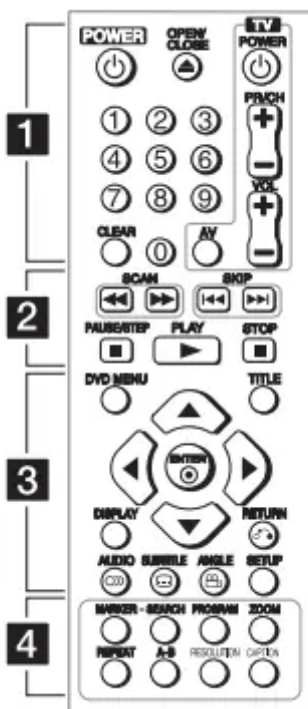


Getting Started

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.

TV Control Buttons: Control the sound volume, channel, sources, and power On/Off on TV.

..... **2**

SCAN (◀◀/▶▶): Searches backward or forward.

SKIP (◀◀/▶▶): Goes to the next or previous chapter / track / file.

PAUSE/STEP (⏸): Pauses 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 (↶): Moves backward or exit the menu.

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.

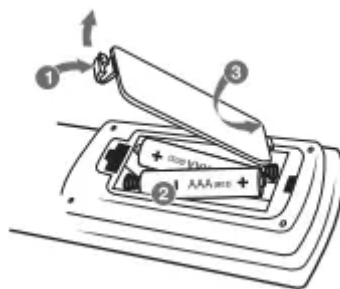
A-B: Repeats a section.

RESOLUTION: Sets the output resolution for HDMI OUTPUT jack.

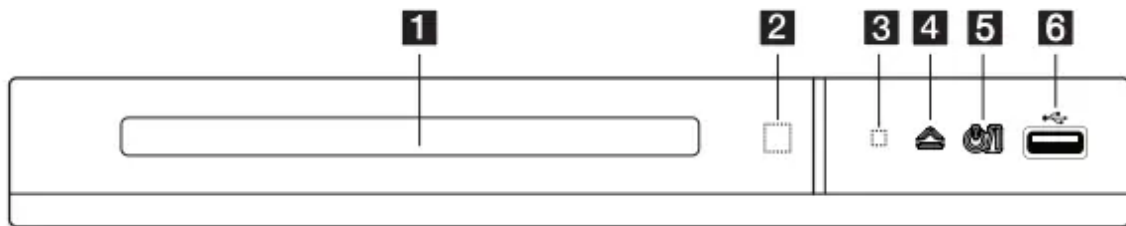
CAPTION: Turns on the closed caption function.

Battery Installation

Remove the battery cover on the rear of the Remote Control, and insert R03 (size AAA) battery with **+** and **-** matched correctly.

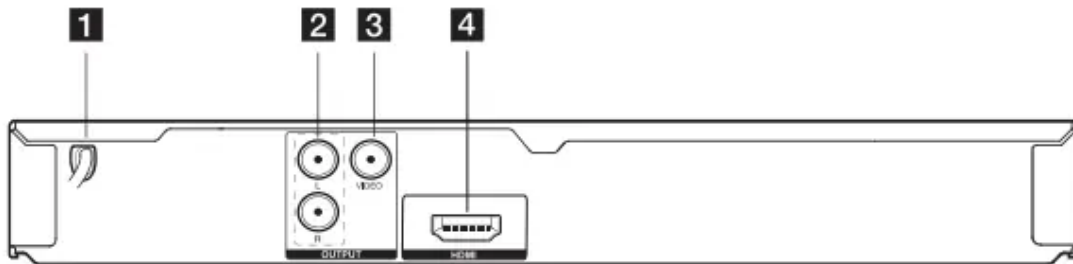


Front Panel



- | | |
|--------------------------|-------------------------|
| 1 Disc Tray | 4 △ (Open/Close) |
| 2 Remote sensor | 5 ⏻ / (Power) |
| 3 Power indicator | 6 USB Port |

Rear Panel

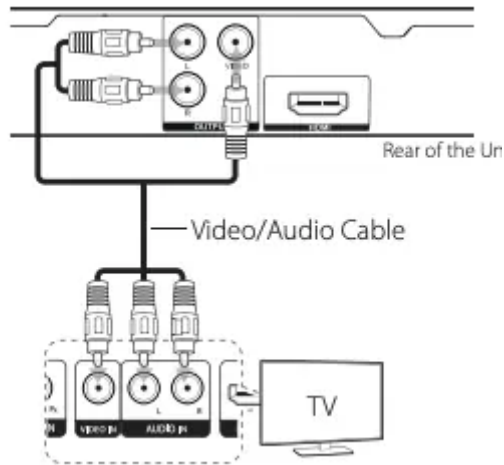


- | |
|------------------------------------|
| 1 AC power cord |
| 2 AUDIO OUTPUT (Left/Right) |
| 3 VIDEO OUTPUT |
| 4 HDMI |

Connecting to your TV

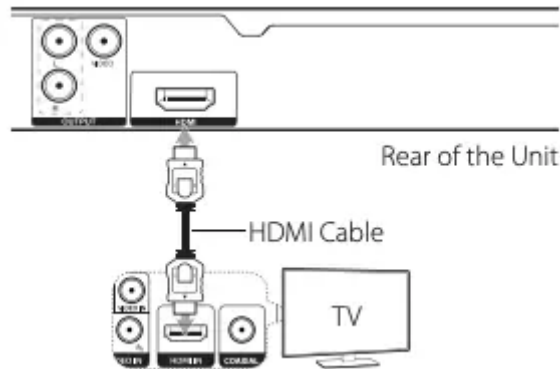
Connecting Video / Audio Cable

Connect the VIDEO/AUDIO OUTPUT on the unit to VIDEO/AUDIO IN on TV with Video/Audio cable, such as VIDEO with yellow, AUDIO Left/Right with white/ red.



Connecting HDMI Cable

Connect the HDMI on the unit to the HDMI IN on compatible TV with HDMI cable. (Type A, High Speed HDMI™ Cable)



Additional Information for HDMI

- 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.
 - Not all HDCP-compatible DVI devices will work with this unit.
 - The picture will not be displayed properly with non-HDCP device.

Resolution Setting

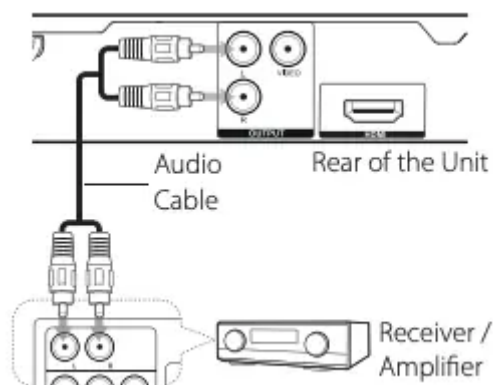
You can change the resolution using RESOLUTION button. y The unit is able to provide a 1080p full HD image to most 1080p-capable TVs in the market today.

- 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. y 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.

Connecting to an Amplifier

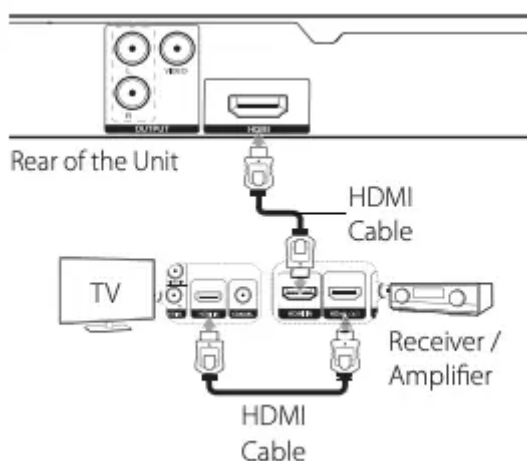
Connecting Audio Cable

Connect the AUDIO OUTPUT on the unit to 2CH AUDIO IN on amplifier with Audio cable, such as AUDIO Left/Right with white/red.



Connecting HDMI Cable

Connect the HDMI on the unit to the HDMI IN on amplifier with HDMI cable. (Type A, High Speed HDMI™ Cable) Connect the HDMI jack on amplifier to HDMI IN jack on TV with HDMI cable, if the amplifier has HDMI jack.



Note

- 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 HDMI output.

Settings

When the unit is turned-on at the first time, you have to select the desired language. (Optional)

Adjust the Setup Settings

You can change the settings of the unit in the [Setup] menu.

- 1. Press SETUP.
- 2. Use ▲/▼ to select the first setup option, and press ► to move to the second level.
- 3. Use ▲/▼ to select a second setup option, and press ► to move to the third level.
- 4. Use ▲/▼ to select a desired setting, and press ENTER (⊙) to confirm your selection.

[LANGUAGE] Menu

Menu Language

Select a language for the Setup menu and onscreen 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 20) If you make a mistake while entering number, press CLEAR to delete numbers then correct it.

[Off] (for Disc Subtitle): Turn off Subtitle.

[DISPLAY] Menu

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.

[AUDIO] Menu

Set the player's Audio options according to various disc output type you use.

Dolby Digital / DTS / MPEG

Select the type of digital audio signal to use the HDMI jack.

[Bitstream]: Select to connect HDMI jack to an amplifier with Dolby Digital, DTS or MPEG decoder.

[PCM] (for Dolby Digital / MPEG): Select to connect HDMI jack to an amplifier without Dolby Digital or MPEG decoder.

[Off] (for DTS): Select to connect HDMI jack to an amplifier without DTS decoder.

Note

- If [Audio Guidance] is set to [On], the audio is output in PCM.
- If [Audio Guidance] is set to [On], the [Dolby Digital], [DTS] and [MPEG] are not activated.

Sample Freq. (Frequency)

Selects the sampling frequency of the audio signal between [48 kHz] and [96 kHz].

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.

[LOCK] Menu

Firstly, you have to create the 4-digit password on [Area Code] to use the LOCK menu.

If you forget your password

First, remove the disc in the unit. Display setup menu then input the 6-digit number "210499". 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.

Area Code

To input the standardized area code referring the Area Code List on page 19.

Operating

General Playback

Playing a Disc **DVD** **ACD**

1. Press OPEN/CLOSE (▲), and place a disc on the disc tray.
2. Press OPEN/CLOSE (▲) to close the disc tray. For the most DVD-ROM discs, playback starts automatically.

For the Audio CD, select a track using ▲/▼/◀/▶ and press PLAY (▶) or ENTER (⊙) to play the Track.

Playing a File **MOVIE** **MUSIC** **PHOTO**

1. Press OPEN/CLOSE (▲) to place a disc on the disc tray, or connect the USB device.
2. Select a file using ▲/▼/▶/◀, and press PLAY (▶) or ENTER (⊙) to play the file.

RETURN (↵)	Changes between Disc and USB Device.
TITLE	Changes the mode. (Music → Photo → Movie)









On-Screen Display **DVD** **MOVIE**

You can display and adjust various information and settings about the content.

- 1. While playback, press DISPLAY to show various playback information.
- 2. Select an option using ▲/▼.
- 3. Use ◀/▶ and numerical button to adjust the selected option value.
- 4. Press DISPLAY to exit the On-Screen display

	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

General Operation

To	Do this
Playback	Press PLAY ()
Pause	Press PAUSE/STEP ()
Stop	Press STOP ()
Skip to the next or previous	Press  or  during playback
Fast forward or fast reverse	Press  or  during playback.
Resume playback	<p>Press STOP () during playback to save the stopped point.</p> <ul style="list-style-type: none"> • Press STOP () once: Displayed  on the screen (Resume Stop) • Press STOP () twice: Displayed  on the screen (Complete Stop)
Screen Saver	Leave the unit in Stop mode for about five minutes, then the screen saver appears. If the Screen Saver is displayed for five minutes, the unit automatically turns itself off.
Last Scene Memory	Turn off the unit, then the unit memorize the lastly viewed scene even if disc is inserted again after removal or unit is turned on after off with same disc. (DVD/ Audio CD only)

Advanced Playback

Movie **DVD MOVIE**



To	Do this
Display disc menu	Press DVD MENU. (DVD Only)
Play repeatedly	<p>Press REPEAT during playback. To select an option to be repeated, Press REPEAT repeatedly.</p> <ul style="list-style-type: none"> • DVD: Chapter/ Title/ Off • MOVIE: Track/ All/ Of
Play frame-byframe	Press PAUSE/STEP (⏸) while Video file playback and press PAUSE/STEP (⏸) repeatedly to play Frame-by-Frame playback.
Repeat a specific portion	Press A-B at the beginning of the portion you wish to repeat and again at the end of the portion. To return to normal playback, press A-B to select [Off].
Set the desired starting time of playback	<p>Searches for the starting point of entered time code. Press DISPLAY then select clock icon. Enter a time then press ENTER (⌂).</p> <p>For example, to find a scene at 1 hour, 10 minutes, and 20 seconds, enter “11020” and press ENTER (⌂).</p> <p>If you enter the wrong number, press CLEAR to enter again.</p>
Mark a favorite scene	scene Press MARKER at the desired position up to nine markers. Press SEARCH to recall or clear position. Use ◀ or ▶ to select a desired marker, then press ENTER (⌂) to recall it or CLEAR to clear it.
Change the subtitle code page (Video file only)	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 (⌂)
Slow down the playing speed (Forward only)	While the playback is paused, press ⏪ repeatedly to play various speeds of slow motion. Press PLAY (▶) to continue play at normal speed.
Watch an enlarged video	<p>During playback or pause mode, press ZOOM repeatedly to select zoom mode.</p> <p>ZOOM: 100 → 200 → 300 → 400 → 100 →</p> <p>▲/▼/◀/▶ : Move through the zoomed picture.</p>

To	Do this
Play repeatedly	<p>Press REPEAT during playback. To select an item to be repeated, Press REPEAT repeatedly.</p> <ul style="list-style-type: none"> • TRACK/ ALL/ (REPEAT Off)
Create or delete your own program	<p>Press the PROGRAM to select desired file and then, E mark appears on screen.</p> <p>Using ▲/▼ and ENTER (⊙) to add a music file(s) on the program list,</p> <p>If you add desired music file(s), press PROGRAM to end edit program list.</p> <p>To clear a music file(s) from the program list, select the music file you want to clear then press CLEAR in program edit mode.</p> <p>To clear all music file(s) from the program list, select [Clear All] then press ENTER (⊙) in program edit mode</p>
Display file information (ID3 TAG).	<p>While playing a MP3 file containing file information, you can display the information by pressing DISPLAY repeatedly.</p> <ul style="list-style-type: none"> • Depending on the MP3 files, information may not be displayed on the screen.
Record the Audio CD to USB device	<p>Connect USB Flash Drive to the unit before recording. Insert an Audio CD, and then select a track using ▲/▼ , DVD MENU.</p> <ul style="list-style-type: none"> • For track recording: Press AUDIO(🎵) in play, pause or resume stop mode. • For all track recording: Press AUDIO(🎵) in complete stop mode. • For program list recording: In stop mode, press AUDIO(🎵) after selecting a track on the program list.

Note

- 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. y 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

Photo **PHOTO**

To	Do this
View photo files as a slide show	Use ▲/▼/◀/▶ to highlight (🖼️) icon then press ENTER (⏹) to start slide show.
Adjust slide show speed	You can change slide show speed using ◀/▶ when (🖼️) icon is highlighted.
Rotate a photo	Use ▲/▼ to rotate the photo in full screen counterclockwise or clockwise while viewing a photo in full screen
Watch an enlarged Photo	While viewing a photo in full screen, press ZOOM repeatedly to select zoom mode. ZOOM: 100 → 200 → 300 → 400 → 100 → ▲/▼/◀/▶ : Move through the zoomed photo.
Listen 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.

Troubleshooting

Symptom	Cause	Solution
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.
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.
	There is an obstacle in the path of the remote control and the unit.	Remove the obstacle.
Poor picture quality and sound distortion.	Fingerprints and dust are stained on the disc.	Wipe the disc from the center to out with a clean cloth. Do not use strong solvents. (alcohol, benzine, thinner, commercially available cleaners)
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 TV does not accept the resolution that is set on the unit.	Press RESOLUTION repeatedly to select appropriate resolution.
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.
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Warning

This content is compiled from multiple sources and is provided for reference purposes only. It may not be complete or fully applicable to all situations. If you are unable to resolve your issue, please contact the product manufacturer or an authorized service provider for official support.

