikes or other natural causes, unauthorized modification or alteration, incorrect electrical current or voltage, reception problem caused by inadequate home antenna or faulty antenna connections, computer software, institutional or commercial use, or other causes not arising out of defect in material or workmanship.

Therefore, the cost of repair or replacement of such defective product shall be borne by the consumer.

CUSTOMER INTER-ACTIVE CENTER NUMBERS:

For nearest Authorized Service Center, Where to buy, Product Assistance, or Customer Assistance	Call 1-800-243-0000 (24 hours a day, 365 days per year) and select appropriate options from the menu. Or visit our website at http://www.lgservice.com
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