LG
Life's Good

ENGLISH

OWNER'S MANUAL
DVD Player

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

DV632

MFL67121226

Safety Information

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER (OR BACK) NO USER-SERVICEABLE PARTS INSIDE REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

This lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated dangerous voltage within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

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

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

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

CAUTION: Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the product and to protect it from over heating. The openings shall be never be blocked by placing the product on a bed, sofa, rug or other similar surface. This product shall not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instruction has been adhered to.

CAUTION: This product employs a Laser System. To ensure proper use of this product, please read this owner's manual carefully and retain it for future reference. Shall the unit require maintenance, contact an authorized service center.
Use of controls, adjustments or the performance of procedures other than those specified herein may result in hazardous radiation exposure.
To prevent direct exposure to laser beam, do not try to open the enclosure. Visible laser radiation when open. DO NOT STARE INTO BEAM.

CAUTION concerning the Power Cord

Most appliances recommend they be placed upon a dedicated circuit;

That is, a single outlet circuit which powers only that appliance and has no additional outlets or branch circuits. Check the specification page of this owner's manual to be certain. Do not overload wall outlets. Overloaded wall outlets, loose or damaged wall outlets, extension cords, frayed power cords, or damaged or cracked wire insulation are dangerous. Any of these conditions could result in electric shock or fire. Periodically examine the cord of your appliance, and if its appearance indicates damage or deterioration, unplug it, discontinue use of the appliance, and have the cord replaced with an exact replacement part by an authorized service center. Protect the power cord from physical or mechanical abuse, such as being twisted, kinked, pinched, closed in a door, or walked upon. Pay particular attention to plugs, wall outlets, and the point where the cord exits the appliance. To disconnect power from the mains, pull out the mains cord plug. When installing the product, ensure that the plug is easily accessible.

This device is equipped with a portable battery or accumulator.

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

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

Notes on Copyrights

This item incorporates copy protection technology that is protected by U.S. patents and other intellectual property rights of Rovi Corporation. Reverse engineering and disassembly are prohibited.

Under the U.S. Copyright laws and Copyright laws of other countries, unauthorized recording, use, display, distribution, or revision of television programs, videotapes, DVDs, CDs and other materials may subject you to civil and/or criminal liability.

Caution of Unit treatment

- **Shipping the unit**
  Save the original packing materials and re-pack the unit with them to maximize protection.
- **Cleaning the unit**
  Clean the unit using a soft and dry cloth with a mild detergent solution, not strong solvents occurred the damage of surface.
- **Maintaining performance of the unit**
  Maintain the cleaing status of optical pick-up lens and disc drive parts. If they are dirty or worn, the displayed quality could be diminished. For details, please contact your nearest authorized service center.

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Introduction

Symbols Used in this Manual

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

DVD	DVD-Video, DVD±R/RW
ACD	Audio CDs
MOVIE	Movie files contained in the USB/Disc
MUSIC	Music files contained in the USB/Disc
PHOTO	Photo files contained in the USB/Disc

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 specific media.

Regional Code

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

Playable Discs

DVD VIDEO	**DVD-VIDEO** (8 cm / 12 cm disc) Discs such as movies that can be purchased or rented.
DVD R RW DVD+R	**DVD±R** (8 cm / 12 cm disc) - Video mode and finalized only - Supports the dual layer disc also - DVD±R discs that contain Movie, Music or Photo files.
DVD RW	**DVD-RW** (8 cm / 12 cm disc) - VR mode, Video mode and finalized only - DVD-RW discs that contain Movie, Music or Photo files.
RW DVD+ReWritable	**DVD+RW** (8 cm / 12 cm disc) - Video mode and finalized only - DVD+RW discs that contain Movie, Music or Photo files.
COMPACT disc DIGITAL AUDIO	**Audio CD** (8 cm / 12 cm disc)
COMPACT disc DIGITAL AUDIO Recordable ReWritable	**CD-R/RW** (8 cm / 12 cm disc) CD-R/RW discs that contain audio titles, Movie, Music or Photo files.

Note

You have to set the disc format option to [Mastered] in order to make the discs compatible with the LG players when formatting rewritable discs. When setting the option to Live System, you cannot use it on LG player. (Mastered/Live File System: Disc format system for windows Vista)

File compatibility

Overall

Available File extensions: ".jpg", ".jpeg", ".avi", ".divx", ".mpg", ".mpeg", ".mp3", ".wma"

- The file name is limited to 20 characters.
- Depending on the size and number of the files, it may take several minutes to read the contents on the media.

Maximum Files/Folder: Less than 600 (total number of files and folders)

CD-R/RW, DVD±R/RW Format: ISO 9660

MOVIE

Available resolution size:
720 x 576 (W x H) pixels

Playable 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", "DIVX6.xx" (Standard playback only), "MP43", "3IVX"

Note

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

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 32 - 192 kbps (WMA), less than 4Mbps (DivX file)

MUSIC

Sampling frequency: within 8 - 48 kHz (MP3), within 32 - 48 kHz (WMA)

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

PHOTO

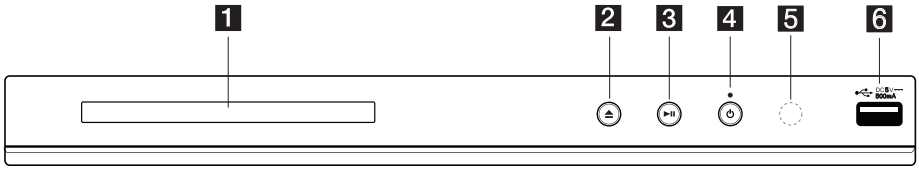
Recommended size: less than 2 MB

- Progressive and lossless compression photo image files are not supported.

Notes of USB Device

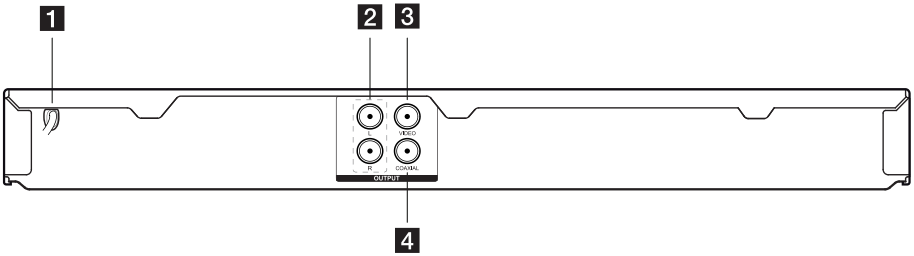
- Do not extract the USB device during operation (play, etc.).
- A USB device which requires additional program installation when you have connected it to a computer, is not supported.
- USB device: USB device that supports USB1.1 and USB2.0.
- Movie, music and photo files can be played. For details of operations on each file, refer to relevant pages.
- Regular back up is recommended to prevent data loss.
- If you use a USB extension cable, USB HUB or USB Multi-reader, the USB device may not be recognized.
- Some USB device may not work with this unit.
- Digital camera and mobile phone are not supported.
- USB Port of the unit cannot be connected to PC. The unit cannot be used as a storage device.

Front panel



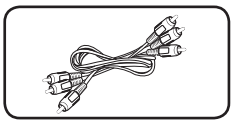
1 Disc Tray
2 ⏏ (Open/Close)
3 ▶II (Play/Pause)
4 ⏻ (Power) and Indicator
5 Remote Sensor
6 USB Port

Rear panel

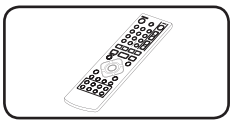


1 AC power cord
2 2CH AUDIO OUTPUT (Left/Right)
3 VIDEO OUTPUT
4 DIGITAL AUDIO OUTPUT (COAXIAL)

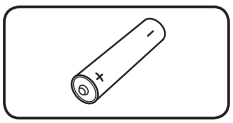
Supplied Accessories



RCA Video/Audio cable (1)

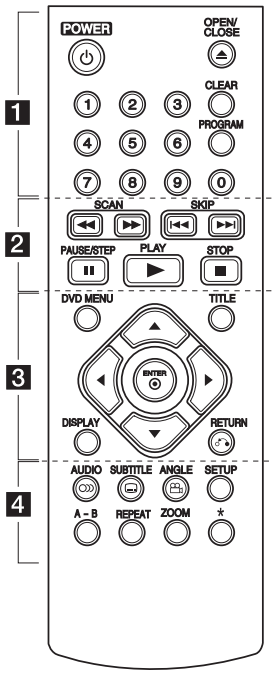


Remote control (1)



Battery (1)

Remote control



1

⏻ **(POWER):** Switches the player ON or OFF.

⏏ **(OPEN/CLOSE):** Opens and closes the disc tray.

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

CLEAR: Removes a number when setting the password.

PROGRAM: Enters the program edit mode.

2

◀◀/▶▶ **(SCAN):** Searchs backward or forward.

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

II **(PAUSE/STEP):** Pauses playback.

► **(PLAY):** Starts playback.

■ **(STOP):** Stops playback.

3

DVD MENU: Accesses or exits the DVD menu.

DISPLAY: Accesses On-Screen Display.

TITLE: Accesses the disc's title menu

(RETURN): Returns the former menu or exits the menu, and change to the USB mode.

▲▼◀▶ **(Direction buttons):** Selects an option in the menu.

⊙**(ENTER):** Confirms menu selection.

4

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

(SUBTITLE): Selects a subtitle language.

(ANGLE): Selects a DVD camera angle if it is available on the disc being played.

SETUP: Accesses or exits the setup menu.

A-B: Repeats a section.

REPEAT: Repeats a desired selection or sequence.

ZOOM: Enlarges video image in disc mode.

✱**:** This button is not available.

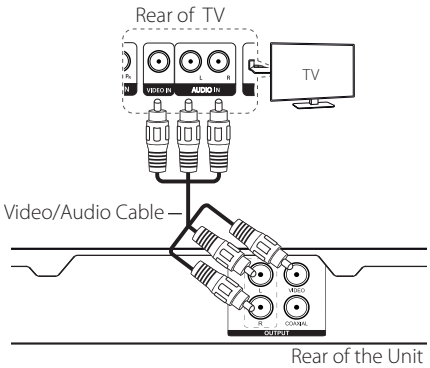
Battery Installation

Remove the battery cover on the rear of the Remote Control, and insert one R03 (size AAA) battery with ⊕ and ⊖ matched correctly.

Connecting to your TV

Connecting Video / Audio cable

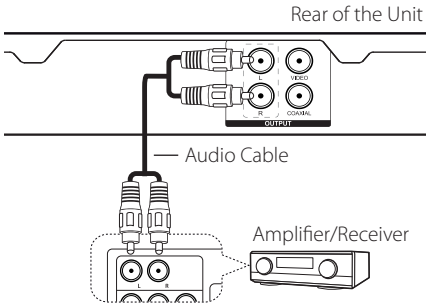
Connect the VIDEO/AUDIO OUTPUT on the unit to VIDEO/AUDIO IN on TV with Video/Audio cable, such as VIDEO with yellow, AUDIO Left/Right with white/red.



Connecting to an Amplifier

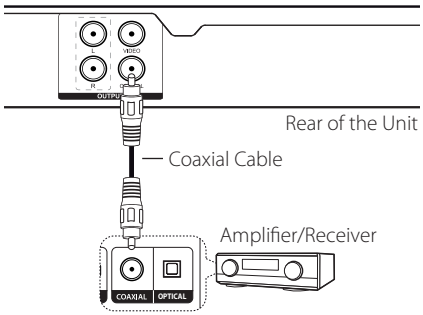
Connecting Audio cable

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 COAXIAL (digital audio) cable

Connect the COAXIAL (digital audio out) on the unit to Digital Audio IN (COAXIAL) on amplifier with COAXIAL cable.



- If your TV is not capable of handling 96 kHz sampling frequency, set the [Sample Freq.] option to [48 KHz] on the setup menu (See page 12).
- 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 12).

Setup

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

Adjust the settings

You can change the settings of the player in the [SETUP] menu.

1. Press SETUP.
2. Select the first setup option using ▲▼ and press ▶ to move to the second level.
3. Select a second setup option using ▲▼ and press ▶ to move to the third level.
4. Select a desired setting using ▲▼ and press ENTER to confirm.
5. Press SETUP to escape from setup menu.

[LANGUAGE] Menu

Menu Language/Disc Audio/Disc Subtitle/Disc Menu

Select and set the language you prefer.

[DISPLAY] Menu

TV Aspect

Select and set TV aspect ratio according to your TV type and preference.

[4:3]: Standard TV type

[16:9]: Wide TV type

Display Mode

Select and set Display Mode according to your preference. Display Mode works only when the TV Aspect mode is 4:3.

[Letterbox]: Display wide screen with black stripe at top and bottom on TV.

[Panscan]: Display full screen with cut non-main scene on TV.

[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 DIGITAL AUDIO OUTPUT jack.

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

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

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

Sample Freq. (Frequency)

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

DRC (Dynamic Range Control)

To adjust the volume level by itself when Audio level reaches to more than the specific level (Dolby Digital only).

Vocal

To mix the vocal with music using the multi-channel karaoke DVD.

[LOCK] Menu

Move to [Area Code] by pressing ▶. Press ENTER after input the 4-digit password. Input the same 4-digit with password again to verify and press ENTER. The Rating and Password menu will be activated.

Rating

Input the 4-digit password and press ENTER. Select the level from 1(Kids) to 8 (Adult).

Change Password

Input the former 4-digit password. Input the new 4-digit password and input it again to verify.

If you forget the password

Remove the disc. Input "210499" on Setup menu and press ENTER. The password will be cleared.

Area Code

To input the standardized area code refer to the Area Code List on page 18.

[OTHERS] Menu

B.L.E (Black Level Expansion)

Select [On] or [Off] to expand the black level or not.

It just operates when TV system is set to NTSC.

REC Bitrate

To select bitrate when you record from Audio CD to USB directly. Higher bitrate gives better sound quality. For detailed recording method, see page 16.

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 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 purchased DivX Video-on-Demand (VOD) movies. To obtain your registration code, locate the DivX VOD section in your device setup menu. Go to vod.divx.com for more information on how to complete your registration.

[Register]: Displays the registration code of your unit.

[Deregister]: Deactivate your unit and display the deactivation code.

On-Screen display

You can display and adjust various information on-screen about the loaded disc and USB Device.

Displaying content information on-screen DVD MOVIE

1. Press DISPLAY to see the various playback information.
2. Select an available contents by pressing ▲▼ and ENTER.
3. Change an available content by pressing ◄► or the numerical button and ENTER.
4. Press DISPLAY to escape from playback information.

	Current title number/total number of titles
	Current chapter number/ total number of chapters
	Elapsed playing time Total playback time of current title/file
	Selected audio language and output channel
	Selected subtitle
	Selected angle/total number of angles

General Playback

Playing Disc

1. Press ⏏, and place a disc on the disc tray.
2. Press ⏏ to close the disc tray.
3. Press ► to play the file.
   DVD disc will be automatically loaded.

Playing USB Device

1. Connect the USB device.
2. Change to the USB mode by pressing RETURN.
3. Select the desired file.
4. Press ► to play the file.

General operation

To	Do this
Playback	Press ►
Pause	Press II
Stop	Press ■
Skip to the next or previous	Press I◄◄ or ►►I during playback.
Fast / slow playback forward	Press ◄◄ or ►► during playback.
Resume playback	Press ■ during playback to save the stopped point. • Press ■ once: Displayed II■ on the screen (Resume Stop) • Press ■ twice: Displayed ■ on the screen (Complete Stop)
Playback disc or USB device with several kinds of files	Select the proper menu by continuously pressing TITLE as MUSIC, PHOTO and MOVIE.
Screen Saver	The Screen Saver operates when unit let leave for 5minutes on Stop. Press any buttons to deactivate it.
Last Scene Memory	This unit can memorize and play the lastly viewed scene even if disc is inserted again after removal or unit is turned on after off with same disc. (DVD/ACD only)
System Select	Press and hold II for 5 seconds to select PAL or NTSC.

Advanced Playback

Movie DVD MOVIE

To	Do this
Display disc menu	Press DVD MENU (DVD Only)
Play repeatedly	Press REPEAT during playback. Press REPEAT repeatedly. • DVD: CHAPTER/ TITLE /REPEAT Off • MOVIE: Track/ All/Off
Repeat a specific portion	Press A-B to beginning and end points desired repeatedly. To return to normal playback, Press A-B again to return to normal playback.
Set the desired starting time of playback	Press DISPLAY during playback. Select the elapsed Time. Input the desired starting time of playback using numerical buttons and then press ENTER. For example, set "02:10:20" to start at 2 hours, 10 minutes, and 20 seconds.
Watch an enlarged scene	Press ZOOM repeatedly during playback or pause mode. Use ▲▼◄► to move the enlarged picture. • ZOOM rate: 100%/ 200%/ 300%/ 400%
Play frame-by-frame	Press II during playback and press II repeatedly.
Select the proper subtitle code on Movie file	Press and hold SUBTITLE for 3 seconds during playback.The language code will be appeared. Select properly displayed subtitle by pressing ◄► and, press ENTER.

Music ACD MUSIC

To	Do this
Play repeatedly	Press REPEAT during playback. Press REPEAT repeatedly. • Track/ ALL/(REPEAT Off)
Create or delete your own program	Press PROGRAM on stop mode, and then Ⓔ will be displayed on screen. Select the desired one or more files or tracks by pressing ENTER. If you want to delete undesired list, • One file: Select the file and press CLEAR • All file: Select [Clear All] and press ENTER
Display file information (ID3 Tag)	While playing a MP3 file containing file information, the information is displayed by pressing DISPLAY repeatedly.
Record the Audio CD to USB device	Insert Audio CD and USB Device, and then AUDIO Ripping will be displayed on screen. Press AUDIO, and then recording will be started. Recording speed can be adjusted as X1 or X4 by pressing AUDIO repeatdly. • X1: Played back during recording • X4: Non-played back during recording • Recording of one track: Playback, pause, or resume stop mode • Recording of all tracks: Stop mode If you want to stop recording, press STOP.

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

Be responsible
Respect copyrights

Photo PHOTO

To	Do this
Move to previous or next photo	Press DISPLAY, and move to previous or next photo by pressing ⏮ or ⏭.
Rotate a photo	Press DISPLAY, and rotate the photo counterclockwise or clockwise using ▲▼ while displaying a photo in full screen.
Watch an enlarged Photo	During slide show, press ZOOM repeatedly to select zoom mode. • ZOOM rate: 100%/ 200%/ 300%/ 400% • Move the zoomed photo using ▲▼◄►.
View the slide show	Move to "▭" by pressing ► and press ENTER.
Adjust the slide show speed	Move to "▭" by pressing ►▼ and adjust the slide show speed by pressing ◄► repeatedly.
Listen to music during slide show	Move to "▭♫" by pressing ►▼ and press ENTER.

Troubleshooting

Symptom	Cause	Solution
No power.	The power cord is disconnected.	Plug the power cord.
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.
Poor picture quality and sound distortion	Fingerprints and dust is 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.
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.

Area Code List

Choose an area code from this list.

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

Language code List

Use this list to input your desired language for the following initial settings: [Disc Audio], [Disc Subtitle] and [Disc Menu].

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

Specifications

Power requirements	AC 110 - 240 V, 50/60 Hz
Power consumption	11 W
Dimensions (W x D x H)	Approx. (360 x 200 x 35) mm
Net Weight (Approx.)	1.12 kg
Operating temperature	0 °C to 40 °C
Operating humidity	5 % to 90 %
Laser	Semiconductor laser
Signal system	PAL / NTSC
Bus Power Supply (USB)	DC 5 V ⎓ 500 mA
VIDEO OUTPUT	1.0 V (p-p), 75 Ω, sync negative, RCA jack x 1
AUDIO OUTPUT	2.0 Vrms (1 kHz, 0 dB), 600 Ω, RCA jack (L, R) x 1
Digital Audio Out (COAXIAL)	0.5 V (p-p), 75 Ω, RCA jack x 1

Design and specifications are subject to change without prior notice.

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