DP392G-P_ATHALLK-ENG 8/21/08 3:10 PM Page 1

LG

ENGLISH

DP392G









P/NO : MFL56732890

Safety Precaution



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.

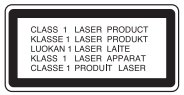


The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

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

CAUTION

- The ventilation should not be impeded by covering the ventilation openings with items, such as newspapers, table-cloth, curtains etc.
- No naked flame sources, such as lighted candles, should be placed on the apparatus.
- Used batteries should be disposed of safely and not incinerated. Attention should be shown to the environment aspects of battery disposal.
- Use the apparatus in tropical and moderate climates only.
- The excessive sound pressure from earphones and headphones can cause hearing loss.
- The battery shall not be exposed to excessive heat such as sunshine, fire or the like.

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.

IMPORTANT SAFETY NOTICE

The cord grip for the plug fitted to this product is built into the existing power cord as supplied. If, for any reason you need to shorten the cord.

DO NOT RE-USE THE PLUG.

A new plug must be used to ensure your continued safety by securing the plug to the power cord in accordance with Plug & Socket Regulations 1994.

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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.

Regional Codes

This unit has a regional code printed on the rear of the unit. This unit can play only DVD discs labeled 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 player, the message "Check Regional Code" appears on the TV screen.

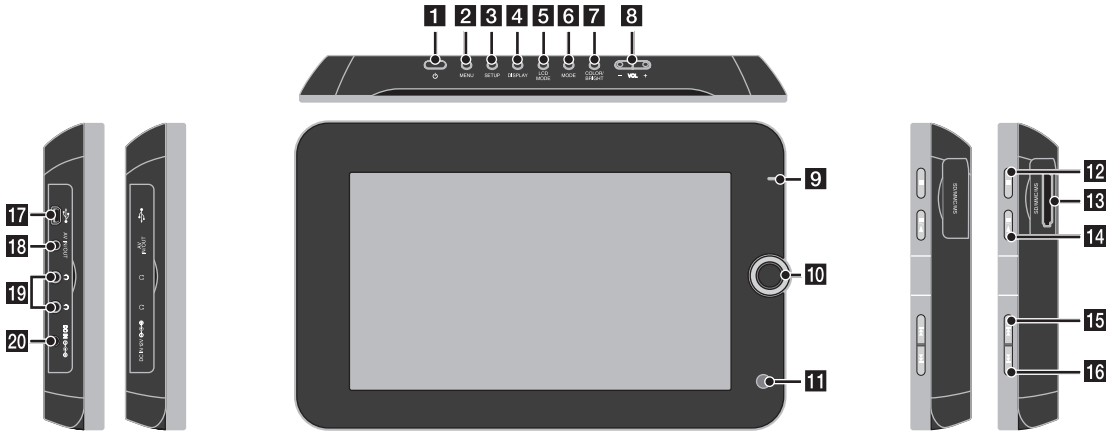
Copyrights

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

Types of Playable Discs

Type	Logo
DVD-VIDEO: Discs such as movies that can be purchased or rented.	DVD VIDEO
DVD-R: Video mode and finalized only	DVD R
DVD-RW: Video mode and finalized only	DVD RW
DVD+R: Video mode only	RW DVD+R
DVD+RW: Video mode only	RW DVD+ReWritable
Audio CD: Music CDs or CD-R/CD-RW in music CD format that can be purchased.	COMPACT disc DIGITAL AUDIO
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.	

Main Unit



1 **POWER (⏻):** Turn the unit ON or OFF.

2 **MENU:** Accesses the DVD menu.

3 **SETUP:** Accesses or exits the setup menu.

4 **DISPLAY:** Accesses On-Screen Display.

5 **LCD MODE:** Selects the LCD mode. (16:9, 4:3 or Off)

6 **MODE:** Selects an operation mode.

7 **COLOR/BRIGHT:** Displays the Brightness or Color menu for LCD display.
To adjust the color or brightness of the LCD display, press COLOR/BRIGHT repeatedly to display the Brightness or Color menu then use ◄ / ► to adjust the value. Press ENTER to confirm the adjustment.

8 **VOL (+/-):** Adjusts the volume level of the built-in speaker and earphones.

9 **Battery charge and power indicator**
- The indicator turns red while charging and changes to green color when the charging is complete. (Refer to page 8 for details.)
- The indicator turns green for a few seconds when the unit is turned on.

10 **Joystick:** Use the joystick to select an item in the menu. Press the joystick to confirm the menu selection.

11 **Remote sensor:** Point the remote control here.

12 **■ (Stop):** Stops playback.

13 **Memory card slot**
Insert a memory card (SD, MMC or MS).

14 **► / ❚❚ (PLAY / PAUSE):** Starts playback. Pause playback temporarily, press again to exit pause mode.

15 **I◄◄ (Skip):** Search backward* or returns to the beginning of current chapter or track or go to the previous chapter or track.
* Press and hold button for about two seconds.

16 **►►I (Skip):** Search forward* or Go to next chapter or track.
* Press and hold button for about two seconds.

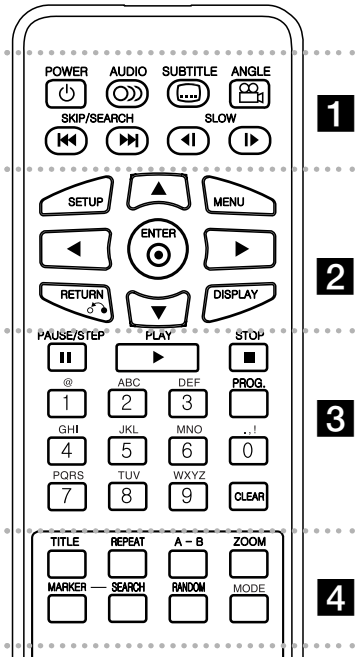
17 **USB adapter connector:** Connect the supplied USB adapter cable then connect a USB device.

18 **AV IN/OUT jack:** Connect a TV or an external device.

19 **Earphones jacks:** Connect earphones here.

20 **DC IN connector:** Connect the AC adapter or automotive adapter.

Remote Control



1

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

AUDIO ( ): Selects an audio language or audio channel.

SUBTITLE ( ): Selects a subtitle language.

ANGLE ( ): Selects a DVD camera angle, if available.

SKIP/SEARCH (I◄◄ / ►►I): Search* backward / forward. Go to next or previous chapter/track.
* Press and hold button for about two seconds.

SLOW (◄I / I►): Reverse/ Forward slow playback.

2

SETUP: Accesses or exits the setup menu.

MENU: Accesses the DVD menu.

▲▼ ◄ ►: Navigates the menus.

ENTER ( ): Confirms menu selection.

RETURN ( ): Press to move backwards in the menu or exit the menu.

DISPLAY: Accesses On-Screen Display.

3

PAUSE/STEP (❚❚): Pauses playback temporarily/ press repeatedly for frame-by-frame playback.

PLAY (►): Starts playback.

STOP (■): Stops playback.

Numerical buttons: Selects numbered options in a menu.

Character buttons: Selects a desired character by pressing a button repeatedly.

PROG.: Enters the program edit mode.

CLEAR: Removes a track number on the Program List.

4

TITLE: Access the disc's title menu.

REPEAT: Repeats a chapter, track, title or all.

A-B: Repeats a section.

ZOOM: Enlarges video image.

MARKER : Marks any point during playback.

SEARCH : Displays [Marker Search] menu.

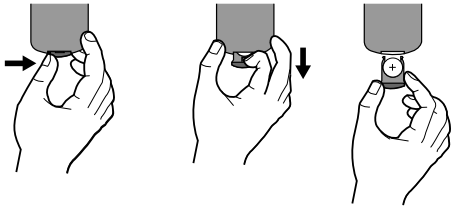
RANDOM: Plays tracks in random order.

MODE: Selects an operation mode.

Put the battery into the Remote Control

Pinch the battery holder clip together then pull the tab to remove the battery holder. Insert the battery with the + facing in the same direction as the + on the battery holder. Replace the battery holder with battery into the Remote Control unit making sure that it is fully inserted.

- Replace Remote Control unit battery with 3V micro lithium cells such as CR. 2025 or its equivalent.
- Dispose of battery safety in accordance with local laws. Do not dispose of in fire.



Warning for replaceable lithium battery

- danger of explosion if battery incorrectly replaced.
- replace only with the same type battery.
- additional warning marking close to the battery if intended to be replaced by users.

Warning : The battery used in this device may present a fire or chemical burn hazard if mistreated. Do not recharge, disassemble, incinerate, or heat above 100 °C (212 °F).
Replace the battery with Matsushita Elec. Ind. Co., Ltd. (Panasonic), part no. CR. 2025 only. Use of another battery may present a risk of fire or explosion. Dispose of used batteries. Keep batteries away from children. Do not disassemble or dispose of in fire.

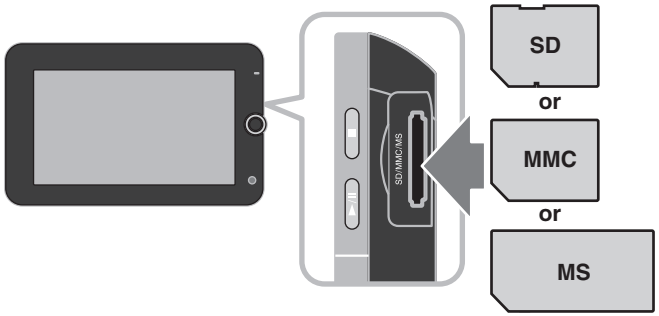
Getting Started

Inserting or removing a memory card

Insert a memory card to the memory card slot on the unit.
To withdraw the memory card from the slot, press on the center of the memory card then withdraw it carefully.

Card useable on this unit

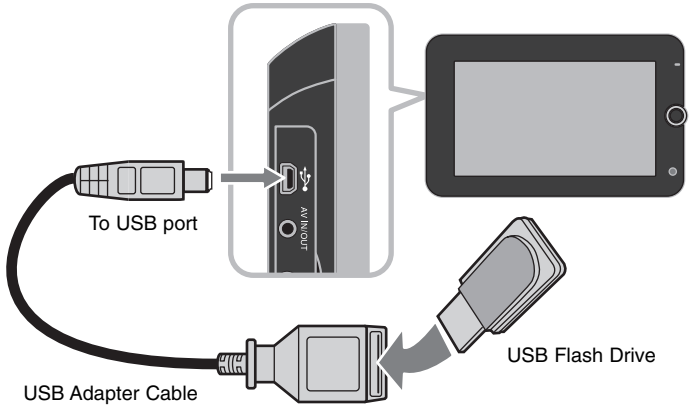
- Secure Digital Card (SD)
- Multi Media Card (MMC)
- Memory Stick (MS)
- This unit supports only memory card with FAT12, FAT16 or FAT32 format.
- Only use the memory cards recommended above.
- The card will only fit in one direction; do not force it.
  The card should fit snugly when properly inserted.
- Any memory card may not be available on the unit.
- Do not extract the memory card while operating (play, copy, etc.).



Connecting a USB Flash Drive

Connect the small end of the USB adapter cable to the USB port on the unit.
Connect a USB Flash Drive to the other end of the USB adapter.

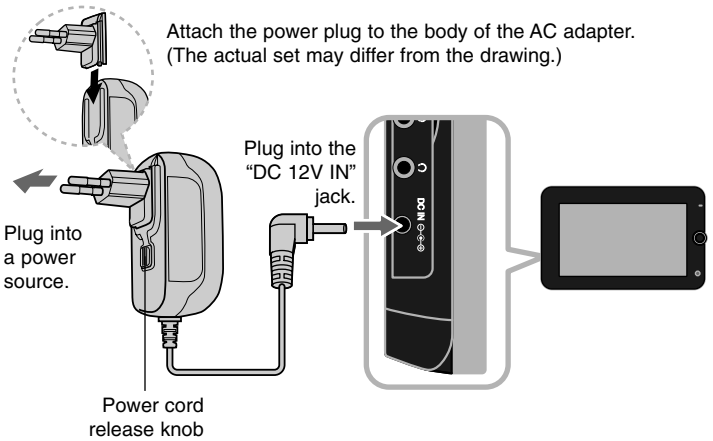
- Music files (MP3/WMA), photo files (JPEG) and DivX files can be played.
  For details of operation on each file type, refer to relevant pages.
- Maximum Files/USB Flash Drive: Less than 650 (total number of files and folders)
- This unit supports only USB Device with FAT16 or FAT32 format.
- USB Flash Drive with version 1.1 only.
- A USB Flash Drive which requires additional program installation when you have connected it to a PC, is not supported.
- Do not extract the USB device while in operation.
- We recommend that you back up your important files in the USB Flash Drive to protect against accidental loss.
- If you use a USB extension cable or USB HUB, the USB device might not be recognized.
- The USB function of this unit does not support all kinds of USB devices.
- Digital camera and mobile phone are not supported.



Power connections

Connecting the Power Cable

Connect the supplied power cable from the unit to a power socket.

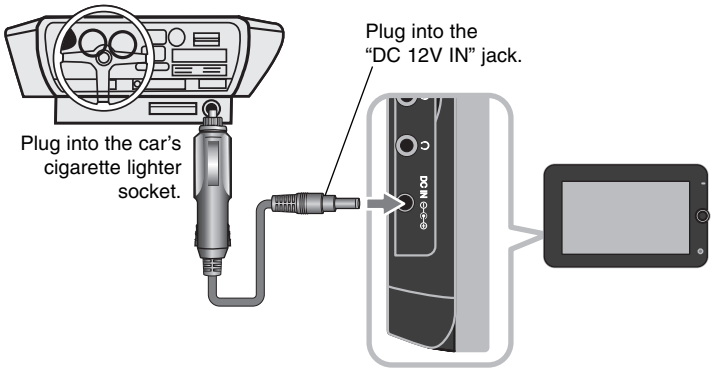


AC adapter

- This AC adapter operates on 100-240V~ 1A 50/60Hz.
- Contact an electrical parts distributor for assistance in selecting a suitable AC plug adapter or AC cord set.
- Manufactured by NANJING WANLIDA TECHNOLOGY CO., LTD

Connect the Automotive adapter

This unit and its automotive adapter are designed for use in vehicles that have 8.5-16 volt, negative ground electrical systems. This is standard for most vehicles. If your vehicle has a different type of electrical system, the DC power system cannot be used.



Automotive adapter

- This automotive adapter operates on DC 8.5-16V.
- Contact an electrical parts distributor for assistance in selecting a suitable automotive adapter.
- Manufactured by NANJING WANLIDA TECHNOLOGY CO., LTD.

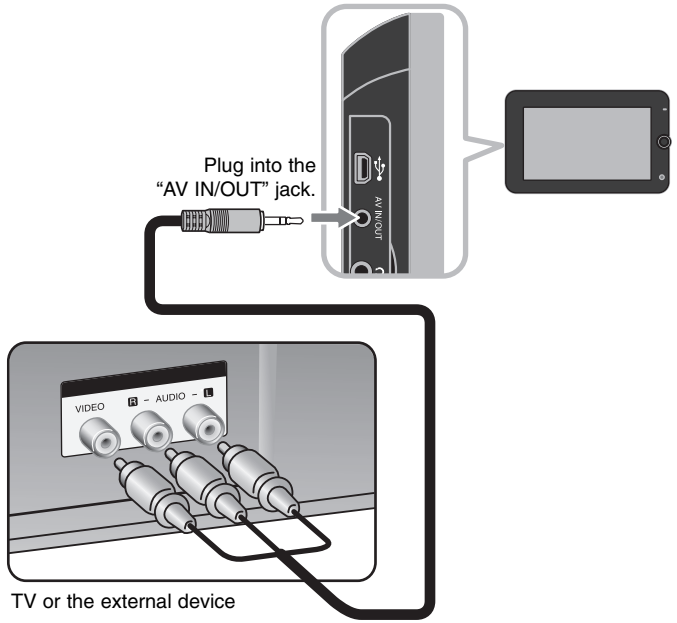
Caution

- To prevent electrical shock and possible damage to your unit or vehicle, always unplug the automotive adapter from the cigarette lighter socket before you remove the plug from your unit.
- A 3 amp. 250V fuse for protection is installed in the automotive adapter.
- While the engine is being started, disconnect the automotive adapter from the car's cigarette lighter socket.
- Do not operate your unit when the car battery is discharged.
  Peak current from the car generator may cause the DC fuse to blow.
- If the vehicle's supply voltage drops below approximately 10 volts, your unit may not work properly.
- Do not leave your unit in a place where the temperature exceeds 70°C (158°F), or the pick-up device may be damaged.
  Examples include:
  - Inside a car with the windows closed and in direct sunshine.
  - Near a heating appliance.

Hooking up the unit

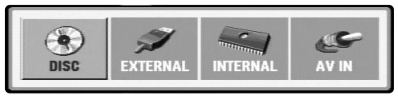
Audio and Video Connection for AV IN or AV OUT

Connect the AV IN/OUT jack on the unit to the corresponding input or output jacks on your TV or an external device using the supplied AV cable as shown below.



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

Selecting the operation mode



You need to select an operation mode before using this unit. Press **MODE** on the unit and the operation mode selection menu appears. Use ◄ / ► to select a mode then press **ENTER**.

- [DISC]: To playback the inserted disc.
- [EXTERNAL]: To playback the file(s) in the connected USB Flash Drive or external memory card. After selecting [EXTERNAL], select [USB] for USB Flash Drive or [Memory Card] for the external memory card.
- [INTERNAL]: To playback the file(s) in the internal memory.
- [AV IN]: To watch a video/audio signal from the external device using this unit.

Mixed media – DivX, MP3/WMA and JPEG

When playing media containing with DivX, MP3/WMA and JPEG files together, you can select which menu of files you would like to play by pressing **TITLE**.

Rechargeable battery

- Its internal rechargeable battery provides you with the freedom to pass it around and play the files without the power cord.
- The internal rechargeable battery will start charging only when the unit is turned off and the AC adapter is connected to a power outlet.
- The charging stops if you turn on the unit.
- The charging will take approximately 3 hour 30 minutes.
- Operating time on battery: approximately 3 hour 30 minutes.
  The operating time on battery may vary depending on the battery status, operational status and environment conditions.
- The battery indicator will turn red while charging. Once the charging is complete, the indicator light changes to green.
- When the remaining time of the battery power is under a few minutes, “Check Battery” will appear on the screen.

Adjust the settings

	BUTTON
1 Display setup menu:	SETUP
2 Select a desired option on the first level:	▲▼
3 Move to second level:	►
4 Select a desired option on the second level:	▲▼
5 Move to third level:	►
6 Change the setting:	▲▼ / ENTER

Adjust the settings - more you can do

When you turn on for the first time

The menu for language selection will appear when you turn on the unit for the first time. You must select a language to use the unit. Use ▲▼ ◄ ► to select a language then press **ENTER** and the confirm menu will appear. Use ◄ ► to select [Enter] then press **ENTER**.

Adjust the language settings

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

Disc Audio/Subtitle/Menu – Select a language for the Disc Audio/Subtitle/Menu.

[Original]: Refers to the original language in which the disc was recorded.
[Other]: To select another language, press number buttons then **ENTER** to enter the corresponding 4-digit number according to the language code list. (see page 17) If you make a mistake while entering number, press **CLEAR** to delete numbers then correct it.
[Off] (for Disc Subtitle): Turn off Subtitle.

Adjust the display settings

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 – If you selected 4:3, you'll need to define how you would like widescreen programs and films to be displayed on your TV screen.

[LetterBox]: This displays a widescreen 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.

JPEG Effect– Specify the transition style between pictures in a slideshow.

Adjust the audio settings

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

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

Adjust the lock settings

You must set the [Area Code] option to use the lock options. Select [Area Code] option then press ►. Enter a 4-digit password then press **ENTER**. Enter it again then press **ENTER** to verify. If you make a mistake while entering number, press **CLEAR** then correct it.
If you forget your password you can reset it. Display setup menu then input the 6-digit number "210499" and the password will be cleared.

Rating – Select a rating level. The lower the level, the stricter the rating. Select [Unlock] to deactivate the rating.

Password – Sets or changes the password for lock settings.

[New]: Enter a new 4-digit password using the numerical buttons then press **ENTER**. Enter the password again to confirm.
[Change]: Enter the new password twice after entering the current password.

Area Code – Select a code for a geographic area as the playback rating level. This determines which area's standards are used to rate DVDs controlled by the parental lock. (See page 17)

Adjust the others settings

PBC (Playback Control) – Playback control provides special navigation features that are available on some disc. Select [On] to use this feature.

DivX(R) VOD – 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** when [Select] icon is highlighted and you can view the registration code of the unit.
All the downloaded videos from DivX® VOD can only be played back on this unit.

Format – Initializes the internal memory: everything recorded on the the internal memory will be erased.
Press **ENTER** when [Select] icon is highlighted then select [Yes] and press **ENTER**.

Displaying Disc Information

	BUTTON
1 Press DISPLAY during playback:	**DISPLAY**
2 Select an item:	**▲▼**
3 Adjust the Display menu settings:	**◄► / ENTER**
4 To return the exit:	**DISPLAY**

Displaying Disc Information - more you can do

You can select an item by pressing ▲▼ and change or select the setting by pressing ◄►.



Current title (or track) number/total number of titles (or tracks)



Current chapter number/total number of chapters



Elapsed playing time



Selected audio language or channel



Selected subtitle



Selected angle/total number of angles

You can check the battery charge status by pressing **DISPLAY** during playback when the DC IN jack is not connected.


Full Low Recharge

Symbol Used in this Manual

A section whose title has one of the following symbols are applicable only to the disc or file represented by the symbol.

ALL	All discs and files	**ACD**	Audio CDs
DVD	DVD and finalized DVD±R/RW	**MP3**	MP3 files
DivX	DivX files	**WMA**	WMA files

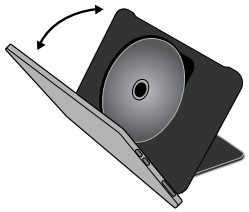
Playing a Disc

	BUTTON
1 Insert a Disc:	-
2 Select an operation mode (page 8):	MODE
3 Start playback:	► PLAY
4 Adjust the volume:	VOLUME
5 To stop playback:	■ STOP

Playing a Disc - more you can do

Insert a disc

Open the LCD panel as shown below then insert a disc. Close the LCD panel.



Stop playback

Press **STOP (■)** to stop playback, the unit records the stopped point depending on the disc. " ❚❚■ " appears on the screen briefly.
Press **PLAY (►)** to resume playback (from the scene point). If you press **STOP (■)** again or unload the disc (" ■ " appears on the screen), the unit will clear the stopped point. **(❚❚■ =Resume Stop, ■ =Complete Stop)**
The resume point may be cleared when a button is pressed.
(for example: POWER, etc)

Playing a DVD that has a menu DVD

Most DVD now have menus which load first before the film begins to play.
You can navigate these menus using ▲▼ ◄ ► or number button to highlight an option. Press **ENTER** to select.

Skip to the next/previous chapter/track/file ALL

Press **SKIP (►►I)** to move to the next chapter/track/file.
Press **SKIP (I◄◄)** to return to the beginning of the current chapter/track/file.
Press **SKIP (I◄◄)** twice briefly to step back to the previous chapter/track/file.

Pause a playback ALL

Press **PAUSE/STEP (❚❚)** to pause playback. Press **PLAY (►)** to continue playback.

Frame-by-Frame playback DVD DivX

Press **PAUSE/STEP (❚❚)** repeatedly to play Frame-by-Frame playback.

Playing repeatedly ALL

Press **REPEAT** repeatedly to select an item to be repeated. The current title, chapter or track will be played back repeatedly. To return to normal playback, press **REPEAT** repeatedly to select [Off].

Fast forward or fast reverse DVD DivX ACD WMA MP3

Press and hold **SKIP (I◄◄** or **►►I)** to play fast forward or fast reverse during playback. You can change the various playback speed by pressing and holding **SKIP (I◄◄** or **►►I)** repeatedly. Press **PLAY (►)** to continue playing at normal speed.

Repeating a specific portion (A-B) DVD DivX ACD

Press **A-B** at the beginning of the portion you wish to repeat and again at the end of the portion. Your selected portion will be repeated continually.
To return to normal playback, press **A-B** to select [Off].

Selecting a subtitle language DVD DivX

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

Watching from a different angle DVD

If the angle indicator appears on the screen for a moment, you can select a different camera angle by pressing **ANGLE (**) repeatedly.

Hearing different audio DVD DivX

During playback, press **AUDIO (**) repeatedly to switch between the available audio languages, channels or encoding methods.

Slow down the playing speed DVD (DivX : Forward only)

During playback, press **SLOW (◀I** or **I▶)** to slow down reverse or forward playback. You can change the various playback speed by pressing **SLOW (◀I** or **I▶)** repeatedly. Press **PLAY (►)** to continue playing at normal speed.

Watching an enlarged video image DVD DivX

During playback or pause mode, press **ZOOM** repeatedly to select zoom mode. You can move through the zoomed picture using ▲▼◄ ► buttons. Press **CLEAR** to exit.

Viewing the title menu DVD

Press **TITLE** to display the disc's title menu, if available.

Viewing the DVD menu DVD

Press **MENU** to display the disc menu, if available.

Starting play from selected time DVD DivX

Searches for the starting point of entered time code. Press **DISPLAY** then select clock icon. Enter a time then press **ENTER**. For example, to find a scene at 1 hours, 10 minutes, and 20 seconds, enter "11020" and press **ENTER**. If you enter the wrong number, press **CLEAR** to enter again.

Playing in random order ACD WMA MP3

During playback or in stop mode, press **RANDOM** for playback in random order. Press **RANDOM** again to return to normal playback.

Mark a scene on a disc DVD DivX

You can mark a position on a disc to return to at the place. Simply press **MARKER** at the desired position. The marker icon will appear on-screen briefly. Repeat to place up to nine markers.
Also you can recall or clear the positions. Press **SEARCH** and [Marker Search] menu. Use ◄ or ► to select a desired marker on the menu, then press **ENTER** to recall it or **CLEAR** to clear it.

Last Scene Memory DVD ACD

This unit memorizes the 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 unit. If you load a disc that has the scene memorized, the scene is automatically recalled.

Screen Saver

The screen saver appears when you leave the unit in Stop mode for about five minutes. If the Screen Saver is displayed for five minutes, the unit automatically turns itself off.

Playing a DivX movie file

	BUTTON
1 Select an operation mode (page 8):	MODE
2 Select a movie file from the menu:	▲▼, MENU
3 Start playback:	► PLAY
4 To stop playback:	■ STOP

Playing a DivX movie files - more you can do

Changing the character set to display DivX® subtitle correctly

Press and hold **SUBTITLE** for 3 seconds during playback. The language code will appear. Press ◄ ► to select another language code until the subtitle is displayed properly and then press **ENTER**.

DivX file requirement

DivX file compatibility with this player is limited as follows:

- Available resolution size: 720x576 (W x H) pixel.
- The file names of DivX and subtitle are limited to 50 characters.
- DivX file extensions: ".avi", ".mpg", ".mpeg"
- Playable DivX subtitle: SubRip (.srt / .txt), SAMI (.smi), SubStation Alpha (.ssa/.txt), MicroDVD (.sub/.txt), SubViewer 1.0 (.sub) SubViewer 2.0 (.sub/.txt), TMPlayer (.txt)
- Playable Codec format: "DIVX3.xx", "DIVX4.xx", "DIVX5.xx", "MP43", "3IVX", "DIVX6.xx" (Standard playback only)
- The playback function is only supported with DivX 6.0 in this unit.
- Playable Audio format: "Dolby Digital", "PCM", "MP3", "WMA"
- Sampling frequency: within 8 - 48 kHz (MP3), within 32 - 48 kHz (WMA)
- Bit rate: within 8 - 320 kbps (MP3), within 48 - 384 kbps (WMA)
- CD-R/RW, DVD±R/RW Format: ISO 9660
- Maximum Files/Disc: Less than 650 (total number of files and folders)
- Not all WMA Audio formats are compatible with this unit.

Listening to Music Disc or files

	BUTTON
1 Select an operation mode (page 8):	MODE
2 Select music from the menu:	▲▼, MENU
3 Start playback:	► PLAY
4 To stop playback:	■ STOP

Listening to Music Disc or files - more you can do

Creating your own program

You can play the contents of a disc in the order you want by arranging the playback order of the music on the disc. To add music on the program list, press **PROG.** in stop mode to enter the program edit mode (mark appears on the menu).
Select desired music on the [List] then press **ENTER** to add the music to the program list. Select music from the program list then press **ENTER** to start programmed playback. To clear music from the program list, select the music you want to clear then press **CLEAR** in program edit mode. To clear all music from the program list, select [Clear All] then press **ENTER** in program edit mode.
The program is cleared when the disc is removed or the unit is turned off.

Displaying file information (ID3 TAG)

While playing an MP3 file containing file information, you can display the information by pressing **DISPLAY** repeatedly.

MP3/WMA music file requirements

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

- File extensions: ".mp3", ".wma"
- Sampling frequency: within 8 - 48 kHz (MP3), within 32 - 48kHz (WMA)
- Bit rate: within 8 - 320kbps (MP3), within 48 - 384kbps (WMA)
- CD-R/RW, DVD±R/RW Format: ISO 9660
- Maximum Files/Disc: Less than 650 (total number of files and folders)

Viewing photo files

	BUTTON
1 Select an operation mode (page 8):	MODE
2 Select a photo file on the menu:	▲▼, MENU
3 Display the selected file in full screen:	► PLAY
4 To return to the menu:	■ STOP

Viewing photo files - more you can do

Viewing photo files as a slide show

Use ▲▼ ◄ ► to highlight ( ) icon then press **ENTER** to start slide show. You can change slide show speed using ◄ ► when ( ) icon is highlighted.

Skip to the next/previous photo

Press **SKIP (I◄◄** or **►►I)** to view the previous/next photo.

Rotate a photo

Use ▲▼ to rotate the photo in full screen counterclockwise or clockwise while viewing a photo in full screen.

Pause a slide show

Press **PAUSE/STEP (II)** to pause a slide show. Press **PLAY (►)** to continue the slide show.

Listening to MP3 music during slide show

You can listen to MP3 music during slide show, if the disc contains music and photo files together. Use ▲▼ ◄ ► to highlight ( ) icon then press **ENTER** to start slide show.

Watching an enlarged photo image

While viewing a photo in full screen, press **ZOOM** repeatedly to select zoom mode. You can move through the zoomed photo using ▲▼◄ ► buttons. Press **CLEAR** to exit.

Photo file requirement

JPEG file compatibility with this unit is limited as follows:

- File extensions: ".jpg"
- Photo size: Less than 4800 x 4800 pixels
- CD-R/RW, DVD±R/RW Format: ISO 9660
- Maximum Files/Disc: Less than 650 (total number of files and folders)
- Progressive and lossless compression JPEG image files are not supported.

Watching an AV input

You can watch video/audio signals from an external device using this unit.

	BUTTON
1 Connect the external device to this unit using the supplied AV cable. (page 8)	-
2 Display the menu to select the operation mode:	MODE
3 Select [AV IN]:	◄ ►, ENTER
4 Watch a video from the external device.	-
5 To exit [AV IN] mode, select [INTERNAL], [DISC] or [EXTERNAL].	MODE, ◄ ►, ENTER

Using a USB Flash Drive

Music files (MP3/WMA), photo files (JPEG) and DivX files can be played.
For details of operation on each file type, refer to relevant pages.

	BUTTON
1 Connect a USB Flash Drive (page 6):	-
2 Display the menu to select the operation mode:	MODE
3 Select [EXTERNAL]:	◄ ►, ENTER
4 Select [USB]:	▲▼, ENTER
5 Select a file:	▲▼, MENU
6 Play the file:	► PLAY

Using an External Memory Card

Music files (MP3/WMA), photo files (JPEG) and DivX files can be played.
For details of operation on each file type, refer to relevant pages.

	BUTTON
1 Insert a external memory card in the unit (page 6):	-
2 Display the menu to select the operation mode:	MODE
3 Select [EXTERNAL]:	◄ ►, ENTER
4 Select [Memory Card]:	▲▼, ENTER
5 Select a file:	▲▼, MENU
6 Play the file:	► PLAY

Using an Internal Memory

Music files (MP3/WMA), photo files (JPEG) and DivX files can be played.
For details of operation on each file type, refer to relevant pages.

	BUTTON
1 Display the menu to select the operation mode:	MODE
2 Select [INTERNAL]:	◄ ►, ENTER
3 Select a file:	▲▼, MENU
4 Play the file:	► PLAY

Copying a file

You can copy a JPEG, MP3/WMA or DivX file/folder from the current media to the internal memory. You cannot copy a file/folder on the disc.

	BUTTON
1 Select a file or folder:	▲▼, MENU
2 Display the File Manager menu:	DISPLAY
3 Select [COPY] option if you need:	◄►
4 Start the copying:	ENTER

Editing a file

You can edit a JPEG, MP3/WMA or DivX file/folder in the internal memory. You cannot copy a file/folder on the disc.

	BUTTON
1 Select a file or folder in the internal memory:	▲▼, MENU
2 Display the File Manager menu:	DISPLAY
3 Select an option:	◄►
4 Execute the selected option:	ENTER

Editing a File menu - more you can do

Copying a file or folder to the internal memory

You can copy a file or folder to the internal memory.

Select a file or folder you would like to copy then press **DISPLAY** to show File Manager options. Select [COPY] option then press **ENTER**. Select a directory that you would like to copy to. Press **ENTER** to begin copying.

- If you try to copy a folder to the internal memory, the sub folder and files in the sub folder are not copied.

Deleting a file or folder from the internal memory

You can delete a file or folder from the internal memory.

Select a file or folder you would like to delete then press **DISPLAY** to show File Manager options. Select [DELETE] option then press **ENTER**. Select [Yes] then press **ENTER**.

Renaming a file or folder on the internal memory

You can rename a file or folder on the internal memory. The length of the name can be up to 17 characters long.

Select a file or folder you would like to rename then press **DISPLAY** to show File Manager options. Select [RENAME] option then press **ENTER**. Rename the selected file or folder using the remote control buttons enter a name.
Press **ENTER** to save the name.

- ▲ / ▼: Changes the character set by pressing the ▲ / ▼ button repeatedly. (Number, Alphabet Capital or Alphabet Small).
- Numbers (0-9): Enters the corresponding character by pressing a button repeatedly at the cursor position.
- **CLEAR**: Deletes the character at the cursor position.
- ◄ / ►: Moves cursor to left or right.

Create a new folder on the internal memory

You can create a new folder on the internal memory. Press **DISPLAY** to show File Manager options. Select [MAKE] option then press **ENTER** and the new folder will be created. Rename the folder as shown in [Renaming a file or folder on the internal memory] above. Press **ENTER** to save the name.

- You can create a folder only in the ROOT directory.

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	Language	Code	Language	Code
Afar	6565	Croatian	7282	Hausa	7265	Lingala	7678	Quechua	8185	Tajik	8471
Afrikaans	6570	Czech	6783	Hebrew	7387	Lithuanian	7684	Rhaeto-Romance	8277	Tamil	8465
Albanian	8381	Danish	6865	Hindi	7273	Macedonian	7775	Rumanian	8279	Telugu	8469
Ameharic	6577	Dutch	7876	Hungarian	7285	Malagasy	7771	Russian	8285	Thai	8472
Arabic	6582	English	6978	Icelandic	7383	Malay	7783	Samoan	8377	Tonga	8479
Armenian	7289	Esperanto	6979	Indonesian	7378	Malayalam	7776	Sanskrit	8365	Turkish	8482
Assamese	6583	Estonian	6984	Interlingua	7365	Maori	7773	Scots Gaelic	7168	Turkmen	8475
Aymara	6588	Faroese	7079	Irish	7165	Marathi	7782	Serbian	8382	Twi	8487
Azerbaijani	6590	Fiji	7074	Italian	7384	Moldavian	7779	Serbo-Croatian	8372	Ukrainian	8575
Bashkir	6665	Finnish	7073	Javanese	7487	Mongolian	7778	Shona	8378	Urdu	8582
Basque	6985	French	7082	Kannada	7578	Nauru	7865	Sindhi	8368	Uzbek	8590
Bengali, Bangla	6678	Frisian	7089	Kashmiri	7583	Nepali	7869	Singhalese	8373	Vietnamese	8673
Bhutani	6890	Galician	7176	Kazakh	7575	Norwegian	7879	Slovak	8375	Volapük	8679
Bihari	6672	Georgian	7565	Kirghiz	7589	Oriya	7982	Slovenian	8376	Welsh	6789
Breton	6682	German	6869	Korean	7579	Panjabi	8065	Spanish	6983	Wolof	8779
Bulgarian	6671	Greek	6976	Kurdish	7585	Pashto, Pushto	8083	Sudanese	8385	Xhosa	8872
Burmese	7789	Greenlandic	7576	Laothian	7679	Persian	7065	Swahili	8387	Yiddish	7473
Byelorussian	6669	Guarani	7178	Latin	7665	Polish	8076	Swedish	8386	Yoruba	8979
Chinese	9072	Gujarati	7185	Latvian, Lettish	7686	Portuguese	8084	Tagalog	8476	Zulu	9085

Area Codes

Choose a area code from this list.

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

Troubleshooting

Symptom	Cause	Correction
No power.	The power cord is disconnected.	Plug the power cord into the wall outlet securely.
	The battery is discharged.	Recharge the battery.
The power is on, but the unit does not work.	No disc is inserted.	Insert a disc.
	The operation mode is not selected correctly.	Use MODE button to select the operation mode. (page 8)
No picture.	The TV is not set to receive the signal from the unit.	Select the appropriate video input mode on the TV.
	The video cable is not connected securely.	Connect the video cable securely.
	The LCD mode is set to [Off].	Select an LCD mode other than [Off].
No sound.	The equipment connected with the audio cable is not set to receive the signal from the unit.	Select the correct input mode of the audio amplifier.
	The volume is set to minimum.	Use the volume controller to adjust the volume.
	The AUDIO options are set to the wrong position.	Set the AUDIO settings to the correct position.
The unit does not start playback.	An unplayable disc is inserted.	Insert a playable disc. (Check the disc type and regional code.)
	The rating level is set.	Change the rating level.
The remote control does not work properly.	The remote control is not pointed at the remote sensor on 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 closer to the unit.

Specifications

General

Power requirements	DC 12 V
Power consumption	12W
External Dimensions	231 x 40.2 x 145 mm (W x H x D)
Net Weight (Approx.)	1.06 kg
Operating temperature:	5 °C to 40 °C
Operating humidity	5 % to 90 %
Laser	Semiconductor laser
Signal system	PAL
Internal Memory	Flash Memory (256MB)

Connectors

Audio/Video Output/Input ø3.5mm mini jack x 1
- Video: 1.0 V (p-p), 75 Ω, sync negative
- Audio (Analog): 2 Vrms (1 KHz, 0 dB)

Earphone terminal ø3.5mm stereo mini jack x 2

Liquid Crystal Display

Panel size	8 inches wide (diagonal)
Projection system	R.G.B. stripe
Driving system	TFT active matrix
Resolution	800 x 480 (WVGA)

Accessories

- RCA Video/Audio cable
- AC Adapter (MPA-630)
- Automotive Adapter (DPDC1)
- Remote Control
- Battery for Remote Control (Lithium Battery)

Designs and specifications are subject to change without prior notice.