

# CD/DVD Player

## Reference Guide

DVP-SR510H



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### WARNING

To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture. To avoid electrical shock, do not open the cabinet. Refer servicing to qualified personnel only. The AC power cord must be changed only at a qualified service shop. Batteries or batteries installed apparatus shall not be exposed to excessive heat such as sunshine, fire or the like.

### CAUTION

The use of optical instruments with this product will increase eye hazard. As the laser beam used in this CD/DVD player is harmful to eyes, do not attempt to disassemble the cabinet. Refer servicing to qualified personnel only.



- This symbol 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.
- This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

### Precautions

- To prevent fire or shock hazard, do not place objects filled with liquids, such as vases, on the apparatus.
- The player is not disconnected from the AC power source as long as it is connected to the wall outlet, even if the player itself has been turned off.
- Do not install this player in a confined space, such as a bookshelf or similar unit.
- Install the player so that the AC power cord can be unplugged from the wall socket immediately in the event of trouble.
- If the player is brought directly from a cold to a warm location, or is placed in a very damp room, moisture may condense on the lenses inside the player. Should this occur, the player may not operate properly. In this case, remove the disc and leave the player turned on for about half an hour until the moisture evaporates.

### For customers in the USA Owner's Record

The model and serial numbers are located at the rear of the unit. Record the serial number in the space provided below. Refer to them whenever you call upon your Sony dealer regarding this product.

Model No. \_\_\_\_\_  
Serial No. \_\_\_\_\_

### CAUTION

You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.

### Note

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

— Consult the dealer or an experienced radio/TV technician for help.

### Important Safety Instructions

- Read these instructions.
- Keep these instructions.
- Heed all warnings.
- Follow all instructions.
- Do not use this apparatus near water.
- Clean only with dry cloth.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- Only use attachments/accessories specified by the manufacturer.
- Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
- Unplug this apparatus during lightning storms or when unused for long periods of time.
- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

### Region code

Your player has a region code printed on the back of the unit and only will play commercial DVDs labeled with an identical region code or

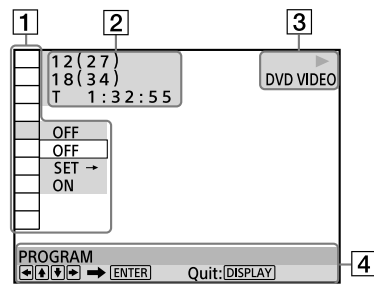
### Copyrights and trademarks

- 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.
- MPEG Layer-3 audio coding technology and patents licensed from Fraunhofer IIS and Thomson.
- Windows Media is either a registered trademark or trademark of Microsoft Corporation in the United States and/or other countries. This product contains technology subject to certain intellectual property rights of Microsoft. Use or distribution of this technology outside of this product is prohibited without the appropriate license(s) from Microsoft.
- This DVD player incorporates High-Definition Multimedia Interface (HDMI™) technology. HDMI, the HDMI Logo, and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries.
- This product meets ENERGY STAR® guidelines for energy efficiency. ENERGY STAR and the ENERGY STAR mark are registered U.S. marks. ENERGY STAR is a registered mark owned by the U.S. government.

## Control Menu Display

### Press DISPLAY.

To change the Control Menu display, press DISPLAY again. The available items differ depending on the disc/file or the situation.



- Control Menu items: "Menu list" Selected item options
- Number of titles  
Number of chapters  
Playing time
- Playback status  
Media type
- Selected Control Menu item  
Operation message

### Menu list

- TITLE/SCENE/TRACK
- CHAPTER/INDEX
- TRACK
- TIME/TEXT
- TOP MENU/MENU
- ORIGINAL/PLAY LIST
- PROGRAM

Select "SET →," then press ENTER and select the title (T), chapter (C), or track (T) you want to program, and press ENTER. Press .

- SHUFFLE
- REPEAT
- A-B REPEAT

Select "SET →," then press ENTER. Select point A and point B by pressing ENTER.

### PARENTAL CONTROL

Playback of some DVD VIDEOS can be limited according to a predetermined level such as the age of the users. Scenes may be blocked or replaced with different scenes. **PLAYER** →: Enter your 4-digit password, then press ENTER. Select the level in "LEVEL." The lower the value, the stricter the limitation. Select an area in "STANDARD." When you select "OTHERS→," select and enter a standard code. "PARENTAL CONTROL AREA CODE LIST" **PASSWORD** →: Enter a 4-digit password. If you forget your password, enter "199703" in the password box, press ENTER, and then enter a new 4-digit password.

### SETUP

You can adjust various settings when the player is in stop mode. **QUICK**: Adjusts the basic settings. **CUSTOM**: "CUSTOM menu" **RESET**: Returns the settings in "SETUP" to the default setting.

### ZOOM

During zoom, scroll using /↑/↓/→.

- ANGLE
- CUSTOM PICTURE MODE

Selects the picture quality.

- STANDARD**: Displays a standard picture.
- DYNAMIC**: Produces a bold dynamic picture.
- CINEMA**: Enhances details in dark areas.
- MEMORY** →: Adjusts the picture in greater detail.

### SHARPNESS

- Exaggerates the outline of the image.
- 1**: Enhances the outline.
- 2**: Enhances the outline more than 1.

### AV SYNC

Adjusts the delay between the picture and sound. Select "SET →," then press ENTER. Press , then press ENTER. This function is not effective when you use the DIGITAL OUT (COAXIAL)/HDMI OUT jack and set "DOLBY DIGITAL"/"DTS" in "AUDIO SETUP" to "DOLBY DIGITAL" and "ON" respectively.

### Items for DATA files

- ALBUM (music/photo)
- FILE (photo)
- ALBUM (video)
- FILE (video)
- DATE
- INTERVAL

Specifies the duration for which the slides are displayed on the screen.

### EFFECT

Selects the effects to be used for changing slides during a slide show.

- MODE 1**: Random
- MODE 2**: From top left
- MODE 3**: From top
- MODE 4**: From left
- MODE 5**: From the center

### MEDIA

Selects the media type you want to play. **VIDEO**: Plays video files. **PHOTO (MUSIC)**: Plays photo and music files as a slide show when music and photo files are placed in the same album. **PHOTO**: Plays photo files. **MUSIC**: Plays music files. To play music with lyrics, press SUBTITLE while playing music files that contain MP3 ID3 Lyrics.

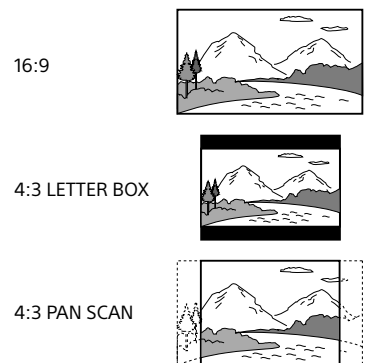
### CUSTOM menu

#### LANGUAGE SETUP

**OSD (On-Screen Display)**: Switches the display language on the screen. **MENU**: Selects the language for the DVD VIDEO's menu. When you select "OTHERS →," select and enter a language code. "LANGUAGE CODE LIST" **AUDIO**: Switches the language of the sound track recorded on the DVD VIDEO. When you select "ORIGINAL," the language given priority in the disc is selected. **SUBTITLE**: Switches the language of the subtitle recorded on the DVD VIDEO. When you select "AUDIO FOLLOW," the language for the subtitles changes according to the language you selected for the sound track.

#### SCREEN SETUP

**TV TYPE**: Selects the aspect ratio of the connected TV.



**SCREEN SAVER**: When set to "ON," the screen saver appears when the player is in pause or stop mode for 15 minutes. Press to turn off the screen saver. **BACKGROUND**: Selects the background color or picture on the TV screen. If you set "JACKET PICTURE," even though the disc does not contain a jacket picture, the "GRAPHICS" picture appears. **BLACK LEVEL**: Selects the black level (setup level) for video signals output from the jacks other than HDMI OUT. **MODE (PROGRESSIVE)**: If you select "AUTO," the player detects the format (film-based or video-based), and converts to the appropriate version. **4:3 OUTPUT**: This setting is effective only when you set "TV TYPE" to "16:9." Select "FULL" when you can change the aspect ratio on your TV.

#### CUSTOM SETUP

**AUTO PLAY**: When set to "ON," the player automatically starts playback when the player is turned on. **PAUSE MODE**: Selects the picture in pause mode for DVDs. Normally select "AUTO." When the picture is output in high resolution, set to "FRAME." **TRACK SELECTION**: Gives the sound track which contains the highest number of channels priority when you play a DVD VIDEO on which multiple audio formats (PCM, DTS, or Dolby Digital format) are recorded. If you select "AUTO," priority is given. **IMAGE QUALITY**: Selects the priority to either high quality image or quick speed to display photo files. **MULTI-DISC RESUME**: Switches the Multi-disc Resume setting on or off. Resume playback can be stored in memory for up to 6 different DVD VIDEOS/VIDEO CDs. If you start the settings again, the resume point is cleared.

## AUDIO SETUP

**AUDIO DRC (Dynamic Range Control)\*:** Set according to the surrounding environment. Set to “TV MODE” when the smallest sounds are indiscernible, or set to “WIDE RANGE” when the listening environment is good, for example, in a home movie theater.

**DOWNMIX\*:** Switches the method for mixing down to 2 channels when you play a DVD which has rear sound elements (channels), or is recorded in Dolby Digital format. Normally select “DOLBY SURROUND.”

**DIGITAL OUT:** Selects if audio signals are output via the DIGITAL OUT (COAXIAL)/HDMI OUT jack. When you select “ON,” set also the following “DOLBY DIGITAL,” “DTS,” or “48kHz/96kHz PCM.”

**DOLBY DIGITAL:** Selects the type of Dolby Digital signal. Set to “D-PCM” when the player is connected to an audio component without a built-in Dolby Digital decoder.

**DTS:** Selects the type of DTS audio signal. Set to “ON” when you play a DVD VIDEO with DTS sound tracks. Do not set to “ON” when you connect the player to an audio component without a DTS decoder.

**48kHz/96kHz PCM:** Selects the sampling frequency of the digital audio output signal for a DVD VIDEO.

## HDMI SETUP

**HDMI RESOLUTION:** Selects the type of video signal output from the HDMI OUT jack. If “AUTO (1920×1080p)” is selected, the player outputs video signals of the highest resolution acceptable for your TV. If the picture does not appear normally or goes blank, reset the setting. See “Troubleshooting” (There is no picture/picture noise appears). You cannot select this when “JPEG RESOLUTION” is set to “PhotoTV HD.”

**JPEG RESOLUTION:** Selects the type of JPEG resolution so that you can enjoy a high picture quality via HDMI connection. This setting is effective only when you set “TV TYPE” to “16:9.” You cannot select this when “HDMI RESOLUTION” is set to “720×480p.” “(1920×1080i) HD □” and “(1920×1080i) HD” are effective only when you set “HDMI RESOLUTION” to “1920×1080i.” If you have a Sony TV that is compatible with “PhotoTV HD” and set this setting to “PhotoTV HD,” you can enjoy the best quality images. If you set this setting to “PhotoTV HD,” “(1920×1080i) HD □” or “(1920×1080i) HD,” the effect, rotation, and zoom functions are not available.

**YCbCr/RGB (HDMI):** Selects the type of HDMI signal output from the HDMI OUT jack. Set to “RGB” if the playback picture is distorted. You cannot select this when “JPEG RESOLUTION” is set to “PhotoTV HD.”

**AUDIO (HDMI):** Selects the type of audio signal output from the HDMI OUT jack. Set to “PCM” if you connect the player to a TV that is not compatible with DOLBY DIGITAL/DTS signals.

\* This function affects the output from the following jacks:

- LINE OUT L/R (AUDIO) jacks.
- DIGITAL OUT (COAXIAL)/HDMI OUT jack only when “DOLBY DIGITAL” is set to “D-PCM.”

# Specifications

### System

Laser: Semiconductor laser

### Inputs/Outputs

- LINE OUT L/R (AUDIO): Phono jack
- DIGITAL OUT (COAXIAL): Phono jack
- LINE OUT (VIDEO): Phono jack
- HDMI OUT: HDMI 19 pin-Standard Connector

### General

- Power requirements: 120 V AC, 60 Hz
- Power consumption: 6 W
- Dimensions (approx.): 270 × 38.5 × 209 mm (10<sup>5</sup>/<sub>8</sub> × 1<sup>1</sup>/<sub>2</sub> × 8<sup>1</sup>/<sub>4</sub> in.) (width/height/depth) incl. projecting parts
- Mass (approx.): 950 g (2 lb 2 oz)
- Operating temperature: 5 °C to 35 °C (41 °F to 95 °F)
- Operating humidity: 25% to 80%

### Supplied accessories

- Audio/Video cord (1)
- Remote commander (remote) (1)
- Size AA (R6) batteries (2)

Specifications and design are subject to change without notice.

### Playable file format

Video: MPEG-1 (Cyber-shot data)
Photo: JPEG (DCF format)
Music: MP3 (except for mp3PRO)/WMA (except for WMA Pro)/AAC/LPCM/WAVE

Supported extensions: “.mpg”, “.mpeg”, “.jpg”, “.mp3”, “.wma”, “.m4a”, “.wav”
Supported discs: DVD, DVD+RW/+R/+R DL (+VR mode), DVD-RW/-R/-R DL (VR mode/video mode), Music CD/Super VCD, CD-R/-RW

- DATA CDs recorded according to ISO 9660 Level 1/Level 2, or its extended format, Joliet.
- DATA DVDs recorded according to UDF.
- The player will play any file in the above, even if the file format differs. Playing such data may generate noise that can result in speaker damage.
- To play a complex hierarchy of folders may take some time. Create albums with no more than two hierarchies.
- The player does not play coded files such as DRM or Lossless compression.
- Some video, photo, and music files may not play, depending on the encoding/recording condition.
- The player will recognize a maximum of 200 albums and 600 files. It can recognize up to 300 music files and 300 photo files when “PHOTO (MUSIC)” is selected.
- The player cannot play a video file of size more than 720 (width) × 576 (height)/2 GB.
- The player may not play back the high bit rate video file on the DATA CD smoothly. You are recommended to play back using DATA DVD.

### Note about recordable media

Some recordable media cannot be played on this player due to the recording quality or physical condition of the disc, or the characteristics of the recording device and authoring software. The disc will not play if it has not been correctly finalized. Also some DATA discs created in Packet Write format cannot be played.

### Note about copy protection

Images in DVD-VR mode with CPRM protection may not be played.

### Note on DVDs and VIDEO CDs

Some playback operations of DVDs and VIDEO CDs may be intentionally set by software producers. Since this player plays DVDs and VIDEO CDs according to the disc contents the software producers designed, some playback features may not be available. Also, refer to the operating instructions supplied with the DVDs or VIDEO CDs.

### Note on discs

This unit is designed to play back discs that conform to the Compact Disc (CD) standard. DualDiscs and some music discs encoded with copyright protection technologies do not conform to the Compact Disc (CD) standard. Therefore, these discs may not be compatible with this unit.

### Note about the discs

Do not use the following discs:

- A disc recorded in a color system other than NTSC, such as PAL (this player conforms to the NTSC color system).
- A disc that has a non-standard shape (e.g., card, heart).
- A disc with a label or sticker on it.

## The player automatically returns to standby mode

If any button on the player or remote is not pressed for more than 25 minutes, the player automatically returns to standby mode.

## Playing VIDEO CDs with PBC functions

When you start playing a VIDEO CD with PBC (Playback control) functions, the menu for your selection appears.

To play without using PBC, press ◀◀/▶▶ or the number buttons while the player is stopped to select a track, then press ▶ or ENTER. To return to PBC playback, press ■ twice, then press ▶.

## Controlling TVs with the remote

While holding down TV I/⏻, press the number buttons to select your TV’s manufacturer’s code.

Sony 01	Panasonic 19
Goldstar 04	Philips 21
Hitachi 02	Pioneer 16
LG 04	RCA 10
MGA 13	Samsung 20
Mitsubishi 13	Sharp 18
NEC 04	Toshiba 07

# Troubleshooting

If you experience any of the following difficulties while using the player, use this troubleshooting guide to help remedy the problem before requesting repairs. Should any problem persist, consult your nearest Sony dealer.

### The power is not turned on.

→ Check that the power cord is connected securely.

### There is no picture/picture noise appears.

→ Re-connect the connecting cord securely.
→ The connecting cords are damaged.
→ Check the connection to your TV and switch the input selector on your TV so that the signal from the player appears on the TV screen.
→ Reset the “HDMI RESOLUTION” setting. Press I/⏻ to turn off the player, and enter “369” using the number buttons on the remote, then press I/⏻ to turn on the player again.

### There is no sound.

→ Re-connect the connecting cord securely.
→ The connecting cord is damaged.
→ The player is in pause mode or in Slow-motion Play mode.
→ The player is in fast forward or fast reverse mode.

### The remote does not function.

→ The batteries in the remote are weak.
→ The remote is not pointed at the remote sensor 📺 on the player.
→ When you operate the player by pressing buttons on the remote in sequence, press the buttons within 5 seconds of each other.

### The disc does not play.

→ The disc is turned over. Insert the disc with the playback side facing down.
→ The disc is skewed.
→ The disc is dirty or flawed.
→ The player cannot play certain discs.
→ The region code on the DVD does not match the player.
→ Moisture has condensed inside the player.
→ The player cannot play a recorded disc that is not correctly finalized.

### The player does not operate properly.

→ When static electricity, etc., causes the player to operate abnormally, unplug the player.

### “C:13:” appears on the screen.

→ Clean the disc with a cleaning cloth or check its format.

### There is no picture/sound when connected to the HDMI OUT jack.

→ Change the “HDMI RESOLUTION” setting in “HDMI SETUP.” The problem may be solved.
→ The equipment connected to the HDMI OUT jack does not conform to the audio signal format, in this case set “AUDIO (HDMI)” in “HDMI SETUP” to “PCM.”
→ Try the following:
①Turn the player off and on again.
②Turn the connected equipment off and on again.
③Disconnect and then connect the HDMI cord again.

# LANGUAGE CODE LIST

1027	Afar	1345	Malagasy
1028	Abkhazian	1347	Maori
1032	Afrikaans	1349	Macedonian
1039	Amharic	1350	Malayalam
1044	Arabic	1352	Mongolian
1045	Assamese	1353	Moldavian
1051	Aymara	1356	Marathi
1052	Azerbaijani	1357	Malay
1053	Bashkir	1358	Maltese
1057	Byelorussian	1363	Burmese
1059	Bulgarian	1365	Nauru
1060	Bihari	1369	Nepali
1061	Bislama	1376	Dutch
1066	Bengali; Bangla	1379	Norwegian
1067	Tibetan	1393	Occitan
1070	Breton	1403	(Afan)Oromo
1079	Catalan	1408	Oriya
1093	Corsican	1417	Punjabi
1097	Czech	1428	Polish
1103	Welsh	1435	Pashto; Pushto
1105	Danish	1436	Portuguese
1109	German	1463	Quechua
1130	Bhutani	1481	Rhaeto-Romance
1142	Greek		
1144	English	1482	Kirundi
1145	Esperanto	1483	Romanian
1149	Spanish	1489	Russian
1150	Estonian	1491	Kinyarwanda
1151	Basque	1495	Sanskrit
1157	Persian	1498	Sindhi
1165	Finnish	1501	Sangho
1166	Fiji	1502	Serbo-Croatian
1171	Faroese	1503	Singhalese
1174	French	1505	Slovak
1181	Frisian	1506	Slovenian
1183	Irish	1507	Samoan
1186	Scots Gaelic	1508	Shona
1194	Galician	1509	Somali
1196	Guarani	1511	Albanian
1203	Gujarati	1512	Serbian
1209	Hausa	1513	Siswati
1217	Hindi	1514	Sesotho
1226	Croatian	1515	Sundanese
1229	Hungarian	1516	Swedish
1233	Armenian	1517	Swahili
1235	Interlingua	1521	Tamil
1239	Interlingue	1525	Telugu
1245	Inupiak	1527	Tajik
1248	Indonesian	1528	Thai
1253	Icelandic	1529	Tigrinya
1254	Italian	1531	Turkmen
1257	Hebrew	1532	Tagalog
1261	Japanese	1534	Setswana
1269	Yiddish	1535	Tonga
1283	Javanese	1538	Turkish
1287	Georgian	1539	Tsonga
1297	Kazakh	1540	Tatar
1298	Greenlandic	1543	Twi
1299	Cambodian	1557	Ukrainian
1300	Kannada	1564	Urdu
1301	Korean	1572	Uzbek
1305	Kashmiri	1581	Vietnamese
1307	Kurdish	1587	Volapük
1311	Kirghiz	1613	Wolof
1313	Latin	1632	Xhosa
1326	Lingala	1665	Yoruba
1327	Laothian	1684	Chinese
1332	Lithuanian	1697	Zulu
1334	Latvian; Lettish	1703	Not specified

ISO 639: 1988 (E/F) standard

# PARENTAL CONTROL AREA CODE LIST

2044	Argentina	2304	Korea
2047	Australia	2363	Malaysia
2046	Austria	2362	Mexico
2057	Belgium	2376	Netherlands
2070	Brazil	2390	New Zealand
2079	Canada	2379	Norway
2090	Chile	2427	Pakistan
2092	China	2424	Philippines
2115	Denmark	2436	Portugal
2165	Finland	2489	Russia
2174	France	2501	Singapore
2109	Germany	2149	Spain
2248	India	2499	Sweden
2238	Indonesia	2086	Switzerland
2254	Italy	2528	Thailand
2276	Japan	2184	United Kingdom