LG
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ITALIANO
ESPAÑOL

OWNER'S MANUAL

# DVD Player

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

MODEL
DVX582H

P/NO : MFL63266701

# 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.



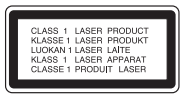
The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

**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 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:** 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.

**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.
**Safe 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 excessived heat such as sunshine, fire or the like.

**Disposal of your old appliance**



1. When this crossed-out wheeled bin symbol is attached to a product it means the product is covered by the European Directive 2002/96/EC.
2. 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.
3. The correct disposal of your old appliance will help prevent potential negative consequences for the environment and human health.
4. 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.

**This product is manufactured to comply with EMC Directive 2004/108/EC Low Voltage Directive and 2006/95/EC.**

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LG Electronics Service Europe B.V.
Veluwezoom 15, 1327 AE Almere, The Netherlands
(Tel : +31–036–547–8940)

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## 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:** VR mode, 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.

### 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 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.


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

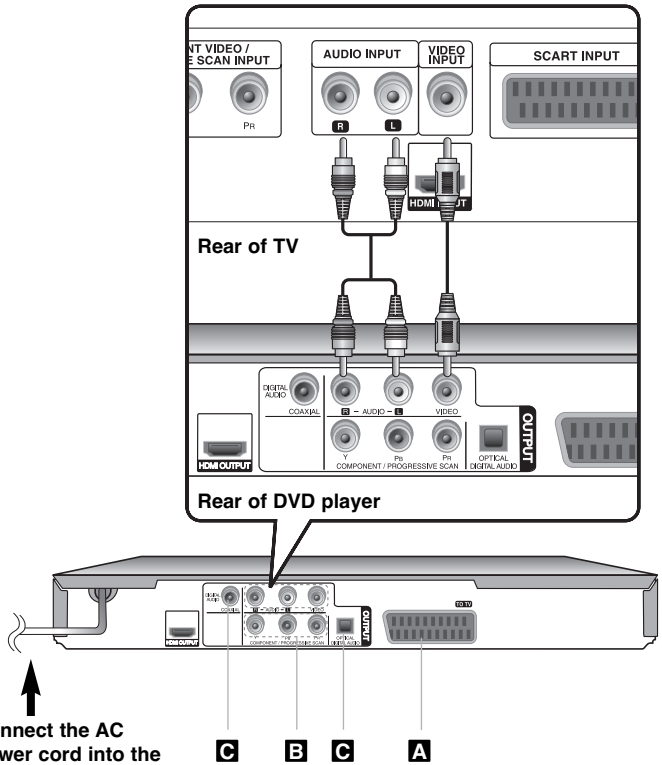
**"DVD Logo" is a trademark of DVD Format/Logo Licensing Corporation.**

**HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI licensing LLC.**

# Hooking up the unit

### Audio and Video Connection

The unit Audio/Video jacks are color coded (yellow for video, red for right audio and white for left audio). If your TV has only one input for audio (mono), connect it to the left (white) audio jack on the unit.




# Hooking up the unit - more you can do

### A SCART connection

Connect the TO TV jack on the unit and your TV using the SCART cable.

For SCART connections, resolution must be set to 576i(480i) by pressing RESOLUTION button.

**Caution :** You must set the [TV Output Select] option to [RGB] on the setup menu to use this connection. (See page 8)

### B Component Video Connections

Connect the COMPONENT/PROGRESSIVE SCAN OUTPUT jacks on the unit to the corresponding input jacks on your TV using a YPBPR cable.

- You will still need to connect the left and right audio cables to the TV, or digital audio cable to your stereo.

**Caution :** You must set the [TV Output Select] option to [YPbPr] on the setup menu to use this connection. (See page 8)

**Resolution Setting**

- You can change the resolution for component video output. Press RESOLUTION repeatedly to select the desired resolution - 576i(480i), 576p(480p), 720p, 1080i, 1080p.
- For 720p, 1080p and 1080i resolution on the component video output, only non-copy protected discs can be played back. If the disc is copy protected,it will be displayed at the 576p(480p) resolution.
- Depending on your TV, some of the resolution settings may result in the picture disappearing or an abnormal picture appearing. In this case, press RESOLUTION repeatedly until the picture re-appears.

### C Digital Audio Output Connection

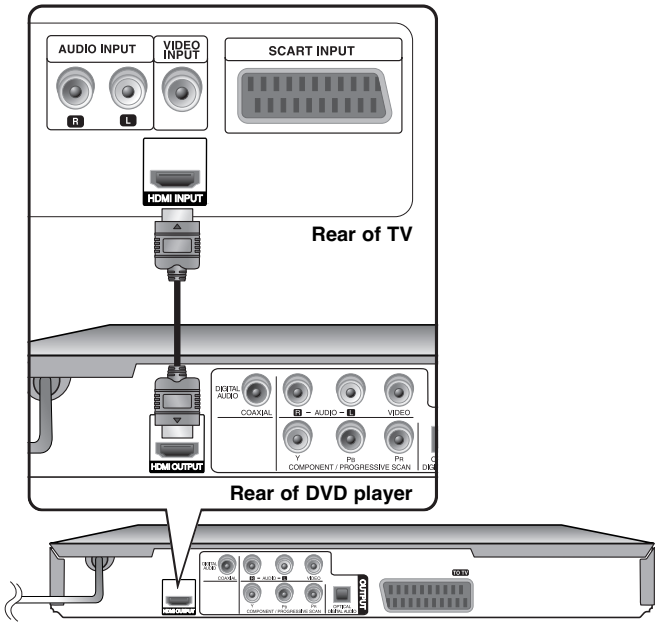
Connect one of the unit's DIGITAL AUDIO OUTPUT (COAXIAL or OPTICAL) jacks to the corresponding jack on your amplifier.

- If the audio format of the digital output does not match the capabilities of your amplifier, the amplifier will produce a strong, distorted sound or no sound at all.
- To see the audio format of the current disc in the on-screen display, press AUDIO.
- This unit does not perform internal (2 channel) decoding of a DTS sound track. To enjoy DTS multi channel surround, you must connect this unit to a DTS compatible amplifier via one of this unit's digital audio outputs.

# Hooking up the unit

### HDMI Connection

Connect the HDMI OUTPUT jack on the unit to the HDMI input jack on a HDMI compatible TV using a HDMI cable (Version 1.2).




# Hooking up the unit - more you can do

### Resolution Setting

You can change the resolution for HDMI output. Press RESOLUTION repeatedly to select the desired resolution - 576i(480i), 576p(480p), 720p, 1080i, 1080p. The resolution may not be selected depending on the connection or TV.

### Note for 1080p resolution

The unit is able to provide a 1080p full HD image to most 1080p-capable TVs in the market today. However, there are some 1080p TVs available from certain companies that are limited in the types of 1080p images that can be accepted. Specifically, 1080p-capable TVs that don't accept images in 60Hz can't display an image from this unit.

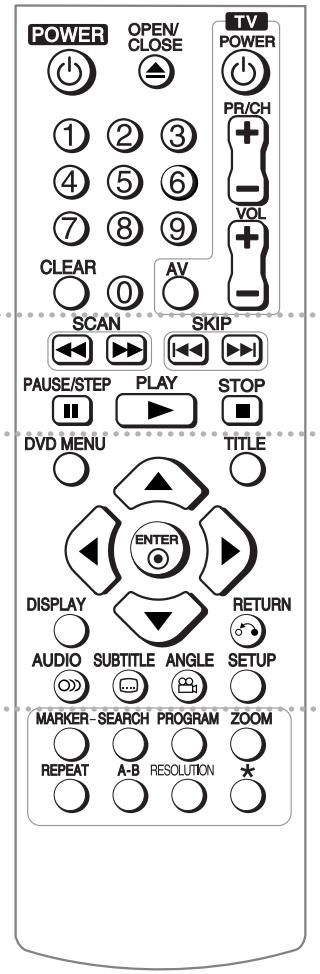
### About HDMI

HDMI (High Definition Multimedia Interface) supports both video and audio on a single digital connection for use with DVD Players, Set-Top Boxes, and other AV devices. HDMI was developed to provide the technologies of HDCP (High-bandwidth Digital Content Protection). HDCP is used to protect digital content transmitted and received.
HDMI has the capability to support standard, enhanced or high-definition video plus standard to multi-channel surround-sound audio, HDMI features include uncompressed digital video, a bandwidth of up to 5 gigabytes per second, one connector (instead of several cables and connectors), and communication between the AV source and AV devices such as DTVs.

### Notes on HDMI connection

- If your TV is not capable of handling 96 kHz sampling frequency, set the [Sampling Freq.] option to [48 kHz] on the setup menu. (See page 8)
- If your TV is not equipped with Dolby Digital and MPEG decoder, set the [Dolby Digital] and [MPEG] options to [PCM] on the setup menu. (See page 8)
- Depending on your TV, some of the resolution settings may result in the picture disappearing or an abnormal picture appearing. In this case, press RESOLUTION repeatedly until the picture re-appears.
- Changing the resolution when the unit is connected with HDMI connector may result in malfunctions. To solve the problem, turn off the unit and then turn it on again.
- When you connect a HDMI or DVI compatible device, make sure of the following:
  - Try switching off the HDMI/DVI device and this unit. Next, switch on the HDMI/DVI device and leave it for around 30 seconds, then switch on this unit.
  - The connected device's video input is set correctly for this unit.
  - The connected device is compatible with 720X576i(480i), 720X576p(480p), 1280X720p, 1920X1080i or 1920X1080p video input.
  - The 1080p, 720p and 576p(480p) resolutions are the progressive scan applied resolution.
- Not all HDCP-compatible DVI devices will work with this unit.
  - The picture will not be displayed properly with non-HDCP device.

# Remote control




**1**

**POWER (⏻):** Switches the unit ON or OFF.
**OPEN/CLOSE (⏏):** Opens and closes the disc tray.
**Numerical buttons:** Selects numbered items in a menu.
**CLEAR:** Removes a track number on the program List or a mark on the Marker Search menu.
**TV:** TV control buttons.

**2**

**SCAN (◀◀ / ▶▶):** Search backward or forward.
**SKIP (I◀◀ / ▶▶I):** Go to next or previous chapter/track/file.
**PAUSE/STEP (❚❚):** Pauses playback temporarily/press repeatedly for frame-by-frame playback.
**PLAY (►):** Starts playback.
**STOP (■):** Stops playback.

**3**

**DVD MENU:** Accesses or exits the DVD menu.
**TITLE:** Accesses the disc's title menu, if available.
**▲▼ ◄ ►:** Navigates the menus.
**ENTER (⦿):** Confirms menu selection.
**DISPLAY:** Accesses or exits On-Screen Display.
**RETURN (↶):** Returns to menu or exits the menu. Changes to the USB mode.
**AUDIO (◌)):** Selects an audio language or audio channel.
**SUBTITLE (💬):** Selects a subtitle language.
**ANGLE (🎥):** Selects a DVD camera angle, if available.
**SETUP:** Accesses or exits the setup menu.

**4**

**MARKER:** Marks any point during playback.
**SEARCH:** Displays MARKER SEARCH menu.
**PROGRAM:** Enters the program edit mode.
**ZOOM:** Enlarges video image.
**REPEAT:** Repeats a chapter, track, title or all.
**A-B:** Repeats a section.
**RESOLUTION:** Sets the output resolution for HDMI and COMPONENT/PROGRESSIVE SCAN OUTPUT jack.
*** :** This button is not available.

### Controlling other TV's with the remote control

You can control the sound level, input source, and power switch of your LG TV with the supplied remote control. While holding down TV POWER button, press the number buttons to select the manufacturer code for your TV (see the table below). Release TV POWER button.

### Code numbers of controllable TVs

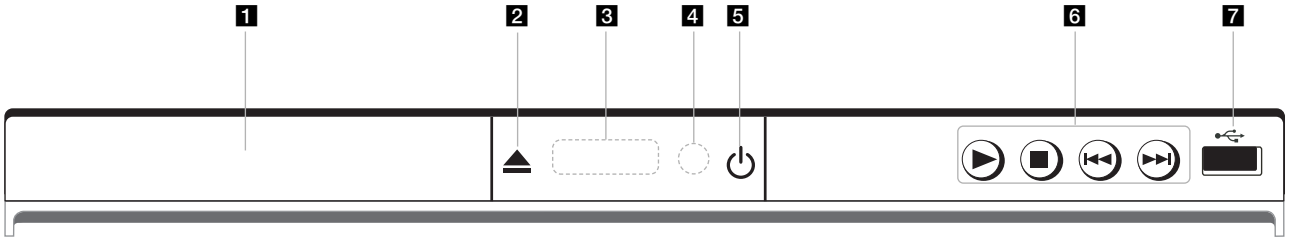
If more than one code number is listed, try entering them one at a time until you find the one that works with your TV. Depending on your TV, some or all buttons may not function on the TV, even after entering the correct manufacturer code.

| Manufacturer | Code Number |
|---|---|
| LG/GoldStar | 1 (Default), 2 |
| Zenith | 1, 3, 4 |
| Samsung | 6, 7 |
| Sony | 8, 9 |
| Hitachi | 4 |

### Put the battery into the Remote Control

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

## Main Unit




**1** **Disc Tray**
Insert a disc here.

**2** ⏏ **(Open / Close)**
Opens or closes the disc tray.

**3** **Display window**
Shows the current status of the unit.

**4** **Remote sensor**
Point the remote control here.

**5** ⏻ **(Power)**
Turn the unit ON or OFF.

**6**
- ► **(Play)**
  Starts playback.
- ■ **(Stop)**
  Stops playback.
- ⏮ **(Skip)**
  Returns to the beginning of current chapter/track/file or go to the previous chapter/track/file.
- ⏭ **(Skip)**
  Go to next chapter/track/file.

**7** **USB Port**
Connect an USB Flash Drive.

## Adjust the settings

| | ON REMOTE |
|---|---|
| 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 (optional)

The menu for a 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 15) 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.

**TV Output Select –** Select an option according to the TV connection type.

[RGB]: When your TV is connected with the SCART jack.
[YPbPr]: When your TV is connected with the COMPONENT/PROGRESSIVE SCAN OUTPUT jacks on the unit.

### Adjust the audio settings

**Dolby Digital / DTS / MPEG –** Selects the type of digital audio signal when using the DIGITAL AUDIO OUTPUT jack.

[Bitstream]: Select this when you connect this unit's DIGITAL AUDIO OUTPUT jack to an amplifier with a built-in Dolby Digital, DTS or MPEG decoder.
[PCM] (for Dolby Digital / MPEG): Select this when you connect this unit's DIGITAL AUDIO OUTPUT jack to an amplifier without a built-in Dolby Digital or MPEG decoder.

[Off] (for DTS): Select this when you connect this unit's DIGITAL AUDIO OUTPUT jack to an amplifier without a built-in DTS decoder.

**Sample Freq. (Frequency) –** Selects the sampling frequency of the audio signal.

[48 KHz]: The audio signals are always converted to 48 kHz.
[96 KHz]: The audio signals are output in their original format.

**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. First, remove the disc in the unit. Display setup menu then input the 6-digit number “210499”. The “P CLr” appear in the display window and the password is deleted.

**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-digits 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 15)

### Adjust the others settings

**B.L.E. (Black Level Expansion) –** To select the black level of playback pictures, set your preference and monitor’s ability.

**REC Bitrate –** You can choose a bit rate for USB direct recording. Higher bit rate gives the better sound quality but uses more space on the USB Flash Drive. For USB direct recording, see page 14.

**DivX VOD**

ABOUT DIVX VIDEO: DivX® is a digital video format created by DivX,Inc. This is an official DivX Certified device that plays DivX video. Visit www.divx.com for more information and software tools to convert your files into DivX video.

ABOUT DIVX VIDEO-ON-DEMAND: This DivX Certified® device must be registered in order to play DivX Video-on-Demand (VOD) content. To generate the registration code, locate the DivX VOD section in the device setup menu. Go to vod.divx.com with this code to complete the registration process and learn more about DivX VOD.
[Register]: Displays the registration code of your player.
[Deregister]: Deregister your player and display the deregister code.

## Displaying Disc Information

| | ON REMOTE |
|---|---|
| 1 Press DISPLAY: | DISPLAY |
| 2 Select a item: | ▲▼ |
| 3 Adjust the Display menu settings: | ◄►/ ENTER |
| 4 To return the exit: | DISPLAY |

## Displaying Disc Information - more you can do

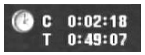
You can select an item by pressing ▲▼ and change or select the setting by pressing ◄ ► or using the numbered buttons (0-9).



Current title number/total number of titles



Current chapter number/total number of chapters



Elapsed playing time
Selected total time of current title/file



Selected audio language or channel



Selected subtitle



Selected angle/total number of angles

## Symbol Used in this Manual

| | | | |
|---|---|---|---|
| ALL | All discs and files listed below | ACD | Audio CDs |
| DVD | DVD and finalized DVD±R/RW | CD-G | CD-G discs |
| MP3 | MP3 files | DivX | DivX files |
| WMA | WMA files | | |

## Playing a Disc

| | ON REMOTE |
|---|---|
| 1 Open the disc tray: | ⏏ OPEN/CLOSE |
| 2 Insert a Disc: | - |
| 3 Close the disc tray: | ⏏ OPEN/CLOSE |
| 4 Start playback: | ► PLAY |
| 5 To stop playback: | ■ STOP |

## Playing a Disc - more you can do

### Stops the 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, OPEN/CLOSE, 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.

### Playing a DVD VR disc

This unit will play DVD-RW disc that is recorded using the Video Recording (VR) format. When you insert a DVD VR disc, the menu will appear on the screen. Use ▲▼ to select a title then press **PLAY ( ►)**. To display DVD-VR menu, press **DVD MENU** or **TITLE**.
Some DVD-VR disc are made with CPRM data by DVD RECORDER.
Player does not support these kinds of discs.

### 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, track or all 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 **SCAN (◄◄ or ►►)** to play fast forward or fast reverse during playback. You can change the various playback speed by pressing **SCAN (◄◄ or ►►)** repeatedly. Press **PLAY ( ►)** to continue play at normal speed.
- DVD, DivX: ◄◄◄◄◄ ← ◄◄◄◄ ← ◄◄◄ ← ◄◄ / ►► → ►►► → ►►►► → ►►►►►
- ACD, WMA, MP3: ◄◄x8 ← ◄◄x4 ← ◄◄x2 / ►►x2 → ►►x4 → ►►x8

### 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 a different audio DVD DivX CD-G

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)

While playback is paused, press **SCAN (►►)** to slow down forward playback. You can change the various playback speed by pressing **SCAN (►►)** repeatedly. Press **PLAY ( ►)** to continue play 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. (100% → 200% → 300% → 400% → 100%)

### Viewing the title menu DVD

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

### Viewing the DVD menu DVD

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

### Marking a favorite scene DVD DivX

You can mark positions by pressing **MARKER** at the desired position up to 9 markers. Also you can recall or clear positions by pressing **SEARCH**.
Use ◄ or ► to select a desired marker on the [MARK SEARCH] menu, then press **ENTER** to recall it or **CLEAR** to clear it.

### 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 hour, 10 minutes, and 20 seconds, enter "11020" and press **ENTER**.
If you enter the wrong number, press **CLEAR** to enter again.

### Last Scene Memory DVD ACD

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 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.

### System Select

You must select the appropriate system mode for your TV system. Remove any disc that might be in the unit, press and hold **PAUSE/STEP (❚❚)** for more than five seconds to be able to select a system (PAL, NTSC).

### Mixed disc or USB Flash Drive – DivX, MP3/WMA and JPEG

When playing a disc or USB Flash Drive contained with DivX, MP3/WMA and JPEG files together, you can select which menu of files you would like to play by pressing **TITLE**.

## Playing a DivX movie file

| | ON REMOTE |
|---|---|
| **1 Open the disc tray:** | ⏏ **OPEN/CLOSE** |
| **2 Insert a disc:** | - |
| **3 Close the disc tray:** | ⏏ **OPEN/CLOSE** |
| **4 Select a movie file from the menu:** To go directly to file, enter the file number using the numbered buttons (0-9). | **▲▼, DVD MENU** |
| **5 Start playback:** | ► **PLAY** |
| **6 To stop playback:** | ■ **STOP** |

## Playing a DivX movie file - 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: 720 x 576 (W x H) pixel.
- The file names of DivX and subtitle are limited to 45 characters.
- DivX file extensions: “.avi”, “.mpg”, “.mpeg”
- Playable DivX subtitle: SubRip (.srt / .txt), SAMI (.smi), SubStation Alpha (.ssa/.txt), MicroDVD (.sub/.txt), SubViewer 2.0 (.sub/.txt), TMPlayer (.txt), DVD Subtitle System (.txt)
- Playable Codec format: “DIVX3.xx”, “DIVX4.xx”, “DIVX5.xx”, “MP43”, “3IVX”
- Only the playback function is supported with DivX 6.0 in the unit.
- Playable Audio format: “Dolby Digital”, “DTS”, “PCM”, “MP3”, “WMA”
- Sampling frequency: within 8 to 48 kHz (MP3), within 32 to 48 kHz (WMA)
- Bit rate: within 8 to 320 kbps (MP3), within 32 to 192 kbps (WMA), less than 4 Mbps (DivX file)
- CD-R/RW, DVD±R/RW Format: ISO 9660
- Maximum Files/Folders: Less than 600 (total number of files and folders)

- This player does not support the file that are recorded with GMC*1 or Qpel*2. Those are video encoding techniques in MPEG4 standard, like DivX have.
  *1 GMC - Global Motion Compensation
  *2 Qpel - Quarter pixel

## Listening to Music Disc or files

| | ON REMOTE |
|---|---|
| **1 Open the disc tray:** | ⏏ **OPEN/CLOSE** |
| **2 Insert a disc:** | **-** |
| **3 Close the disc tray:** | ⏏ **OPEN/CLOSE** |
| **4 Select a music from the menu:** To go directly to track/file, enter the track/file number using the numbered buttons (0-9). | **▲▼, DVD MENU** |
| **5 Start playback:** | ► **PLAY** |
| **6 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 order of the musics on the disc. To add a music(s) on the program list, press **PROGRAM** to enter the program edit mode ( mark appears on the menu). Select a desired music on the [List] then press **ENTER** to add the music to the program list. Select a music from the program list then press **ENTER** to start programmed playback. To clear a 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.

### Playing a CD-G disc

Once you insert an CD-G disc, a menu appears on the screen. Use ▲▼ to select a track then press **PLAY ( ►)**. To display the CD-G menu during playback, press **STOP (■ )** twice.
You can display the setup menu by pressing **SETUP** only when CD-G menu appears on the TV screen.

### Displaying file information (ID3 TAG)

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

### MP3/WMA music file requirement

MP3/WMA compatibility with this unit is limited as follows:
- File extensions: ".mp3", ".wma"
- Sampling frequency: within 8 to 48 kHz (MP3), within 32 to 48 kHz (WMA)
- Bit rate: within 8 to 320 kbps (MP3), within 32 to 192 kbps (WMA)
- CD-R/RW, DVD±R/RW Format: ISO 9660
- Maximum Files/Folders: Less than 600 (total number of files and folders)

***Tip:***

Press and hold ▲▼ to move previous or the next page.

## Viewing photo files

| | ON REMOTE |
|---|---|
| **1 Open the disc tray:** | ⏏ **OPEN/CLOSE** |
| **2 Insert a disc:** | **-** |
| **3 Close the disc tray:** | ⏏ **OPEN/CLOSE** |
| **4 Select a photo file on the menu:** To go directly to file, enter the file number using the numbered buttons (0-9). | **▲▼, DVD MENU** |
| **5 Display the selected file in full screen:** | ► **PLAY** |
| **6 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 (❚❚)** to pause a slide show. Press **PLAY ( ►)** to continue the slide show.

### Listening to music during slide show

You can listen to music during slide show, if the disc contain 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 2 M recommended
- CD-R/RW, DVD±R/RW Format: ISO 9660
- Maximum Files/Folders: Less than 600 (total number of files and folders)

## USB Direct Recording

Connect USB Flash Drive to the unit before recording.
Set [REC Bitrate] option as required. (See page 9)

| | ON REMOTE |
|---|---|
| **1 Insert an Audio CD:** | **-** |
| **2 Select a track:**<br>To go directly to track, enter the track number using the numbered buttons (0-9). | **▲▼, DVD MENU** |
| **3 Start recording:** | **AUDIO** |
| **4 To stop recording:** | **■ STOP** |

### Recordable mode

You can record one desired track or all of the tracks in Audio CD to USB Flash Drive.

- For track recording: Press **AUDIO** in play, pause or resume stop mode.
- For disc recording: Press **AUDIO** in complete stop mode.
- For program list recording: In stop mode, press **AUDIO** after selecting a track on the program list.

### Notes an USB direct Recording

- The recording is available only for Audio CD tracks.
- If you use this function, the “CD_REC” folder will be created automatically in the USB Flash Driver then the music file(s) is saved in it.
- If you remove USB Flash Drive, turn off or open the unit while recording, it can make a malfunction.
- If the remaining space on the USB Flash Drive is insufficient, the recording is not available. To increase the free space, delete files in it using your PC.
- CD-G disc and Audio CDs encoded in DTS cannot be recorded.
- External HDD, Multi Card reader, Multi Partition USB, Locked device and MP3 player are not supported.
- You can set the recording speed pressing **AUDIO** during USB direct recording.
  - X1 Track: While normal speed recording, you can listen to the music.
  - X4 Track: While 4X speed recording, you can not listen to the music.
- Recording format: MP3 file
- Encoding Bit rate: 128 Kbps / 160 Kbps / 192 Kbps / 256 Kbps / 320 Kbps
- Maximum Files/Floders: Less than 600 (total number of files and folders)

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

**Be responsible**
**Respect copyrights**

## Using an USB Flash Drive

You can play MP3/WMA/JPEG/DivX in the USB Flash Drive with version 2.0/1.1.

| | ON REMOTE |
|---|---|
| **1 Connect an USB Flash Drive to the USB port on the unit:** | **-** |
| **2 Display the menu screen in stop mode:** | **RETURN** |
| **3 Select a file:**<br>To go directly to file, enter the file number using the numbered buttons (0-9). | **▲▼, DVD MENU** |
| **4 Play the file:** | **PLAY** |
| **5 Remove the USB Flash Drive:** | **-** |

### Notes an USB Flash Drive

- You can switch USB and DISC mode by pressing **RETURN ()** only in stop mode.
- Do not extract the USB device in operating.
- Regular back up is recommended to prevent data loss.
- If you use a USB extension cable or USB HUB, the USB device might not be recognized.
- Music files (MP3/WMA), photo files (JPEG) and DivX files can be played. For details of operations on each files, refer to relevant pages.
- This unit is not supported when the total number of files is more than 600.
- Bit rate: within 8 to 320 kbps (MP3), within 32 to 192 kbps (WMA), less than 4 Mbps (DivX file)
- The USB function of this unit does not support all kinds of USB devices.
- Digital camera and mobile phone are not supported.
- USB port of the unit can not be connected to PC. The unit can not be used as a storage device.

## 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 | Japanese | 7465 | 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 an 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 power is on, but the unit does not work. | No disc is inserted. | Insert a disc. |
| 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. |
| 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 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 | AC 200 - 240 V, 50 / 60 Hz |
| Power consumption | 9 W |
| Dimensions (Approx.) | (430 x 35 x 200) mm<br>(W x H x D) without foot |
| Net Weight (Approx.) | 1.5 kg |
| Operating temperature | 5 °C to 35 °C |
| Operating humidity | 5 % to 90 % |
| Laser | Semiconductor laser |
| Signal system | PAL/NTSC |

### Inputs

| | |
|---|---|
| USB IN | 4 pin (USB 2.0 / 1.1 standard) |
| Bus power supply | DC 5 V ⎓ 200 mA |

### Outputs

| | |
|---|---|
| Video Output | 1.0 V (p-p), 75 Ω, sync negative,<br>RCA jack (L, R) x 1 /<br>SCART(TO TV) |
| Component Video Output | (Y) 1.0 V (p-p), 75 Ω,<br>sync negative, RCA jack x 1<br>(Pb)/(Pr) 0.7 V (p-p), 75 Ω,<br>RCA jack x 2 |
| HDMI Video/Audio Output | 19 pin(HDMI standard, Type A,<br>Version 1.2) |
| Audio Output | 2.0 Vrms (1 KHz, 0 dB), 600 Ω,<br>RCA jack (L, R) x 1 /<br>SCART(TO TV) |
| Digital Output (Coaxial) | 0.5 V (p-p), 75 Ω, RCA jack x 1 |
| Digital Output (Optical) | 3 V (p-p), Optical jack x 1 |

### Accessories

Video/Audio cable, Remote Control, Battery

**Designs and specifications are subject to change without prior notice.**

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