



ENGLISH

Việt

中文

OWNER'S MANUAL

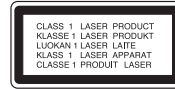
DVD Micro Hi-Fi System

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

XB16 (XB16, XBS16V)

P/NO : MFL67233831

Safety Information



CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

CAUTION: 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 product.



WARNING: TO PREVENT FIRE OR ELECTRIC SHOCK HAZARD, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.

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

CAUTION: 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 shall be never be blocked by placing the product on a bed, sofa, rug or other similar surface. This product shall not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instruction has been adhered to.

CAUTION: This product employs a Laser System. To ensure proper use of this product, please read this owner's manual carefully and retain it for future reference. Shall the unit require maintenance, contact an authorized service center. 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 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 service center. 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. To disconnect power from the mains, pull out the mains cord plug. When installing the product, ensure that the plug is easily accessible.

This device is equipped with a portable battery or accumulator.

Safety way to remove the battery or the battery from the equipment: Remove the old battery or battery pack, follow the steps in reverse order than the assembly. To prevent contamination of the environment and bring on possible threat to human and animal health, the old battery or the battery put it in the appropriate container at designated collection points. Do not dispose of batteries or battery together with other waste. It is recommended that you use local, free reimbursement systems batteries and accumulators. The battery shall not be exposed to excessive heat such as sunshine, fire or the like.

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

Copyrights

It is forbidden by law to copy, broadcast, show, broadcast via cable, play in public, or rent copyrighted material without permission. This product features the copy protection function developed by Macrovision. Copy protection signals are recorded on some discs. When recording and playing the pictures of these discs picture noise will appear. This product incorporates copyright protection technology that is protected by U.S. patents and other intellectual property rights. Use of this copyright protection technology must be authorized by Macrovision, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision. Reverse engineering or disassembly is prohibited.

CONSUMERS SHOULD NOTE THAT NOT ALL HIGH DEFINITION TELEVISION SETS ARE FULLY COMPATIBLE WITH THIS PRODUCT AND MAY CAUSE ARTIFACTS TO BE DISPLAYED IN THE PICTURE. IN CASE OF 525 OR 625 PROGRESSIVE SCAN PICTURE PROBLEMS, IT IS RECOMMENDED THAT THE USER SWITCH THE CONNECTION TO THE 'STANDARD DEFINITION' OUTPUT. IF THERE ARE QUESTIONS REGARDING OUR TV SET COMPATIBILITY WITH THIS MODEL 525p AND 625p UNIT, PLEASE CONTACT OUR CUSTOMER SERVICE CENTER.

You have to set the disc format option to [Mastered] in order to make the discs compatible with the LG players when formatting rewritable discs. When setting the option to Live File System, you cannot use it on LG players.

(Mastered/ Live File System : Disc format system for Windows Vista)

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Unique Features

USB Direct Recording

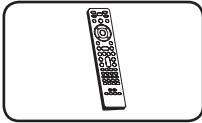
Records music to your USB device.

Portable In

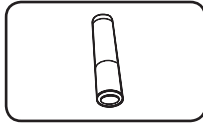
Listens to music from your portable device.

Accessories

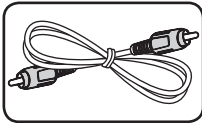
Please check and identify the supplied accessories.



Remote Control (1)



Battery (1)



Video cable (1)

Introduction

Playable Discs

This unit plays DVD±R/RW and CD-R/RW that contains audio titles, DivX, MP3, WMA and/or JPEG files. Some DVD±RW/DVD±R or CD-RW/CD-R cannot be played on this unit due to the recording quality or physical condition of the disc, or the characteristics of the recording device and authoring software.



DVD-VIDEO (8 cm / 12 cm disc)

Discs such as movies that can be purchased or rented.



DVD±R (8 cm / 12 cm disc)

Video mode and finalized only



DVD-RW (8 cm / 12 cm disc)

Video mode and finalized only



DVD+R: Video mode only

Supports the double layer disc also



DVD+RW (8 cm / 12 cm disc)


Video mode and finalized only



Audio CD: Music CDs or CD-R/CD-

RW in music CD format that can be purchased.

About the Symbol Display

"" may appear on your TV display during operation and indicates that the function explained in this owner's manual is not available on that disc.

Symbol Used in this Manual

DVD and finalized DVD±R/RW

DivX files

MP3/WMA files, Audio CDs

JPG files



Regional Codes

This unit has a regional code printed on the rear of the unit. This unit can play only DVD discs labelled same as the rear of the unit or "ALL".

- Most DVD discs have a globe with one or more numbers in it clearly visible on the cover. This number must match your unit's regional code or the disc cannot play.
- If you try to play a DVD with a different regional code from your unit, the message "Check Regional Code" appears on the TV screen.

Note

Indicates special notes and operating features.

Caution

Indicates cautions for preventing possible damages from abuse.

Playable file Requirement

Compatible USB Devices

- MP3 Player : Flash type MP3 player.
- USB Flash Drive : Devices that support USB2.0 or USB1.1.
- The USB function of this unit does not support all USB devices.

USB device requirement

- Devices which require additional program installation when you have connected it to a computer, are not supported.
- Do not extract the USB device while in operation.
- For a large capacity USB, it may take longer than a few minute to be searched.
- To prevent data loss, back up all data.
- If you use a USB extension cable or USB hub, the USB device is not recognized.
- Using NTFS file system is not supported. (Only FAT(16/ 32) file system is supported.)
- This unit is not supported when the total number of files is 1 000 or more.
- External HDD, Card readers, Locked devices, or hard type USB devices are not supported.
- USB port of the unit cannot be connected to PC. The unit cannot be used as a storage device.

MP3/ WMA music file requirement

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

- Sampling Frequency : 32 - 48 kHz (MP3), 32 - 48 kHz (WMA)
- Bit rate : 32 - 320 kbps (MP3), 40 - 192 kbps (WMA)
- maximum files : Under 999
- File extensions : ".mp3"/".wma"
- CD-ROM file format : ISO9660 LEVEL 1/ JOLIET
- We recommend that you use "Easy-CD Creator", which creates an ISO 9660 file system.

Photo file requirement

Photo file compatibility with this unit is limited as follows:

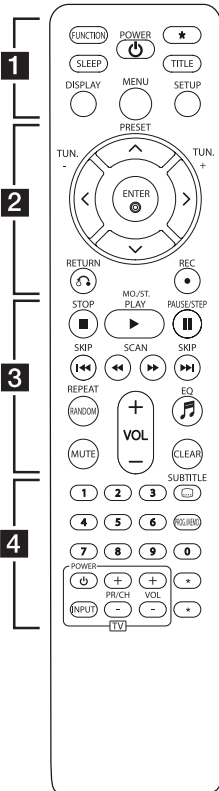
- Max pixel in width :
Normal : 5120 x 3840
Progressive JPEG : 2043 x1536
- Maximum files : Under 999
- Some discs may not operate due to a different recording format or the condition of disc.
- File extensions: ".jpg"
- CD-ROM file format : ISO9660 LEVEL 1/ JOLIET

DivX file requirement

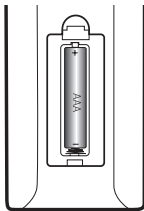
DivX file compatibility with this unit is limited as follows :

- Available resolution:
up to 800 x 600 (W x H) pixels.
- The file name of the DivX subtitle should be entered 45 characters or less.
- If there is a code impossible to express in the DivX file, it may be displayed as a " _ " mark on the display.
- If the video and audio structure of recorded files are not interleaved, either video or audio is output.
- Playable DivX file : ".avi", ".mpg", ".mpeg", ".divx"
- Playable Subtitle format : SubRip (*.srt/ *.txt), SAMI (*.smi), SubStation Alpha (*.ssa/ *.txt), MicroDVD (*.sub/ *.txt), SubViewer 2.0 (*.sub/ *.txt)
- Playable Codec format : "DIVX3.xx", "DIVX4.xx", "DIVX5.xx", "MP4V3", "3IVX"
- Playable Audio format : "AC3", "PCM", "MP3", "WMA".
- For Discs formatted in Live file system, you can not use it on this unit.
- If the name of movie file is different from that of the subtitle file, during playback of a DivX file, subtitle may not be display.

Remote control



Battery Installation



Remove the battery cover on the rear of the Remote Control, and insert one (size AAA) battery with **+** and **-** matched correctly.

..... **1**

FUNCTION : Selects the function and input source.

SLEEP : Sets the system to turn off automatically at a specified time.

POWER (⏻) : Switches the unit ON or OFF.

***** : The button is not available for any function.

TITLE : If the current DVD title has a menu, the title menu appears on the screen. Otherwise, the disc menu may not appear.

DISPLAY : Accesses On-Screen Display.

MENU : Accesses the menu on a DVD disc.

SETUP : Accesses or removes setup menu.

..... **2**

PRESET (Λ / V) : Selects programme of Radio.

TUN. -/+ (< / >) : Tunes in the desired radio station.

Λ / V / < / > (up/ down/ left/ right) : Used to navigate on-screen displays.

ENTER (⊙) : Acknowledges menu selection.

RETURN (↶) : Moving backwards in the menu.

REC (●) : Recording.

..... **3**

STOP (■) : Stops playback or recording.

PLAY (▶), **MO./ST.** : Starts playback. Selects Mono/ Stereo.

PAUSE/STEP (⏸) : Pauses playback. Frame-by-Frame playback.

SKIP (⏮ / ⏭) : Goes to next or previous chapter/ track/ file.

SCAN (⏮ / ⏭) : Searches backward or forward.

REPEAT/ RANDOM : Selects a play mode.

MUTE : Mutes the sound.

VOL (+/-) (Volume) : Volume control.

EQ (🎵) : You can choose sound impressions.

CLEAR : Removes a track number on the Program List.

..... **4**

0 to 9 numerical buttons : Selects numbered options in a menu.

SUBTITLE (☑) : During playback, press **SUBTITLE** (☑) repeatedly to select a desired subtitle language.

PROG./MEMO. : On the CD/USB mode, you can make your own playlist. On FM mode, you can save radio stations.

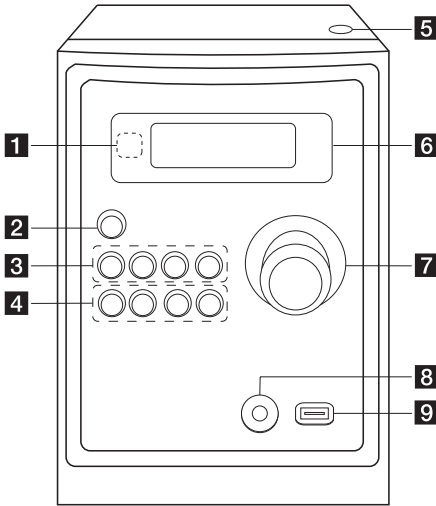
TV Control buttons : Controls the TV. (LG TV only)

Controlling the TV.

You can control the sound level, input source, and power switching of LG TVs as well. Hold **POWER** (TV) and press **PR/CH** (+/-) button repeatedly until the TV turns on or off.

***** : Marked button is not available.

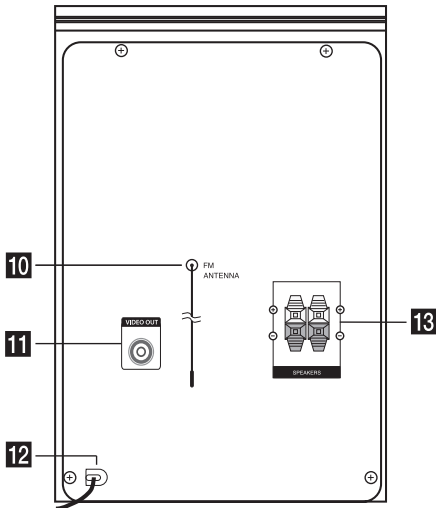
Front panel



- 1 Remote sensor**
- 2 $\text{\textcircled{P}}/\text{I}$ (Power ON/OFF)**
- 3 FUNC.**
Selects the function or input source.
- EQ**
Chooses sound impressions.
- $\blacktriangleright/\text{II}/\text{PRESET -}$**
Starts playback and pauses.
Chooses a preset number for a radio station.
- $\blacksquare/\text{STOP}/\text{PRESET +}$**
Stops playback or recording.
Chooses a preset number for a radio station.
- 4 PRO./MEMO.**
On the CD/USB mode, you can make your own playlist.
On FM mode, you can save radio stations.
- USB REC.**
Recording to USB.
- $\text{I}\lll$ (Skip/Search)/ TUNING -**
- $\text{I}\ggg$ (Skip/Search)/ TUNING +**

- 5 Disc tray**
You can use it when inserting or removing CDs.
- 6 Display window**
- 7 VOLUME**
- 8 PORT. IN jack**
- 9 USB Port**
You can play or record sound files by connecting the USB device.

Rear panel



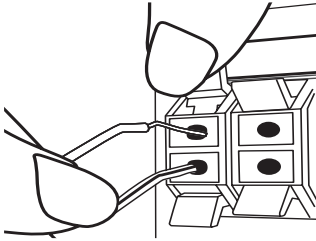
- 10 Stretch the FM aerial**
The reception will be at its best when the end of the aerial is stretched to be in a straight line and horizontal.
- 11 VIDEO OUT connector**
- 12 Power cord**
- 13 Speaker terminal**

Connecting to speakers

Attaching the speakers to the unit

To connect the cable to the unit, press each plastic finger pad to open the connection terminals on the unit. Insert the wire and release the finger pad.

Connect the black stripe of each wire to the terminals marked - (minus) and the other end to the terminals marked + (plus).



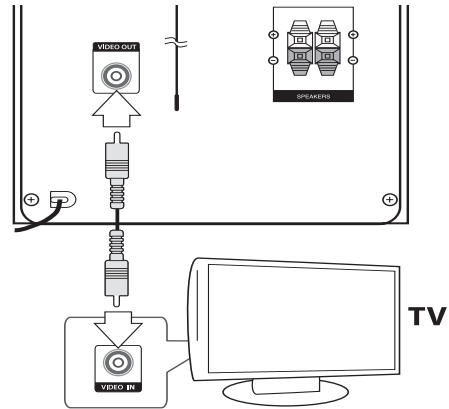
Caution

The speakers contain magnet parts, so color irregularity may occur on the TV screen or PC monitor screen. Please use the speakers far away from either TV screen or PC monitor.

Color	Speaker	Position
Red	Front	Front right
White	Front	Front left

Video Connection

Connect the VIDEO OUT jack on the unit to the video in jack on the TV using a video cable.



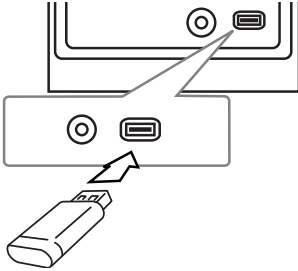
2

Connecting

Optional Equipment Connection

USB Connection

Connect the USB port of USB Memory (or MP3 player, etc.) to the USB port on the front of the unit.



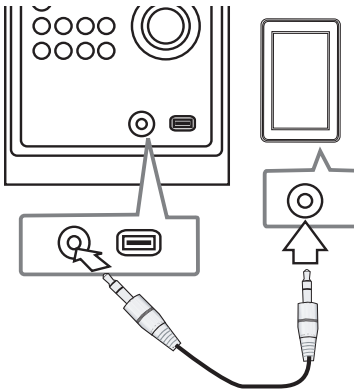
! Note

Removing the USB Device from the unit

1. Choose a different function/mode or press **■** twice in a row.
2. Remove the USB device from the unit.

PORT. IN Connection

Connect an output of portable device (MP3 or PMP etc) to the PORT. IN connector.



Adjust the Setup 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.

OSD Initial language settings - Optional

When using this unit for the first time, the initial language setup menu appears on your TV screen. You must complete initial language selection before using the unit. English will be selected as the initial language.

1. Press **POWER** (⏻) to turn the unit on. The language setup menu will appear on the screen.
2. Use **^ / v / < / >** to select a language then press **ENTER** (⊙). The confirm menu will appear.
3. Use **< / >** to select [Enter] then press **ENTER** (⊙) to finish the language setup.

To display and exit the Setup Menu

1. Select the DVD/CD or USB function by pressing **FUNCTION**.
2. Press **SETUP**. Displays the [SETUP] Menu.
3. Press **SETUP** or **RETURN** (↶) to exit in the [SETUP] Menu.

About help menu for Setup

Menu	Buttons	Operation
▲ / ▼ Move	^ / v	Moving to another menu.
◀ Prev.	<	Moving to previous level.
▶ Select	>	Moving to next level or selecting menu.
↶ Close	RETURN	To exit the [Setup] menu.
⊙ Enter	ENTER	To confirm menu.

LANGUAGE

OSD

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

Disc Audio/Disc Subtitle/Disc Menu

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 numeric buttons and then **ENTER** (⊙) to enter the corresponding 4-digit number according to the language code list on the page 26. If you enter the wrong language code, press **CLEAR**.

[Off (for Disc Subtitle)]

Turns off Subtitle.

DISPLAY

TV Aspect

Select which screen aspect to use based on the shape of your TV screen.

[4:3]

Select when a standard 4:3 TV is connected.

[16:9]

Select when a 16:9 wide TV is connected.

Display Mode

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

[Letterbox]

This displays a wide screen picture with black bands at the top and bottom of the screen.

[Panscan]

This fills the entire 4:3 screen, cropping the picture as necessary.

AUDIO

DRC (Dynamic Range Control)

Make the sound clear when the volume is turned down (Dolby Digital only). Set to [On] for this effect.

Vocal

Select [On] to mix karaoke channels into normal stereo.

This function is effective for multi-channel karaoke DVDs only.

LOCK (Parental Control)

Initial Setting of the Area Code

When you use this unit for the first time, you have to set the Area Code as shown below.

1. Select the [Lock] menu and then press **>**.
2. Press **>**.
To access the [Lock] options, you must input the password you have created. Input a password and press **ENTER (⊙)**. Enter it again and press **ENTER (⊙)** to verify. If you make a mistake before pressing **ENTER (⊙)**, press **CLEAR**.
3. Select the first character using **Λ / V** buttons.
4. Press **>** and select the second character using **Λ / V** buttons.
5. Press **ENTER (⊙)** to confirm your Area code selection.

Rating

Blocks playback of rated DVDs based on their contents. Not all discs are rated.

1. Select [Rating] on the [Lock] menu then press **>**.
2. Input a password and press **ENTER (⊙)**.
3. Select a rating from 1 to 8 using the **Λ / V** 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.

4. Press **ENTER (⊙)** to confirm your rating selection.

Password

You can enter or change password.

1. Select [Password] on the [Lock] menu and then press **>**.
2. Input a password and press **ENTER (⊙)**.
To change the password, press **ENTER (⊙)** when the [Change] option is highlighted. Input a password and press **ENTER (⊙)**. Enter it again and press **ENTER (⊙)** to verify.
3. Press **SETUP** to exit the menu.

! Note

If you forget your password, you can clear it using the following steps:

1. Press **SETUP** to display the Setup menu.
2. Input the 6-digit number "210499" and press **ENTER (⊙)**. The password is cleared.

Area Code

Enter the code of the area whose standards were used to rate the DVD video disc, based on the list on page 27.

1. Select [Area Code] on the [Lock] menu then press **>**.
2. Input a password and press **ENTER (⊙)**.
3. Select the first character using **▲/▼** buttons.
4. Press **>** and select the second character using **▲/▼** buttons.
5. Press **ENTER (⊙)** to confirm your Area code selection.

OTHERS

DivX(R) Registration

We provide you with the DivX® VOD (Video On Demand) registration code that allows you to rent and purchase videos using the DivX® VOD service. For more information, visit www.divx.com/vod.

Press **ENTER (⊙)** and you can view the registration code of the unit.

Basic Operations

Disc/USB Operations

1. Insert the disc by using the **Disc tray** or connect the USB device to the USB port.
2. Select the **DVD/CD** or **USB** function by pressing **FUNCTION**.
3. Select a file (or track/ title) you want to play by pressing **^/v/</>**.

! Note

- When playing a disc or USB Flash Drive containing with DivX, MP3/WMA and JPEG files together, you can select menu of files which you would like to play by pressing **MENU**.
- For the most Audio CD and DVD-ROM discs, playback starts automatically.
- The unit plays only music file contained in the USB storage device or disc automatically. (except for folder)

3 Operating

To	Do this
Stop	Press ■ .
Playback	Press ▶ .
Pause	During playback, press .
Frame-by-Frame playback	Press repeatedly to play title Frame-by-Frame. (DVD, DivX only)
Skipping to the next/ previous chapter/ track/ file	During playback, press ⏮ or ⏭ to go to the next chapter/track/ file or to return to the beginning of the current chapter/ track/ file. Press ⏮ twice briefly to step back to the previous chapter/ track/ file.
Locating a point quickly by playing a file in fast forward or fast reverse	During playback, press ⏩ or ⏪ repeatedly to select the required scan speed. To return to normal speed, press ▶ .
Playing repeatedly or randomly	Press REPEAT/RANDOM repeatedly, and the current title, chapter or track will be played back repeatedly or randomly. - Random play mode : only music files.
Slowing down the playing speed	In the pause mode, press ⏩ or ⏪ to select the required speed. (DVD only)

Other Operations

Displaying Disc Information on-screen

You can display various information about the disc loaded on-screen.

1. Press **DISPLAY** to show various playback information.
The displayed items differ depending on the disc type or playing status.
2. You can select an item by pressing **▲/▼** and change or select the setting by pressing **</>**.
Title – Current title number/ total number of titles.
Chapter – Current chapter number/total number of chapters.
Time – Elapsed playing time.
Selected total time of current title/file.
Audio – Selected audio language or channel.
Subtitle – Selected subtitle.
Angle – Selected angle/total number of angles.
Sound – Selected sound mode

Note

If any button is not pressed for a few seconds, the onscreen display disappears.

To display the DVD Menu

DVD

When you play a DVD which contains several menu, you can select the menu you want using the Menu.

1. Press **MENU**.
The disc's menu appears.
2. Select the menu by using **▲/▼/◀/▶**.
3. Press **ENTER (⊙)** to confirm.

To display the DVD title

DVD

When you play a DVD which contains several title, you can select the title you want using the Menu.

1. Press **TITLE**.
The disc's title appears.
2. Select the menu by pressing **▲/▼/◀/▶**.
3. Press **ENTER (⊙)** to confirm.

Selecting a subtitle language

DVD MOVIE

During playback, press **SUBTITLE (🗣️)** repeatedly to select a desired subtitle language.

1.5 times speed playback

DVD

The 1.5 speed allows you to watch the pictures and listen to the sound quicker than playing at a normal speed.

1. During playback, press **PLAY (▶)** to play at 1.5 times speed. "▶X1.5" appears on the screen.
2. Press **PLAY (▶)** again to exit.

Starting play from selected time

DVD MOVIE

To start playing at any chosen time on the file or title.

1. Press **DISPLAY** during playback.
2. Press **Λ/V** to select the time clock icon and "---:--:" appears.
3. Input the required start time in hours, minutes, and seconds from left to right. If you enter the wrong numbers, press **CLEAR** to remove the numbers you entered. Then input the correct numbers.
For example, to find a scene at 1 hour, 10 minutes, and 20 seconds, enter "11020" by using numerical buttons.
4. Press **ENTER (⊙)** to confirm. Playback starts from the selected time.

Last Scene Memory

DVD

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

Changing the character set to display DivX® subtitle correctly - optional

MOVIE

If the subtitle does not display properly during playback press and hold **SUBTITLE (⋮)** for about 3 seconds then press **SUBTITLE (⋮)** to select another language code until the subtitle is displayed properly and then press **ENTER (⊙)**.

Creating your own program

MUSIC

You can play the contents of a disc in the order you want by arranging the order of the songs on the disc. The program is cleared when the disc is removed.

1. Select a desired music file then press **PROG./MEMO.** or select "♪→" and then press **ENTER (⊙)** to add the music file to the program list.
2. To add all music file on the disc, select "♪♪→" and then press **ENTER (⊙)**.
3. Select a music file from the program list then press **ENTER (⊙)** to start programmed playback.
4. To clear a music file from the program list, select the music you want to clear then press **CLEAR** or select "♪⏏" icon and then press **ENTER (⊙)**. To clear all music file from the program list, select "♪⏏" then press **ENTER (⊙)**.

! Note

The programs are also cleared when the disc or USB device is removed, the unit is switched to power off or the function is switched to others.

Viewing a PHOTO file



PHOTO

This unit can play discs with photo files.





1. Select the DVD/CD or USB function by pressing **FUNCTION.**
2. Press **Λ/V** to select a folder, and then press **ENTER (⊙)**.
A list of files in the folder appears.
If you are in a file list and want to return to the previous folder list, use the **Λ/V** buttons on the remote to highlight **⏪...** and press **ENTER (⊙)**.
3. If you want to view a particular file, press **Λ/V** to highlight a file and press **ENTER (⊙)** or **PLAY (▶)**. While viewing a file, you can press **STOP (■)** to move to the previous menu (JPEG menu)

Viewing a PHOTO file as a slide show

PHOTO

1. Use $\wedge / \vee / < / >$ to highlight  icon then press **ENTER** (⊙) to start slide Show.
2. You can change slide show speed using $< / >$ when  icon is highlighted.

About help menu for slide show.

Menu	Buttons	Operation
	\wedge / \vee	Rotating the picture.
	$< / >$	Moving to another file.
	RETURN	Returning to the menu.
	ENTER	Hiding the help menu.

Sleep Timer Setting

Press **SLEEP** one or more times to select delay time between 10 and 180 minutes, after which the unit turn off.

To cancel the sleep function, press **SLEEP** repeatedly until "SLEEP 10" appears, and then press **SLEEP** once again while "SLEEP 10" is displayed.

! Note

- You can check the remaining time before the Unit turns off.
- Press **SLEEP**. The remaining time appears in the display window.

Turning off the sound temporarily

Press **MUTE** to mute your unit.

You can mute your unit in order, for example, to answer the telephone, appears the "M(X)" in the display window.

Screen Saver

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

System Select - Optional

You must select the appropriate system mode for your TV system. If "NO DISC" appears in the display window, press and hold **PAUSE/STEP** (II) for more than five seconds to be able to select a system. (AUTO/ PAL/ NTSC)

Displaying file information (ID3 TAG)

You can check the ID3 TAG information of MP3 files only in discs by pressing **DISPLAY** repeatedly.

Radio Operations

Listening to the radio

1. Press **FUNCTION** until FM appears in the display window.
The last received station is tuned in.
2. Press and hold **TUN. -/+** for about 2 seconds until the frequency indication starts to change, then release. Scanning stops when the unit tunes in a station.

Or

Press **TUN. -/+** repeatedly.

3. Adjust the volume by rotating **VOLUME** on the unit or by pressing **VOL +/-** on the remote control repeatedly.

Presetting the Radio Stations

You can preset 50 stations for FM.

Before tuning, make sure to turn down the volume.

1. Press **FUNCTION** until FM appears in the display window.
2. Select the desired frequency by pressing **TUN. -/+**.
3. Press **PROG./MEMO**. a preset number will flash in the display window.
4. Press **PRESET \wedge /V** to select the preset number you want.
5. Press **PROG./MEMO**. The station is stored.
6. Repeat steps 2 to 5 to store other stations.
7. To listen a preset station, press **PRESET \wedge /V**.

Deleting all the saved stations

1. Press and hold **PROG./MEMO**. for two seconds. "ERASE ALL" will flash up on the unit display.
2. Press **PROG./MEMO**. to erase all saved radio stations.

Improving poor FM reception

Press **PLAY (▶)**, **MO./ST** on the remote control.

This will change the tuner from stereo to mono and usually improve the reception.

Sound adjustment

Setting the surround mode

This system has a number of pre-set surround sound fields. You can select a desired sound mode by using **EQ** (🎵).

The displayed items for the Equalizer may be different depending on sound sources and effects.

On Display	Description
AUTO EQ	Sets the sound equalizer on the mode that is the most similar to the genre which is included in the MP3 ID3 tag of song files.
POP CLASSIC ROCK	This program lends an enthusiastic atmosphere to the sound, giving you the feeling you are at an actual pop classic or rock concert.
BASS BLAST	Reinforce the treble, bass and surround sound effect.
BYPASS	You can enjoy the sound without equalizer effect.

! Note

Maybe you need reset the surround mode, after switching the input, sometimes even after the sound track changed.

Advanced Operations

Listening to music from your external device

The unit can be used to play the music from many types of external device.
(Refer to the page 12)

1. Connect the external device to the PORT. IN connector of the unit.
2. Turn the power on by pressing **⏻ (Power)**.
3. Select the PORTABLE function by pressing **FUNC.** on the unit or **FUNCTION** on the remote control.
4. Turn the external device and start it playing.

Recording to USB

1. Connect the USB device to the unit.
2. Select a function by pressing **FUNC.** on the unit or **FUNCTION** on the remote control.

One track recording - You can record to USB after playing a file you want.




All tracks recording - You can record to USB after stop.

Program list recording - After showing the programmed list, you can record it to USB. (AUDIO CD Only)

3. Start the recording by pressing **USB REC.** on the unit or **● REC** on the remote control.
4. To stop recording, press **■**.

Note

- You can check the recording percentage rate for the USB record on the display window during the recording. (MP3/ WMA CD Only)
- During recording MP3/ WMA, there is no sound.
- When you stop recording during playback, the file that has been recorded at that time will be stored. (AUDIO CD Only)
- Do not remove the USB device or turn off the unit during USB recording. If not, an incomplete file may be made and not deleted on PC.
- If USB recording does not work, the message like "NO USB", "ERROR", "USB FULL" or "NO REC" is displayed on the display window.
- Multi card reader device or External HDD can not be used for USB recording.
- A file is recorded by 2 hours (about 128 Mbytes) when you record for a long term.
- In the state CD-G disc, USB record is not operated.
- You may not record more than 999 files.
- The file number is saved automatically.
- It'll be stored as follows.

AUDIO CD	MP3/ WMA	The other source*
 CD_REC TRK_001 TRK_002 ...	 FILE_REC ABC(File name) DEF(File name) ...	 EXT_REC AUD_001 AUD_002 ...

The making of unauthorized copies of copy-protected material, including computer programs, files, broadcasts and sound recordings, may be an infringement of copyrights and constitute a criminal offense. This equipment should not be used for such purposes.

**Be responsible
Respect copyrights**

Troubleshooting

Problem	Correction
No Power.	<ul style="list-style-type: none"> • Plug the power cord into the wall outlet securely.
No picture.	<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. • Connect the video cables securely to both the TV and unit.
There is little or no sound.	<ul style="list-style-type: none"> • Select the correct input mode of the unit so you can hear the sound from the unit. • Connect the audio cables into the connection terminals correctly. • Replace with new audio cable.
A DVD/CD will not play.	<ul style="list-style-type: none"> • Insert a playable disc.(check the disc type, colour system and regional code) • Insert a disc. • Place the disc with the label or printed side facing upwards. • Enter your password or change the rating level.
Humming noise heard while a DVD or CD is playing.	<ul style="list-style-type: none"> • Clean the disc using a soft cloth with outward strokes. • Move unit and audio components further away from your TV.
Radio stations cannot be tuned in properly.	<ul style="list-style-type: none"> • Check the antenna connection and adjust its position. • Tune to the station manually. • Preset some radio stations, see page 20 for details.
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. Point the remote control at the remote sensor of the unit. • The remote control is too far from the unit. Operate the remote control within about 23 ft (7 m). • There is an obstacle in the path of the remote control and the unit. Remove the obstacle. • The battery in the remote control is exhausted. Replace the battery with new one.

Specifications

General	
Power supply	110 - 240 V , 50 - 60 Hz
Power consumption	20 W
Net Weight	1.7 kg
External dimensions (W x H x D)	150 x 207 x 217 mm
Operating conditions Temperature	5 °C to 35 °C (41 °F to 95 °F) Operation status: Horizontal
Operating humidity	5 % to 85 %

Tuner	
FM Tuning Range	87.5 to 108.0 MHz or 87.50 to 108.00 MHz

Amplifier	
Output Power	5 W + 5 W
T.H.D	0.50 %

Inputs/ Outputs	
VIDEO OUT	1,0 V (p-p), 75 Ω, sync negative, RCA jack x 1

DVD/CD	
Frequency Response	100 Hz to 18 kHz
Signal-to-noise ratio	60 dB
Dynamic range	55 dB

USB	
USB Version	USB 2.0 or USB 1.1
Bus Power Supply	DC 5 V $\overline{\text{---}}$ 500 mA

Speakers	
Type	1 Way 1 Speaker
Impedance	6 Ω
Rated Input Power	5 W
Max. Input Power	10 W
Net Dimensions (WxHxD)	132 x 207 x 156 mm
Net Weight(1EA)	1.11 kg

- Design and specifications are subject to change without notice.

Maintenance

Handling the Unit

When shipping the unit

Please save the original shipping carton and packing materials. If you need to ship the unit, for maximum protection, re-pack the unit as it was originally packed at the factory.

Keeping the exterior surfaces clean

Do not use volatile liquids such as insecticide spray near the unit.

Wiping with strong pressure may damage the surface.

Do not leave rubber or plastic products in contact with the unit for a long period of time.

Cleaning the unit

To clean the player, use a soft, dry cloth. If the surfaces are extremely dirty, use a soft cloth lightly moistened with a mild detergent solution. Do not use strong solvents such as alcohol, benzene, or thinner, as these might damage the surface of the unit.

Maintaining the Unit

The unit is a high-tech, precision device. If the optical pick-up lens and disc drive parts are dirty or worn, the picture quality could be diminished. For details, please contact your nearest authorized service center.

Notes on Discs

Handling Discs

Never stick paper or tape on the disc.

Storing Discs

After playing, store the disc in its case. Do not expose the disc to direct sunlight or sources of heat and never leave it in a parked car exposed to direct sunlight.

Cleaning Discs

Do not use strong solvents such as alcohol, benzene, thinner, commercially available cleaners, or anti-static spray intended for older vinyl records.

Trademarks and Licenses



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"DVD Logo" is a trademark of DVD Format/Logo Licensing Corporation.



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

Language Codes

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
Afar	6565	French	7082	Lithuanian	7684	Sindhi	8368
Afrikaans	6570	Frisian	7089	Macedonian	7775	Singhalese	8373
Albanian	8381	Galician	7176	Malagasy	7771	Slovak	8375
Ameharic	6577	Georgian	7565	Malay	7783	Slovenian	8376
Arabic	6582	German	6869	Malayalam	7776	Spanish	6983
Armenian	7289	Greek	6976	Maori	7773	Sudanese	8385
Assamese	6583	Greenlandic	7576	Marathi	7782	Swahili	8387
Aymara	6588	Guarani	7178	Moldavian	7779	Swedish	8386
Azerbaijani	6590	Gujarati	7185	Mongolian	7778	Tagalog	8476
Bashkir	6665	Hausa	7265	Nauru	7865	Tajik	8471
Basque	6985	Hebrew	7387	Nepali	7869	Tamil	8465
Bengali; Bangla	6678	Hindi	7273	Norwegian	7879	Telugu	8469
Bhutani	6890	Hungarian	7285	Oriya	7982	Thai	8472
Bihari	6672	Icelandic	7383	Panjabi	8065	Tonga	8479
Breton	6682	Indonesian	7378	Pashto, Pushto	8083	Turkish	8482
Bulgarian	6671	Interlingua	7365	Persian	7065	Turkmen	8475
Burmese	7789	Irish	7165	Polish	8076	Twi	8487
Byelorussian	6669	Italian	7384	Portuguese	8084	Ukrainian	8575
Chinese	9072	Japanese	7465	Quechua	8185	Urdu	8582
Croatian	7282	Kannada	7578	Rhaeto-Romance	8277	Uzbek	8590
Czech	6783	Kashmiri	7583	Rumanian	8279	Vietnamese	8673
Danish	6865	Kazakh	7575	Russian	8285	Volapük	8679
Dutch	7876	Kirghiz	7589	Samoan	8377	Welsh	6789
English	6978	Korean	7579	Sanskrit	8365	Wolof	8779
Esperanto	6979	Kurdish	7585	Scots Gaelic	7168	Xhosa	8872
Estonian	6984	Laothian	7679	Serbian	8382	Yiddish	7473
Faroese	7079	Latin	7665	Serbo-Croatian	8372	Yoruba	8979
Fiji	7074	Latvian, Lettish	7686	Shona	8378	Zulu	9085
Finnish	7073	Lingala	7678				

Area Codes

Choose an area code from this list.

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

