LG
Life's Good

OWNER'S MANUAL

DVD Micro Hi-Fi System

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

DM1530 (DM1530, DMS1530V)

MFL68762304

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.

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.

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.

CLASS 1 LASER PRODUCT
KLASSE 1 LASER PRODUKT
LUOKAN 1 LASER LAITE
KLASS 1 LASER APPARAT
CLASSE 1 PRODUIT LASER
KELAS 1 PRODUK LASER

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.

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.

Disposal of your old appliance

1. All electrical and electronic products should be disposed of separately from the municipal waste stream via designated collection facilities appointed by the government or the local authorities.

2. The correct disposal of your old appliance will help prevent potential negative consequences for the environment and human health.

3. For more detailed information about disposal of your old appliance, please contact your city office, waste disposal service or the shop where you purchased the product.

Disposal of waste batteries/accumulators
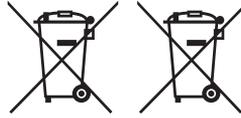
Pb

1. This symbol may be combined with chemical symbols for mercury(Hg), cadmium(Cd) or lead(Pb) if the battery Contains more that 0.0005% of mercury,0.002% of cadmium or 0.004% of lead.

2. All batteries/accumulators should be disposed separately from the municipal waste stream via designated collection facilities appointed by the government or the local authorities.

3. The correct disposal of Your old batteries/accumulators will help to prevent potential negative consequences for the environment, animal and human health.

4. For more detailed information about disposal of Your old batteries/accumulators, please contact Your city office, waste disposal service or the shop where You purchased the product.

$C \in$

LG Electronics hereby declares that this/these product(s) is/are in compliance with the essential requirements and other relevant provisions of Directive 2004/108/EC, 2006/95/EC, 2009/125/EC and 2011/65/EU.

Contact office for compliance of this product:

LG Electronics Inc.
EU Representative, Krijgsman 1,
1186 DM Amstelveen, The Netherlands

- Please note that this is NOT a Customer Service contact point. For Customer Service Information, see Warranty Card or contact the dealer that you purchased this product.

Notes on Copyrights

- 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 Rovi, and is intended for home and other limited viewing uses only unless otherwise authorized by Rovi. Reverse engineering or disassembly is prohibited.

- Under the U.S. Copyright laws and Copyright laws of other countries, unauthorized recording, use, display, distribution, or revision of television programs, video tapes, BD-ROM discs, DVDs, CDs and other materials may subject you to civil and/ or criminal liability.
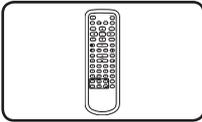
Table of Contents

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Unique Features

Portable In

Listens to music from your portable device. (MP3, Notebook, etc)

Accessories

Please check and identify the supplied accessories.
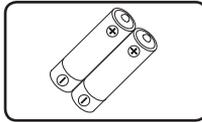
Remote Control (1)   Battery (2)
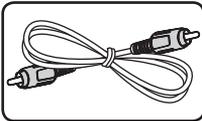
Video cable (1)

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	DVD-VIDEO (8 cm / 12 cm disc) Discs such as movies that can be purchased or rented.
DVD ᴿ	DVD±R (8 cm / 12 cm disc) Video mode and finalized only.
DVD ᴿ ᵂ	DVD-RW (8 cm / 12 cm disc) Video mode and finalized only.
RW DVD+R	DVD+R: Video mode only Supports the double layer disc also.
RW DVD+ReWritable	DVD+RW (8 cm / 12 cm disc) Video mode and finalized only.
COMPACT disc DIGITAL AUDIO	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   `DVD`

DivX files   `MOVIE`

MP3/WMA files   `MUSIC`

Audio CDs   `ACD`

JPG files   `PHOTO`

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.)

• 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 : 8 - 48 kHz (MP3), 22.05 - 48 kHZ (WMA)

• Bit rate : 8 - 320 kbps (MP3), 32 - 192 kbps (WMA)

• Maximum files : Under 3,001

• File extensions : ".mp3"/ ".wma"

• CD-ROM file format : ISO 9660 LEVEL 1/ JOLIET

• We recommend that you use "Easy-CD Creator", which creates an ISO 9660 file system.

• 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)

Photo file requirement

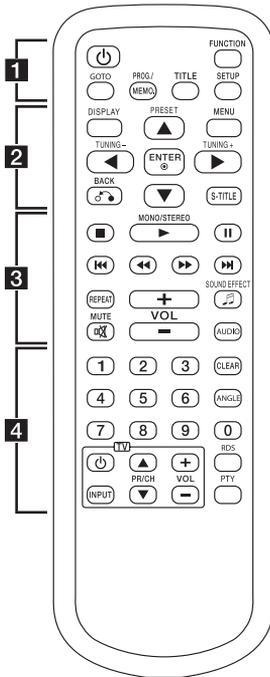Photo file compatibility with this unit is limited as follows :

• Max pixel in width : Normal : 13,353 x limitless Progressive JPEG : 2,000 x 1,515

• Maximum files : Under 3,001

• Some discs may not operate due to a different recording format or the condition of disc.

• File extensions : ".jpg"

• CD-ROM file format : ISO 9660 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.

• Playable DivX file : ".avi", ".mpg", ".mpeg", ".divx", ".dat"

• Playable Codec format : "DIVX3.xx", "DIVX4.xx", "DIVX5.xx", "MP4V3", "3IVX", "XVID"

• Playable Audio format : "MP2", "MP3", "WMA", "AC3", "DTS", "PCM"

• Playable Subtitle format : SubRip (*.srt/ *.txt), SAMI (*.smi), SubStation Alpha (*.ssa), MicroDVD (*.sub/ *.txt), SubViewer 2.0 (*.sub/ *.txt), TMPlayer (*.txt), VobSub (*.sub/ *.idx)

• Subtitle characters in a line : 48 characters

• 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.

• 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

• • • • • • **1** • • • • •

⏻ **(Power) :** Switches the unit ON or OFF.

FUNCTION : Selects the function and input source.

GOTO :
- Accesses On-Screen Display during playback of a DVD disc.

- Play from the specific time you entered during playback of a file.

PROG./MEMO. :
- Stores radio stations.
- Creates a playlist you want to listen to.

TITLE : If the current DVD title has a menu, the title menu appears on the screen. Otherwise, the disc menu may appear.

SETUP : Accesses or removes setup menu.

• • • • • • **2** • • • • •

DISPLAY : Displays playback time information during playback.

MENU :
- Accesses the menu on a DVD disc.

- Goes back to the list during viewing a photo.

PRESET (▲ / ▼) : Selects programme of Radio.

TUNING (-/+) : Tunes in the desired radio station.

▲ / ▼ / ◄ / ► (up/down/left/ right) **:** Uses to navigate on-screen displays.

⊙ **ENTER :** Acknowledges menu selection.

↵ **BACK :** Moving backward in the menu.

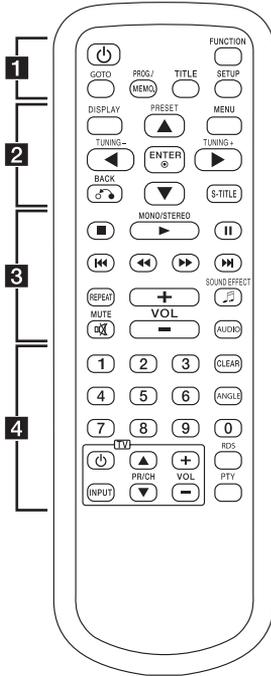**S-TITLE :** During playback, press **S-TITLE** repeatedly to select a desired subtitle language.

Replacement of battery

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

Remote Control

· · · · · · **3** · · · · · ·

■ **(Stop) :** Stops playback.

► **MONO/STEREO :**
- Starts playback.
- Selects Mono/Stereo.

II : Pauses playback.

I◄◄ / ►►I : Goes to next or previous chapter/track/file.

◄◄ / ►► :
- Searches backward or forward.

- Selects the required scan speed while playing audio or video contents.

REPEAT : Selects a play mode.

♫ **SOUND EFFECT :** Selects a sound effect mode.

VOL (+/-) : Adjusts volume of speaker.

MUTE : Mutes the sound.

AUDIO : Hears a diffrent audio/channel.

· · · · · · **4** · · · · · ·

CLEAR :
- Removes a track number on the Program List.

- Removes language code when setting the disc language.

ANGLE : Watchs from a diffrent angle.

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

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

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

RDS/PTY : RDS (Radio Data System)/Searches radio stations by radio type.

Front Panel
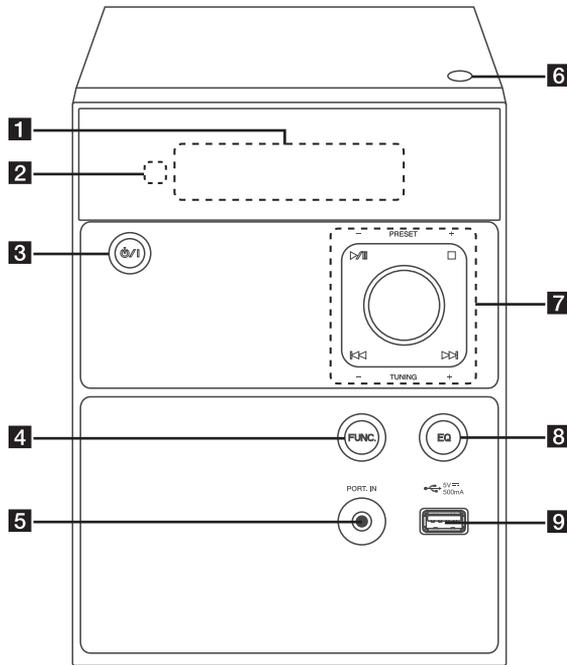
a **Display window**
Shows the current state of the unit.

b Remote sensor

c ⏻ **/ |** (Power)
Switches the unit ON or OFF.

d **FUNC.** (Function)
Selects the function or input source.

e **PORT.IN**
The player can be used to play the music from many types of portable player.

f **OPEN**
Opens or closes the disc door.

g ▶ **/ ❚❚** (Play/Pause)
Starts playback and pauses.

■ (Stop)
Stops playback.

PRESET (+/-)
Chooses a preset number for a radio station.

Volume knob
Adjusts volume of speaker.

I◀◀ **/** ▶▶I (Skip/Search)

- Goes to next or previous file/track.
- Searches backward or forward (Press and hold)

TUNING (-/+)
Tunes in the desired radio station.

h **EQ**
Selects a sound effect mode.

i **USB Port**
Connects an USB device.
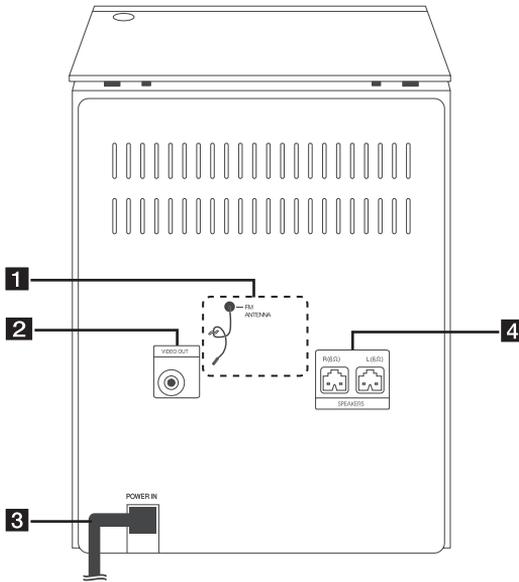
Rear Panel (Case 1)

a **FM ANTENNA**

b **VIDEO OUT**
Connects to a TV with video inputs.

c **POWER IN**

d **Speaker** connector (R/L)

Rear Panel (Case 2)
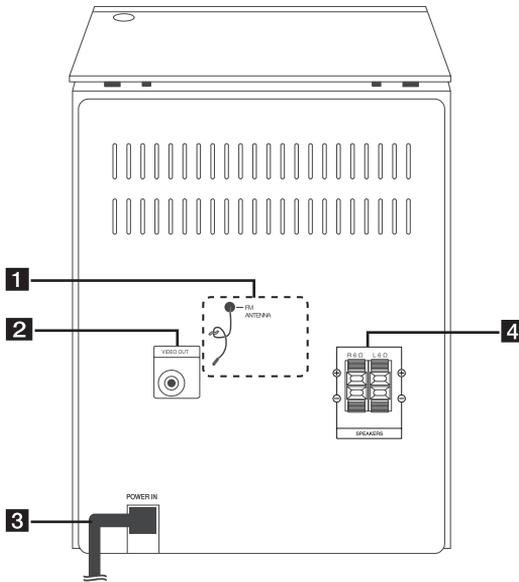
a **FM ANTENNA**

b **VIDEO OUT**
Connects to a TV with video inputs.

c **POWER IN**

d **Speaker** connector (R/L)

Connecting to speakers

Case 1

Connect the speaker cable plugs to the SPEAKER connector.

Connect the red cable plug to the **R** connector and the the white one to the **L** connector.
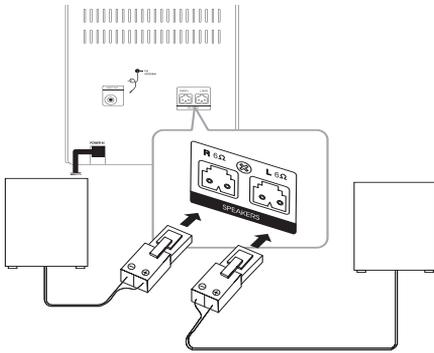
Speaker	Color	Position
R	Red	Right
L	White	Left

Case 2

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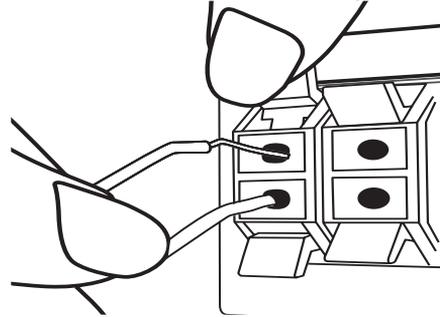
> ⚠ **Caution**
>
> The speakers contain magnet parts, so color irregularity may occur on the TV screen or PC monitor screen. Please use the speakers far away from either TV screen or PC monitor.

2

Connecting

Connections to Your TV

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

You can hear the sound through the system's speakers.

VIDEO OUT
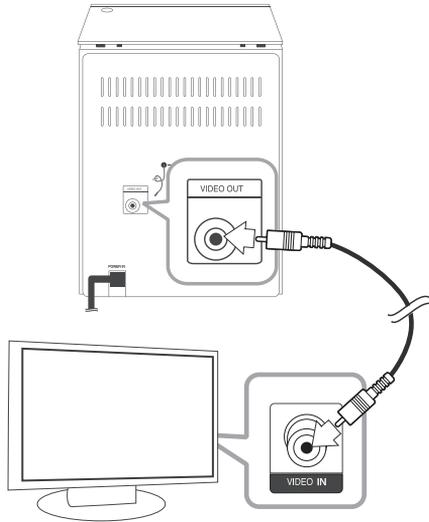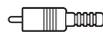
VIDEO IN

◁▥▥▥▥ : Yellow

> ### ⚠ Note
>
> • Please refer to the manuals of your TV, Stereo System or other devices as necessary to make the best connections.
>
> • Make sure the unit is connected directly to the TV. Tune the TV to the correct video input channel.
>
> • Do not connect your unit via your VCR. The image could be distorted by the copy protection system.

Antenna Connection

Be sure to fully extend the FM wire antenna.

FM antenna
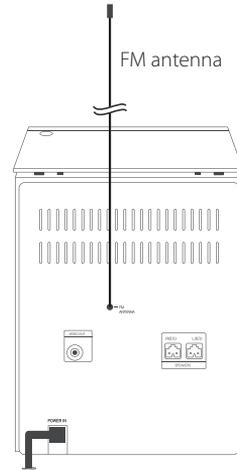
Optional Equipment Connection

USB Connection

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

USB
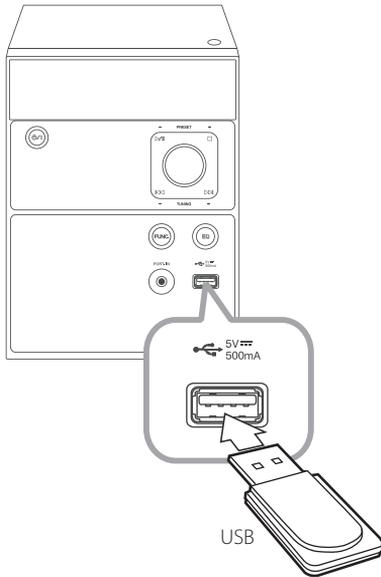
Note

Removing the USB Device from the unit

1. Choose a different function/mode 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.

Portable cable
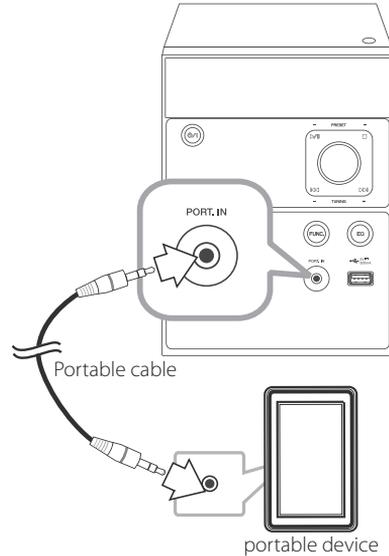
portable device

Listening to music from your external device

The unit can be used to play the music from many types of external device.

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.

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.

> ⚠️ **Note**
>
> - It is available only on DVD/CD or USB mode.
> - Be sure of complete stop status before adjust the settings. It may not be able to change some setup menu in pause or resume stop status.
> - It is highly recommended to set the OSD language in advance of the others.

To display and exit the Setup Menu

1. Select the DVD/CD or USB function by pressing **FUNCTION** on the remote control or **FUNC.** on the unit.

2. Press **SETUP**. Displays the setup Menu.

3. Press **SETUP** to exit in the setup Menu.

Buttons	Operation
▲ / ▼	Moving to another menu.
◄	Moving to previous level.
►	Moving to next level or selecting menu.
⊙ **ENTER**	To confirm menu.

[GENERAL] Menu

TV DISPLAY

Select a TV aspect ratio option according to your TV type.

[4 : 3 PANSCAN]

Select when a standard 4:3 TV is connected. Displays pictures cropped to fill your TV screen. Both sides of the picture are cut off.

[4 : 3 LETTERBOX]

Select when a standard 4:3 TV is connected. Displays theatrical images with masking bars above and below the picture.

[16 : 9]

Select when a 16:9 wide TV is connected. The 4:3 picture is adjusted horizontally (in a linear proportion) to fill the entire screen.

OSD LANGUAGE

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

SCREEN SAVER

The screen saver appears when you leave the unit in Stop mode for about 5 minutes.

> **Note**
>
> The screen saver will not appear when you leave the player in pause status.

LAST MEMORY (DVD only)

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.

> **Note**
>
> It is not available to save the last scene when you change to the other functions.

[AUDIO] Menu

ANALOG AUDIO

[DOWNMIX]

DOWNMIX means that multi-channel surround sound are mixed to produce 2 channel sound suitable for this unit.

Select [LT/RT] to downmix the sound or [STEREO] to get 2 channel sound out of only front speakers.

DYNAMIC

This function allows you to listen to the output sound more clear when the sound is too loud or too low.

Set the DYNAMIC range from OFF to FULL by using ▲ / ▼ and ◉ **ENTER**.

[VIDEO] Menu

COLOR SETTING

You can control the picture on your own.

[SHARPNESS]

Adjusts the level of sharpness in the edges between the light and dark areas of the picture.

[BRIGHTNESS]

Adjusts the base level of the signal in the picture.

[CONTRAST]

Adjusts the signal level between black and white in the picture. You may use Contrast when the bright part of the picture is saturated.

[GAMMA]

Adjusts brightness of dark area and middle gray level area of the picture.

[HUE]

Adjusts the balance between red and green levels.

[SATURATION]

Adjusts intensity of all Colors.

DIVX(R) VOD

ABOUT DIVX VIDEO: DivX® is a digital video format created by DivX, LLC, a subsidiary of Rovi Corporation. This is an official DivX Certified® device that has passed rigorous testing to verify that it plays DivX video. Visit divx.com for more information and software tools to convert your files into DivX videos.

ABOUT DIVX VIDEO-ON-DEMAND: This DivX Certified® device must be registered in order to play purchased DivX Video-on-Demand (VOD) movies. To obtain your registration code, locate the DivX VOD section in your device setup menu. Go to vod.divx.com for more information on how to complete your registration.

[Register]

Displays the registration code of your player.

[Deregister]

Deactivate your player and display the deactivation code.

> **Note**
>
> All the downloaded videos from DivX(R) VOD with this player's registration code can only be played on this unit.

DIVX(R) CP CODE

If the subtitle is displayed in broken letter, you can change the subtitle code page to view the subtitle file properly.

3

System Setting

3

System Setting

[PREFERENCE] Menu

TV TYPE

You must select the appropriate system mode for your TV system. Select a TV type among [PAL], [AUTO], or [NTSC].

[AUDIO]/[SUBTITLE]/[DISC MENU]

[Languages]

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

> ⚠ **Note**
>
> • Enter LANGUAGE CODE when you select [OTHERS] on the language list. Refer to the "Language Codes" on page 28.
> • Depending on the disc, your language setting may not work.

PARENTAL

Blocks playback of rated DVD based on their content. (Not all discs are rated.) Password is needed to change the setting.

[Rating 1-8]

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

PASSWORD

You can create or change the password.

PASSWORD MODE

Select [ON] to lock the setting.

PASSWORD

Select [CHANGE] to change password.
Enter the 6-digit password to spaces and select [OK].

> ⚠ **Note**
>
> If you forget your password, enter "136900" to password blank to reset your password.

DEFAULT

It sets default values to its original settings. Select [RESET] to initialize the setting. You have to reset the settings after initializing.

> ⚠ **Note**
>
> You should enter the password when reset the unit if you set PASSWORD MODE to [ON].

Basic Operations

Disc/USB Operations

1. Insert the disc by pressing **OPEN** or connect the USB device to the USB port.

2. Select the **DVD/CD** or **USB** function by pressing **FUNCTION** on the remote control or **FUNC.** on the unit.

3. Select a file (or track/ title) you want to play by pressing ▲ / ▼ / ◄ / ►.

> ⚠ **Note**
>
> For the most Audio CD and DVD-ROM discs, playback starts automatically.

To	Do this
Stop	Press ■ on the remote control or ■ on the unit.
Playback	Press ► **MONO/STEREO** on the remote control or ► / ❚❚ on the unit.
Pause	During playback, press ❚❚ on the remote control or ► / ❚❚ on the unit.
Frame-by-Frame playback	press ❚❚ on the remote control repeatedly to play title Frame-by-Frame. (DVD, DivX only)
Skipping to the next/previous chapter/track/file	During playback, press ❙◄◄ / ►►❙ 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 ◄◄ / ►► on the remote control or press and hold ❙◄◄ / ►►❙ on ther unit repeatedly to select the required scan speed. To return to normal speed, press ► **MONO/STEREO** on the remote control or ► / ❚❚ on the unit.

Playing repeatedly or randomly	Press **REPEAT** repeatedly, and the current title, chapter or track will be played back repeatedly or randomly. - Random play mode : only music files.
Playing a file directly	Press **GOTO** and enter the file number by using **0** - **9** number buttons on the remote control to select a certain file directly.
Playing from a specific time	During playback, press **GOTO** twice and enter the time by using **0** - **9** number buttons.
Slowing down the playing speed	In the pause mode, press ◄◄/►► to select the required speed. 1/2 → 1/4 → 1/8 → 1/16 The DivX file cannot be slow down reverse playback.

> ⚠ **Note**
>
> • To return to the parent folder, press ◄ or use the ▲ / ▼ buttons on the remote control to highlight ⬜ .. and press ◉ **ENTER**.
>
> • You can choose the repeat option among the below.
>   - DVD : CHAPTER - TITLE - OFF
>   - USB, Audio CD, MP3/WMA CD, : RPT 1 - RPT ALL - RANDOM - OFF
>   - Movie : RPT 1 - RPT ALL - OFF
>
> • The DTS is not supported. In case of DTS audio format, audio is not output.)

Other Operations

Displaying Disc Information on-screen
DVD

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

1. Press **GOTO** 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 ▲ / ▼.

    Title – Current title number/ total number of titles.

    Chapter – Current chapter number/ total number of chapters.

    Audio – Selected audio language or channel.

    Subtitle – Selected subtitle.

    Angle – Selected angle/total number of angles.

    TT TIME - Elapsed playing time of current title.

    CH TIME - Elapsed playing time of current chapter.

    REPEAT - Select the repeat option.

    TIME DISP - Select time display mode.

3. Press ⦿ **ENTER** to select the menu.

4. Change the setting by using numerical buttons or ▲ / ▼.

5. Press ⦿ **ENTER** to confirm your setting.

6. Press **GOTO** to disappear the on-screen menu.

> ⓘ Note
> You can also select TIME DISP mode directly by using **DISPLAY** on the remote control.

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 **TITLE**.

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 **S-TITLE** repeatedly to select a desired subtitle language.

Creating your own program

ACD

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. Insert a CD on the unit.

2. Press **PROG./MEMO.** to list favourite tracks on audio CD.

3. Enter the track number on the list by using numerical buttons on the remote control.

> **⚠ Note**
>
> To erase the track number, select it and press **CLEAR** on the remote control.

4. Select START to listen to music as your list by using ▲ / ▼ / ◄ / ► on the remote control and press ⊙ **ENTER**.

> **⚠ Note**
>
> Up to 20 tracks can be stored on the list. Select ►►I to go to the next page.

Viewing a PHOTO file

PHOTO

This unit can play discs with photo files.

1. Select the DVD/CD or USB function by pressing **FUNCTION** on the remote control or **FUNC.** on the unit.

2. Select a folder by using ▲ / ▼ and ► or ⊙ **ENTER**.

3. Select a folder by using ▲ / ▼ to highlight a photo file and ⊙ **ENTER** or ►► **MONO/ STEREO** on the remote control or ► / ❚❚ on the unit. It starts photo slide show.

Buttons	Operation
I◄◄ / ►►I	Go to a previous/next picture.
▲	Reverse a picture upside down.
▼	Reverse a picture left to right.
◄ / ►	Rotating a picture by 90˚.

To return the list, press **MENU**.

4

Operating

Going to thumbnail mode

While viewing a photo, press ■ on the remote control or ■ on the unit to move thumbnail mode. (JPEG menu) Select a picture or menu by using ▲ / ▼ / ◀ / ▶ on the remote control and press ◉ **ENTER**.
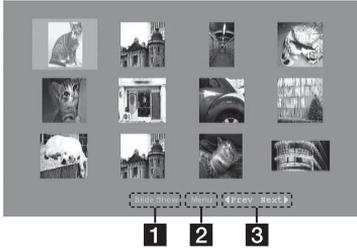
Menu	Operation
Slide Show	Start slide show.
Menu	Explain REMOTE KEY FUNCTION.
◀ Prev/Next ▶	Go to previous or next page.

To return the list, press **MENU**.

Listening to music during slide show

PHOTO

You can display photo files while listening to audio files. Start photo slide during playing music.

> **Note**
>
> The files have to be on the same device to enjoy both the photo and the sound contents.

Turning off the sound temporarily

Press **MUTE** 🔇 on the remote control to mute your unit.

You can mute your unit, for example, in order to answer the telephone. And "🔇" will blink in the display window.

To cancel MUTE function, press **MUTE** 🔇 again or adjust volume level by pressing **VOL (+/-)**.

Displaying file information (ID3 TAG)

You can check the file information of MP3/WMA files on the monitor during playback.

AUTO POWER DOWN

This unit will be off itself to save electric consumption in the case main unit is not connected to external device and is not used for 25 minutes.

So does this unit after six hours since Main unit has been connected to other device using analog input.

4

Operating

Radio Operations

Listening to the radio

1. Select tuner (FM) function by using **FUNCTION** on the remote control or **FUNC.** on the unit The last received station is tuned in.

2. Auto tuning : Press and hold **TUNING (-/+)** on the remote control or **TUNING (-/+)** on the unit for about two seconds until the frequency indication starts to change, then release. Scanning stops when the unit tunes in a station.

   Manual tuning : Press **TUNING (-/+)** on the remote control or **TUNING (-/+)** on the unit repeatedly.

3. Adjust the volume by pressing **VOL (+/-)** repeatedly or rotate Volume knob on the unit.

Improving poor FM reception

Press ► **MONO/STEREO** on the remote control. This will change the tuner from stereo to mono and usually improve the reception.

Presetting the Radio Stations

You can preset 50 stations for FM.

Before tuning, make sure to turn down the volume.

1. Select tuner (FM) function by using **FUNCTION** on the remote control or **FUNC.** on the unit The last received station is tuned in.

2. Select the desired frequency by pressing **TUNING (-/+)** on the remote control or **TUNING (-/+)** on the unit.

3. Press **PROG./MEMO.**. A preset number will flash in the display window.

4. Press **PRESET (▲ / ▼)** 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 (▲ / ▼)** or **PRESET (+/-)** on the unit.

Deleting the saved stations

Each of the saved stations

1. Select the saved station you want to delete.

2. Press **CLEAR**. A preset number will blink on the display window.

3. Press **CLEAR** again while the preset number is displayed.

All the saved stations

1. Press and hold **CLEAR** on the remote control for about two seconds. "CLEAR" will blink on the display window.

2. Press **CLEAR** again while "CLEAR" is displayed. All the saved stations are cleared.

4

Operating

Seeing information about a Radio station

The FM tuner is supplied with the RDS (Radio Data System) facility. This shows information about the radio station being listened to. Press **RDS** repeatedly to cycle through the various data types.

PS (Programme Service Name)	The name of the channel will appear in the display.
PTY (Programme Type Recognition)	The programme type (e.g. Jazz or News) will appear in the display.
RT (Radio Text)	A text message contains special information from the broadcast station. This text may scroll across the display.
CT (Time controlled by the channel)	This shows the time and date as broadcast by the station.

You can search the radio stations by programme type by pressing **RDS**. The display will show the last PTY in use. Press **PTY** one or more times to select your preferred programme type. Press **TUNING (-/+)** on the remote control or **TUNING (-/+)** on the unit. The tuner will search automatically. When a station is found the search will stop.

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 ♫ **SOUND EFFECT** on the remote control or **EQ** on the unit.

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 JAZZ ROCK	This program lends an enthusiastic atmosphere to the sound, giving you the feeling you are at an actual rock, pop or classic concert.
BASS (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.

Troubleshooting

Problem	Correction
No Power	• Plug the power cord into the wall outlet securely.
No picture	• 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.
No sound	• Select the correct input mode of the unit so you can hear the sound from the unit.
A DVD/CD will not play.	• 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.	• 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.	• Check the antenna connection and adjust its position. • Tune to the station manually. • Preset some radio stations, see page 25 for details.
The remote control does not work properly.	• 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 batteries in the remote control are exhausted. Replace the batteries with new ones.

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Troubleshooting

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
Amharic	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	Laotian	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				

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Appendix

Trademarks and Licenses

DOLBY. DIGITAL

Dolby, Pro Logic, and the double-D symbol are registered trademarks of Dolby Laboratories.

DVD VIDEO

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

DIVX.

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Appendix

Specifications

General	
Power supply	Refer to the main label on the unit.
Power consumption	Refer to the main label on the unit.
Net Weight	1.6 kg
External dimensions (W x H x D)	(150 x 200 x 212) mm
Operating Temperature	5 ℃ to 35 ℃ (41 °F to 95 °F)
Operating humidity	5 % to 85 %
Bus Power Supply	DC 5 V ⎓ 500 mA

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	10 %

Inputs/Outputs	
PORT. IN	0.6 Vrms (⌀ 3.5 mm stereo jack) x 1
VIDEO OUT	1.0 Vrms (p-p), 75 Ω, sync negative, RCA jack x 1

DVD/CD	
Frequency Response	40 Hz to 20 kHz
Signal-to-noise ratio	70 dB
Dynamic range	55 dB

Speakers	
Type	1 Way 1 Speaker
Impedance	6 Ω
Rated Input Power	5 W
Max. Input Power	10 W
Net Dimensions (WxHxD)	(132 x 200 x 141) mm
Net Weight (1EA)	0.9 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, benzine, 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, benzine, thinner, commercially available cleaners, or anti-static spray intended for older vinyl records.

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Appendix