1. INTRODUCTION

1.1. Safety instructions

See “Quick Start Guide” for more details of Safety Instructions.

To avoid the hazards of electrical shock and fire

• Do not handle the AC power cord with wet hands.
• Do not pull on the AC power cord when disconnecting it from an AC outlet. Grasp it by the plug.
• Do not put your fingers or objects into the unit.

Location and handling

• Do not install the unit in direct sunlight, near strong magnetic fields, or in a place subject to dust or strong vibration.
• Avoid a place with drastic temperature changes.
• Install the unit in a horizontal and stable position. Do not place anything directly on top or bottom of the unit.
  Depending on your external devices, noise or disturbance of picture and/or sound may be generated if the unit is placed too close to them. In this case, please ensure enough space between external devices and the unit.
• Depending on the environment, the temperature of this unit may increase slightly. This is not a malfunction.
• Be sure to remove the disc and unplug the AC power cord from the outlet before moving the unit.
• In order to avoid interruption of ventilation, this unit should not be placed in built-in equipment such as a book cabinet, rack, etc., and the vents of this unit should not be covered with anything such as a tablecloth, curtain, newspaper, etc. Make sure to leave a space of 5.9 inches (15 cm) or more around this apparatus.
• This unit should not be used in a tropical environment as it has not been evaluated under such conditions.
• No objects should be placed directly on or under this unit, especially lighted candles or other flaming objects.

Dew condensation warning

• Dew condensation may form inside the unit in the following conditions. If so, do not use this unit at least for a few hours until its inside gets dry.
  – The unit is moved from a cold place to a warm place.
  – Under conditions of high humidity.
  – After heating a cold room.

Note about recycling

• This unit’s packaging materials are recyclable and can be reused. Please dispose of any materials in accordance with your local recycling regulations.
• Batteries should never be thrown away or incinerated but disposed of in accordance with your local regulations concerning chemical wastes.
• Please visit http://www.magnavox.com and click Recycling under Information (or type https://www.magnavox.com/en/content/9-recycling).

Disposal of used batteries

• In certain localities, disposing batteries with household waste is not permitted. Please ensure you dispose of batteries according to local regulations.

Register Online at www.magnavox.com/support/ today to get the most benefits from your purchase.
**Country code statement**

- For product available in the USA market, only channel 1~11 can be operated. Selection of other channels is not possible.
  
  To maintain compliance with FCC RF exposure requirements, use only belt-clips, holsters or similar accessories that do not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements and should be avoided.

This device complies with Industry Canada license-exempt RSS standard(s).

- Operation is subject to the following two conditions:
  1. this device may not cause interference and
  2. this device must accept any interference, including interference that may cause undesired operation of the device.

### 1.2. Included accessories

- Remote control (NC093UL)
- Quick Start Guide
2. FEATURES

2.1. Features

Blu-ray Disc™
You can enjoy Blu-ray Disc™ which is capable of storing five times more data than a conventional DVD.

BD-Java
With some Blu-ray™ discs which contain Java applications, you can enjoy interactive functions such as games or interactive menus.

DVD upscaling for enhanced picture quality
Your current DVD will look even better than before thanks to video upscaling. Upscaling will increase the resolution of standard definition DVD to high definition up to 1080p over an HDMI connection. The picture will be less jagged and more realistic for a near high definition experience.

Enjoy your content on different kinds of media
Full backwards compatibility with DVD, CD and USB memory stick ensures that you can continue to enjoy your current audio-video collection. Additionally, you can enjoy AVCHD (for DVD-RW/-R only) / photo files / music files.

Listen to rich multi-channel surround sound
Multi-channel surround sound, which realizes real-to-life sound and makes you feel that you are really there.

Easy and simple connection to your HDTV via HDMI
Connect this unit to your HDTV with one single HDMI (High-Definition Multimedia Interface) cable. It is recommended to use a High Speed HDMI cable for better compatibility. The high definition video output signal will be transferred to your HDTV without conversion to analog signals, so you will get excellent picture and sound quality, completely free from noise.

fun-Link (HDMI CEC)
This unit supports HDMI CEC, which allows integrated system control over an HDMI cable and is part of the HDMI standard. This function may not work properly on some devices.

PiP (BONUSVIEW™)
Some BD-Videos have the PiP function which enables you to display the secondary video in the primary video. You can call up the secondary video by pressing [MODE] whenever the scene contains a secondary video.

Pop menu
Some BD-Videos have a pop menu which is a navigation menu that can be called up and be operated on the TV screen without interrupting playback. You can call up the pop menu by pressing [DISC MENU]. Contents in the pop menu vary depending on the disc.

HDMI 1080p/24 output (Blu-ray Disc™ only)
This unit is equipped with the feature which can provide smooth movement during playback of film originated material with a frame rate of 24 frames per second with progressive. (Available only when the display device is connected with an HDMI cable.) Refer to "HDMI video resolution" on page 38.

Playing back contents from a USB memory stick
You can play back photo files / music files stored on a USB memory stick. BD-ROM discs sometimes store picture-in-picture commentary, subtitles or other extras on a USB memory stick for use during playback with the BD-Video.

Playing back AVCHD files
This unit supports playback of AVCHD format files (new format for high definition video camcorders) recorded on a disc / SD memory card using USB card reader. Your high definition personal archive is playable in HD quality.

x.v.Color
This unit supports playback of video contents on discs recorded with “x.v.Color” technology. To watch this video content with the “x.v.Color” space, a TV or other display device supporting both video image reproduction using “x.v.Color” standard and capability of manual switching of its color space setting is required. Please refer to the User Manual of your display device for further information.
2.2. System information

“System Information” screen provides information about this unit’s software version.
You can also download the latest software from the Magnavox website and update it yourself if it is newer than the
version currently on your unit. The current version of software on your unit can be seen on the “System Information”
screen.
To access “System Information”, follow the procedure below.

1. Press [HOME].
2. Use [▲ / ▼ / ◀ / ▶] to select “Setup”, then press [OK].
3. Use [◄ / ►] to select “Ω”.

2.3. Symbols used in this owner's manual

To specify which media type each function is applicable to, a combination of the symbols shown below will be
depicted next to that function's explanation.

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="bd.png" alt="BD Video" /></td>
<td>Description refers to BD-Video</td>
</tr>
<tr>
<td><img src="dvd.png" alt="DVD Video" /></td>
<td>Description refers to DVD-Video</td>
</tr>
<tr>
<td><img src="cd.png" alt="CD" /></td>
<td>Description refers to Audio CD / DTS-CD</td>
</tr>
<tr>
<td><img src="avchd.png" alt="AVCHD" /></td>
<td>Description refers to DVD-RW/-R with AVCHD files</td>
</tr>
<tr>
<td><img src="photo.png" alt="PHOTO" /></td>
<td>Description refers to BD-RE/-R, DVD-RW/-R, CD-RW/-R and USB memory stick with photo files.</td>
</tr>
<tr>
<td><img src="music.png" alt="MUSIC" /></td>
<td>Description refers to BD-RE/-R, DVD-RW/-R, CD-RW/-R and USB memory stick with music files.</td>
</tr>
</tbody>
</table>

If you do not find any of the symbols listed above under the function heading, the operation is applicable to all media
types.
3. FUNCTIONAL OVERVIEW

3.1. Front panel

* The unit can also be turned on by pressing this button.

1. Disc tray
2. Infrared sensor window
3. (OPEN/CLOSE) button*
4. (PLAY/PAUSE) button*
   • Press to start playback.
   • During playback, press to pause playback.
5. (POWER) button*
6. Power-on indicator
7. USB input

Caution

• Do not connect any device other than USB memory stick or USB card reader into the USB input. (e.g. PC, external HDD, digital camera, keyboard, mouse, USB-hub, etc.)
• When connecting a USB memory stick, connect it directly to the USB Input. Do not use a USB extension cable.

Note

• Due to new ENERGY STAR® requirements, this unit will automatically turn on the screen saver after 5 minutes of inactivity and enter standby mode after 25 minutes of inactivity.

3.2. Rear panel

1. AC power cord
2. HDMI OUT jack

Caution

• Do not touch the inner pins of the jacks on the rear panel. Electrostatic discharge may cause permanent damage to the unit.
• This unit does not have a TV RF modulator.
3.3. Remote control

1. (POWER) button
   • Press to turn on the unit, or to switch the unit into standby mode. (To completely turn off the unit, you must unplug the AC power cord.)

2. DISC MENU button
   • During playback (Blu-ray Disc™ or DVD), press to select the menu (top menu or pop menu/menu).

3. ▲ / ▼ / ◀ / ► buttons
   • Press to select items or settings.

4. SEARCH button
   • Press to display the number select menu or the search menu.

5. ◀▶ (REVERSE) button
   • During playback, press to fast reverse the playback.

6. ▶ (PLAY) button*
   • Press to start playback or resume playback.

7. ◀▶ (SKIP) button
   • During playback, press once to return to the beginning of the current title, chapter, track or file.
   • During playback, press twice to return to the previous title, chapter, track or file.
   • During the JPEG playback, press to return to the previous file.

8. ■ (STOP) button
   • Press to stop playback.

9. DISPLAY button
   • Press to display the on-screen display menu.

10. REPEAT button
    • Press to select repeat mode.

11. RED / GREEN / BLUE / YELLOW buttons
    • Press to activate shortcut keys on some BD-video functions. When a file list is shown, press to switch between pages.

12. ▲ (OPEN/CLOSE) button*
    • Press to open or close the disc tray.

13. HOME button
    • Press to display the home menu.

14. MODE button
    • During playback, press to display the play menu.

15. OK button
    • Press to confirm or select menu items.

16. RETURN button
    • Press to return to the previously displayed menu or screen function.

17. ►► (FORWARD) button
    • During playback, press to fast forward the playback.
    • When playback is in pause, press to slow forward the playback.

18. ◀▶ (SKIP) button
    • During playback, press to skip to the next chapter, track or file.
    • When playback is in pause mode, press to forward the playback picture by picture.

19. ∆∆ (PAUSE) button
    • Press to pause playback.

20. AUDIO button
    • Press to select the audio channel (such as audio languages) on a disc.

21. SUBTITLE button
    • Press to select subtitles on a disc.

* The unit can also be turned on by pressing these buttons.

continued on next page
Note
• Use the included remote control. Remote-control operation on any other remote control, such as a universal remote control, is not guaranteed.

Installing the batteries in the remote control
Install 2 AAA (1.5V) batteries matching the polarity indicated inside battery compartment of the remote control. (not included)

Caution
Incorrect use of batteries can result in hazards such as leakage and bursting. Please follow the guidelines below:
• Lithium or ni-cad and ni-mh rechargeable batteries are not recommended to use for remote control.
• Do not mix different types of batteries such as alkaline and standard (carbon-zinc).
• Do not mix new and old batteries together.
• Do not use different kinds of batteries together. Although they may look similar, different batteries may have different voltages.
• Make sure that the + and - ends of each battery match the indications in the battery compartment.
• Remove batteries from battery compartment, when the remote is not going to be used for a month or more.
• When disposing of used batteries, please comply with governmental regulations or environmental public rules that apply in your country or area.
• Do not recharge, short-circuit, heat, burn or disassemble batteries.

Using the remote control
Remote control usage guidelines:
• Make sure that there are no obstacles between the remote control and the infrared sensor window on the unit.
• Remote operation may become unreliable if strong sunlight or fluorescent light is shining on the infrared sensor window of the unit.
• Remote controls of different devices can interfere with each other. Avoid using a remote control from another device which is located close to the unit.
• Replace the batteries when you notice a fall-off in the operating range of the remote control.
• The maximum operable ranges from the unit are as follows.
  – Line of sight:
    approx. 23 feet (7 m)
  – Either side of the center:
    approx. 16 feet (5 m) within 30°
  – Above:
    approx. 16 feet (5 m) within 15°
  – Below:
    approx. 10 feet (3 m) within 30°
3.4.  Guide to on-screen display

■ Home menu

When you turn on the unit, home menu will appear automatically. Otherwise, press [HOME].

1. “Disc”: Initiates playback of inserted disc, displays a list of tracks / files.
2. “USB”: Displays a list of tracks / files on the connected USB memory stick.
3. “Setup”: To access the setup menu.

■ Setup menu

1. Category
2. Menus / Options: Displays options for the highlighted item on the left whenever available

■ Play menu

During playback, press [MODE] to display the play menu.

e.g.) Blu-ray Disc™
4. CONNECTIONS

4.1. Connection to a TV

- HDMI connection (supports up to 1080i(*1), 1080p(*2), 1080p/24(*3) resolution.)

![HDMI connection diagram]

(*1) 1080i: Outputs video data with a frame rate of 30 frames per second.
(*2) 1080p: Outputs video data with a frame rate of 60 frames per second.
(*3) 1080p/24: Outputs video data with a frame rate of 24 frames per second. To enable 1080p/24 output, set “Resolution” to “Auto” or “1080p”, and set “HDMI1080p 24Hz” to “On”.

- Do not tilt the connector when inserting it into the HDMI jack, and make sure the shapes of the jack and the connector are matched.
- When connected to an HDCP incompatible display device, the picture will not be displayed properly.
- Use an HDMI cable with the HDMI logo (a certified HDMI cable) for this connection. High Speed HDMI cable (also known as HDMI category 2 cable) is recommended for better compatibility.

Note
- If the TV receives no audio / video signal after properly connecting the unit and the TV with an HDMI cable, it may be the TV. Please refer to the TV’s user’s manual.
- If the TV receives no audio signal after properly connecting the unit and the TV with an HDMI cable, make sure the TV input is not an HDMI-DVI Input terminal.
4.2. Connection to an audio system

- When you change the connections, all devices should be turned off.
- When connecting the unit to an external audio system, refer to the user manual for setup / configuration help.

HDMI audio connection
## 4.3. HDMI audio output

<table>
<thead>
<tr>
<th>Media</th>
<th>Source</th>
<th>“HDMI” &gt; “HDMI” setting</th>
<th>Bitstream</th>
<th>PCM</th>
<th>Re-encode</th>
</tr>
</thead>
<tbody>
<tr>
<td>BD</td>
<td>Dolby Digital</td>
<td>Dolby Digital</td>
<td>2ch PCM</td>
<td>Dolby Digital</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Dolby Digital Plus</td>
<td>Dolby Digital Plus</td>
<td>2ch PCM</td>
<td>Dolby Digital Plus(*)1</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Dolby TrueHD</td>
<td>Dolby TrueHD</td>
<td>2ch PCM</td>
<td>Dolby TrueHD(*)2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>DTS</td>
<td>DTS</td>
<td>2ch PCM</td>
<td>DTS</td>
<td></td>
</tr>
<tr>
<td></td>
<td>DTS-HD High Resolution</td>
<td>DTS-HD High Resolution</td>
<td>2ch PCM</td>
<td>DTS-HD High Resolution(*)3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>DTS-HD Master Audio</td>
<td>DTS-HD Master Audio</td>
<td>2ch PCM</td>
<td>DTS-HD Master Audio(*)3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>LPCM</td>
<td>Multi LPCM</td>
<td>Multi LPCM</td>
<td>Multi LPCM(*)1</td>
<td></td>
</tr>
<tr>
<td>DVD</td>
<td>Dolby Digital</td>
<td>Dolby Digital</td>
<td>2ch PCM</td>
<td>Dolby Digital</td>
<td></td>
</tr>
<tr>
<td></td>
<td>DTS</td>
<td>DTS</td>
<td>2ch PCM</td>
<td>DTS</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MPEG</td>
<td>Multi LPCM</td>
<td>Multi LPCM</td>
<td>Multi LPCM</td>
<td></td>
</tr>
<tr>
<td></td>
<td>PCM</td>
<td>Multi LPCM</td>
<td>Multi LPCM</td>
<td>Multi LPCM</td>
<td></td>
</tr>
<tr>
<td>Audio CD</td>
<td>LPCM</td>
<td>2ch PCM</td>
<td>2ch PCM</td>
<td>2ch PCM</td>
<td></td>
</tr>
<tr>
<td>DTS-CD</td>
<td>DTS</td>
<td>DTS</td>
<td>2ch PCM</td>
<td>DTS</td>
<td></td>
</tr>
<tr>
<td>AVCHD</td>
<td>Dolby Digital</td>
<td>Dolby Digital</td>
<td>2ch PCM</td>
<td>Dolby Digital</td>
<td></td>
</tr>
<tr>
<td></td>
<td>LPCM</td>
<td>Multi LPCM</td>
<td>Multi LPCM</td>
<td>Multi LPCM</td>
<td></td>
</tr>
<tr>
<td>Audio file</td>
<td>FLAC/WAV</td>
<td>2ch PCM</td>
<td>2ch PCM</td>
<td>2ch PCM</td>
<td></td>
</tr>
</tbody>
</table>

*1) If there is secondary audio or interactive audio, it will be output in Dolby Digital.
*2) Only the core substream is decoded.
*3) If there is secondary audio or interactive audio, it will be output in DTS.

**Note**
- If the connected device is not compatible with HDMI BITSTREAM, audio will be output as multi LPCM or 2-channel down-mixed LPCM depending on the capability of the connected device even if you select “Bitstream” in “HDMI” setting.
- If “HDMI” is set to “Bitstream” and this unit is connected to a bitstream compatible device, only primary audio of the BD-Video will be output. (Secondary audio and button sounds will not be output.)
- In order to configure “HDMI” settings, the following conditions must be met:
  - “Voice Guide” is set to “Off”.
  - This unit is not in resume-on-stop mode. If this unit is in resume-on-stop mode, remove the disc to enable configuration.
5. BEFORE YOU START

5.1. Finding a viewing HDMI input on your TV

After you have completed all of the connections to your TV, review the steps below.

1. Press [POWER] to turn on the unit.
2. Turn on your TV.
3. Switch your TV’s input to the HDMI port which your unit is connected to.

![MAGNAVOX](image)

This is the correct HDMI Input view.
- It may take a few moments for the menu screen to appear.
- When this unit is turned on for the first time, the “Initial Setup” screen will appear.

5.2. Initial setup

Please follow the instructions below to complete the initial Setup.

1. While Welcome screen is displayed, press [OK].
2. Language Setup screen will appear. Use [▲ / ▼] to select your Language, then press [OK].

![Language Setting](image)

4. The fun-Link (HDMI CEC) setup screen will appear. Use [▲ / ▼] to select “On” or “Off”, then press [OK].
5. Software update setup (automatically checks for the latest software) screen will appear. Use [▲ / ▼] to select “On” or “Off”, then press [OK].

continued on next page
How to reset the OSD language
You can reset the OSD language if you selected the wrong Language.

1. Press [HOME] to display the home menu.
2. Use [▲ / ▼ / 〈 / 〉] to select "Setup", then press [OK].
   • This item is “Setup” (English) / “Instalación” (Spanish) / “Installation” (French).
   • From here on, please select one of the following items you can find on screen:
3. Use [◄ / ►] to select "Setup", then press [OK].
4. Use [▲ / ▼] to select “Language” (English) / “Idioma” (Spanish) / “Langue” (French), then press [OK].
5. Use [▲ / ▼] to select “OSD” (English) / “OSD” (Spanish) / “Affichage sur l’écran” (French), then press [OK].
6. Use [▲ / ▼] to select your desired language, then press [OK].
7. If the items that were set are displayed in your desired language, then press [HOME] to exit.
6. INFORMATION ON PLAYBACK

6.1. Information on playback

■ Playable discs and files

<table>
<thead>
<tr>
<th>Playable discs</th>
<th>Logos</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blu-ray Disc™</td>
<td><img src="image" alt="Blu-ray Disc™" /></td>
</tr>
<tr>
<td>- BD-Video</td>
<td></td>
</tr>
<tr>
<td>- BD-RE* (ver. 2.1)</td>
<td></td>
</tr>
<tr>
<td>(Recorded in BDMV format)</td>
<td></td>
</tr>
<tr>
<td>- BD-R* (ver. 1.1 / 1.2 / 1.3)</td>
<td></td>
</tr>
<tr>
<td>(Recorded in BDMV format)</td>
<td></td>
</tr>
<tr>
<td>(Unfinalized disc may not be played back.)</td>
<td></td>
</tr>
<tr>
<td>DVD-Video</td>
<td><img src="image" alt="DVD Video" /></td>
</tr>
<tr>
<td>DVD-RW</td>
<td><img src="image" alt="DVD RW" /></td>
</tr>
<tr>
<td>(finalized video mode discs only)</td>
<td></td>
</tr>
<tr>
<td>DVD-R</td>
<td><img src="image" alt="DVD" /></td>
</tr>
<tr>
<td>(finalized video mode discs only)</td>
<td></td>
</tr>
<tr>
<td>CD-DA (Audio CD)</td>
<td><img src="image" alt="CD DA" /></td>
</tr>
<tr>
<td>CD-RW</td>
<td><img src="image" alt="CD RW" /></td>
</tr>
<tr>
<td>CD-R</td>
<td><img src="image" alt="CD" /></td>
</tr>
<tr>
<td>DTS-CD</td>
<td></td>
</tr>
</tbody>
</table>

(*) Due to the intentional progression of the Blu-ray Disc™ format by its standard setting authority, the company cannot guarantee or warrant the playability of future extensions of the Blu-ray Disc™ format with this product.

<table>
<thead>
<tr>
<th>Playable files</th>
<th>Media</th>
</tr>
</thead>
<tbody>
<tr>
<td>AVCHD</td>
<td>DVD-RW/-R</td>
</tr>
<tr>
<td></td>
<td>SD memory card using USB card reader</td>
</tr>
<tr>
<td>JPEG / PNG /</td>
<td>BD-RE/-R</td>
</tr>
<tr>
<td>FLAC / WAV</td>
<td>DVD-RW/-R</td>
</tr>
<tr>
<td></td>
<td>CD-RW/-R</td>
</tr>
<tr>
<td></td>
<td>USB memory stick</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Readable device</th>
<th>Playable</th>
</tr>
</thead>
<tbody>
<tr>
<td>USB memory stick</td>
<td>Photo files, music files, Picture-in-Picture commentary, subtitles or other extras for some BD-ROM.</td>
</tr>
</tbody>
</table>

Note

• This unit may not be able to play back discs recorded on PC's or other recorders.
Recommended specifications

AVCHD
This unit cannot play back stand-alone AVCHD files (*.m2ts, *.mts or *.m2t) written to a DVD or copied to an SD memory card. The DVD or SD memory card containing AVCHD files must have a proper file and folder structure meeting AVCHD format specifications. Please use AVCHD compliant device / software to burn or copy AVCHD files to DVD or SD memory card. (Please refer to user manuals of your device / software for more information.)

Music file

<table>
<thead>
<tr>
<th>Format</th>
<th>Sampling frequency</th>
<th>Number of bits</th>
</tr>
</thead>
<tbody>
<tr>
<td>FLAC (.flac)</td>
<td>up to 192kHz</td>
<td>8/12/16/20/24bit</td>
</tr>
<tr>
<td>WAV (.wav)</td>
<td>up to 192kHz</td>
<td>8/16/20/24bit</td>
</tr>
</tbody>
</table>

Photo file

<table>
<thead>
<tr>
<th>Format</th>
</tr>
</thead>
<tbody>
<tr>
<td>JPEG(.jpg/jpeg)</td>
</tr>
<tr>
<td>PNG(.png)</td>
</tr>
</tbody>
</table>

Note
• Regardless of the file type, some files may be unplayable due to their incompatible file structure.

Caution / Note for USB memory stick

Caution
• Do not try to open or modify the USB memory stick.
• Do not touch the terminal surface with your fingers or any metals.

Note
• This unit supports USB memory stick with FAT16 / FAT32 file system.
• This unit does not support NTFS file system.
• Please keep the USB memory sticks in their cases when you are not using them.
• Some USB memory sticks may not work with this unit.
• This unit can read SD memory cards using a USB card reader.
  – Readable cards: SD memory card (8 MB - 2 GB) SDHC memory card (4 GB - 32 GB)
  miniSD memory card (16 MB - 2 GB) miniSDHC memory card (4 GB - 8 GB)
  microSD memory card (256 MB - 2 GB) microSDHC memory card (4 GB - 16 GB)
  – Readable files: AVCHD / JPEG / PNG / FLAC / WAV
• Depending on a USB card reader, connected card or device may not be recognized.
Unplayable media and files

The following discs will not be played back on this unit.

- CD-ROM
- DVD-RAM
- DVD-audio
- HD DVD
- SDXC memory card
- unfinalized disc
- BD-RE (ver. 2.1) (recorded in BDAV format)
- BD-ROM
- CD-I (compact disc-interactive)
- VSD (video single disc)
- video CD
- SVCD
- microSDXC memory card
- BD-RE (ver. 1.0)
- BD-R (ver. 1.1 / 1.2 / 1.3) (recorded in BDAV format)
- Blu-ray Disc™ / DVD / CD / USB memory stick / SD memory card containing DivX® files
- Blu-ray Disc™ / USB memory stick that contains AVCHD files
- Blu-ray Disc™ / DVD hybrid disc (played back as a BD-Video only)
- DVD-RW/-R recorded in non compatible recording format
- Super Audio CD - Only the sound on the CD layer can be heard. The sound on the high-density Super Audio CD layer cannot be heard.
- Playability of dual discs is not guaranteed.
- This unit cannot play back the disc contents protected by Windows Media™ Digital Rights Management (DRM).

Region codes

This unit has been designed to play back BD-Video with Region “A” and DVD-Video with Region “1” or “ALL”. You cannot play back BD-Video or DVD-Video that is labeled for other Regions. Look for the symbols on your BD-Video or DVD-Video. If these Region symbols do not appear on your BD-Video or DVD-Video, you cannot play back the disc on this unit. The letter or number inside the globe refers to Region of the world. BD-Video or DVD-Video discs labeled for a specific Region can only be played back on players with the same Region Code.

Hint for disc playback

The contents of a disc are generally divided into sections or folders (group of titles / files) as shown below.
**Description for icons**

- [ ] : Folder icon
- [ ] : Music file icon
- [ ] : Photo file icon

- “Folders” refers to the group of files.
- “Track” refers to the contents recorded on the Audio CD.
- “Files” refers to the contents on a disc which are recorded in AVCHD or JPEG / PNG / FLAC / WAV file format.

**Note**

- Unrecognizable characters will not be displayed.

---

### 6.2. Guide to file list

**Photo file List**

![Photo file List]

1. Number of Folders or files in this directory / Total number of Folders or files in this directory
2. Folder
3. File list

**Music file list**

![Music file list]

1. Number of Folders or files in this Directory / Total number of Folders or files in this Directory
2. Folder
3. File list

---

**How to navigate through the file list**

- Use [▲ / ▼] to move the Highlighted text up and down. Press [▲] to go back to the previous hierarchy.
- If the list has multiple pages, you can switch pages using [◀ (SKIP BACK/DOWN) / ▶ (SKIP FORWARD/UP)].
- To access files in a folder, select the desired folder, then press [OK].
- Press [HOME] to exit.

**Note**

- When selecting a photo/music folder, all folders in the disc/USB memory stick will be displayed. If the stored files are not compatible with this unit, these incompatible files will not be displayed, although the folders will still be displayed.
6.3. How to insert a disc

1. Press [ ▲ (OPEN/CLOSE)] to open the disc tray.

2. Place the disc on the disc tray with its label side facing up.

3. Press [ ▲ (OPEN/CLOSE)] to close the disc tray.
   - It may take a while to load the disc.

Align the disc to the disc tray guide.
7. BASIC PLAYBACK

7.1. Playing back a disc

1. Insert a disc (refer to "How to insert a disc" on page 20).
   • When the disc is BD / DVD / AVCHD / Audio CD, playback starts automatically.
     If not, press [►(PLAY)] (or [►II(PLAY/PAUSE)] on the unit).
   • When photo and/or music files are contained on the disc, the file List will be displayed (see step 2). Even if the
     content type is of one type only, the file list screen will still be displayed.
   • Some discs may show a Title or a disc menu. In this case, refer to "Using the title / disc / pop menu" on page
     23.

2. Select the type of the file you want to play back, then press [OK].

   • Select the folder/file to play, and press [►(PLAY)] (or [►II(PLAY/PAUSE)] on the unit) or [OK].
     Refer to "How to navigate through the file list" on page 19.

   To skip to the next title / chapter / track / file: Press [►►(SKIP FORWARD/UP)].
   To skip to the previous title / chapter / track / file: Press [◄◄(SKIP BACK/DOWN)].
   To Pause playback: Press [►II(PAUSE)] (or [►II(PLAY/PAUSE)] on the unit).
   To return to normal playback: Press [►(PLAY)] (or [►II(PLAY/PAUSE)] on the unit).
   To stop playback: Press [■(STOP)].

     Playback will be in resume-on-stop mode. To clear the resume information, press [■(STOP)] again.

Note

• Discs containing AVCHD and photo/music files will be played back as AVCHD.
• CDs/DVDs containing FLAC (.flac) files with high frequency and large quantization bit rates may not play properly.
• With regard to the multi-border BD-RE/-R, additionally recorded sections cannot be recognized.
• With regard to the multi-border DVD-RW/-R, additionally recorded sections may not be recognized.

Note for photo file playback

• Every press of [◄ / ►] will turn the image by 90 degrees when an image is displayed.
• Some unplayable folders or files may be listed due to the recording status.
• High-resolution photo files take longer to be displayed.
• Progressive photo files (Photo files saved in Progressive format) cannot be played back on this unit.

Caution

• The screen saver and auto power off do not function while displaying the disc menu or title menu. For that reason,
  leaving the unit on such screens may cause screen burn-in. To avoid this, turn off the unit, or press [HOME] to exit
  the disc/title menu screen after finishing disc playback.

continued on next page
Resume-on-stop mode

Blu-ray Disc™ / DVD / AVCHD
When you press [OK] next time, playback will start from the point where it had been stopped. If you press [RETURN] instead of [OK], playback will start from the beginning.

Audio CD
Playback will start from the point where it was stopped next time you press [OK]. If you press [RETURN] instead of [OK], playback will start from the the beginning of the 1st track of the Audio CD instead of resuming from the stop point.

Music file
When you press [▶(PLAY)] (or [▶II(PLAY/PAUSE)] on the unit) or [OK] next time, the playback will start from the point where it has been stopped.

Note
- If [HOME] is pressed during playback, the playback will stop and the resume point will be cleared.
- For BD-Java application, the resume-on-stop may not be available.
- For BD / DVD / AVCHD / Audio CD, except for photo files/music files, resume-on-stop mode remains in effect even after power is turned off. It will be cancelled once the disc is ejected.

7.2. Playing back contents from a USB memory stick

You can play back JPEG / PNG / FLAC / WAV files stored on a USB memory stick. With the USB memory stick, you can also enjoy the following functions.
- Special additional contents for BD-ROM.
  (For more information about the special additional contents, refer to the instruction book that came with the disc.)

1. Connect a USB memory stick.
2. Press [HOME].
3. Use [▲ / ▼ / ◀ / ▶] to select “USB”, then press [OK].
4. Select the file type you want to play back, then press [OK].

Caution
- Do Not disconnect the USB memory stick or switch the unit to standby mode while contents on the USB memory stick are being accessed. It may result in malfunction or loss of the stick’s data.
- Occasionally, SD memory cards / Micro SD memory cards will not be recognized when using certain adapters. In such cases, try a different USB adapter.

Note
- The resume information will be cleared when;
  - [■ (STOP)] or [HOME] is pressed while in resume-on-stop mode.
  - the USB memory stick is disconnected.
  - the unit is switched to standby mode.
- If a Folder/file name contains an unrecognizable character, the folder/file name will not be displayed.
- This unit can read JPEG / PNG / FLAC / WAV files and AVCHD on an SD memory card by using USB card reader.
7.3. Using the title / disc / pop menu

Some BD-Videos, DVD-Videos or AVCHD files may contain a title menu which describes the contents of the disc, or a disc menu which guides you through the available functions on the disc.

- With such discs, a title menu or a disc menu may appear automatically when you insert the disc. Otherwise, press [DISC MENU] to call up the menu select menu. Use [▲ / ▼] to select “Top menu” or “Pop menu/Menu”, then press [OK]. Refer to the disc’s manual on how to navigate through the menu.

  e.g.) Blu-ray Disc™

  ![Pop Menu](image)
  ![Top Menu](image)

**Note**

- Menus vary among discs. Refer to the information accompanying the disc for details.
- [DISC MENU] may not work with some discs.
8. SPECIAL PLAYBACK

8.1. Fast forward / fast reverse

[BD Video] BD VIDEO
[CD] CD
[AVCHD] AVCHD
[MUSIC] MUSIC FILE

1. During playback, press [►►(FORWARD)] repeatedly for fast forward.
   During playback, press [◄◄(REVERSE)] repeatedly for fast reverse.

2. Press [►(PLAY)] (or [►II(PLAY/PAUSE)]) on the unit) to return to normal playback.

Note
• For Blu-ray Disc™, DVD, AVCHD, Audio CD, and music files, speed changes at 5 different levels.
• For Audio CD and music files, fast forward / fast reverse search between different tracks/files are not available.

8.2. Slow forward playback

[BD Video] BD VIDEO
[CD] CD
[AVCHD] AVCHD

1. During playback, press [►(PLAY)] (or [►II(PLAY/PAUSE)]) on the unit). Then press [►►(FORWARD)].
   Every time you press [►►(FORWARD)], the playback speed changes at 4 different levels.

2. Press [►(PLAY)] (or [►II(PLAY/PAUSE)]) on the unit) to return to normal playback.

Note
• Slow reverse is not available.

8.3. Step by step playback

[BD Video] BD VIDEO
[CD] CD
[AVCHD] AVCHD

1. In pause mode, press [►►(SKIP FORWARD/UP)] repeatedly.
   Every time you press [►►(SKIP FORWARD/UP)], playback will advance one step at a time.

2. Press [►(PLAY)] (or [►II(PLAY/PAUSE)]) on the unit) to return to normal playback.

Note
• Step by step reverse is not available.
8.4. Repeat playback

Available repeat functions vary depending on the disc.

1. During playback, press [REPEAT].

2. Use [▲ / ▼] to select the desired repeat mode.
   • You can also change the repeat mode by pressing [REPEAT] repeatedly.

<table>
<thead>
<tr>
<th>REPEAT MODE</th>
<th>AVAILABLE MEDIA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chapter repeat</td>
<td>BD, DVD, AVCHD</td>
</tr>
<tr>
<td>Title repeat</td>
<td>BD, DVD, AVCHD</td>
</tr>
<tr>
<td>Track repeat</td>
<td>CD, PHOTO, MUSIC</td>
</tr>
<tr>
<td>All repeat</td>
<td>CD, PHOTO, MUSIC</td>
</tr>
</tbody>
</table>

The current chapter will be played back repeatedly.

The current title will be played back repeatedly.

The current track/file will be played back repeatedly.

All tracks/files in the current folder will be played back repeatedly.


Note

• The Repeat setting will be cancelled when you stop playback.
• Repeat setting may be unavailable with some Blu-ray™ discs.

8.5. Shuffle / random playback

Available shuffle and random functions vary depending on the disc.

1. During playback, press [MODE] to display the play menu.

2. Use [▲ / ▼] to select “Mode”, then press [OK].

3. Use [▲ / ▼] to select the desired playback mode, then press [OK].

<table>
<thead>
<tr>
<th>SHUFFLE / RANDOM MODE</th>
<th>AVAILABLE MEDIA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shuffle playback</td>
<td>CD, PHOTO, MUSIC</td>
</tr>
<tr>
<td>Random playback</td>
<td>CD, PHOTO, MUSIC</td>
</tr>
</tbody>
</table>

Plays all songs or photo / music files in the current folder one at a time in random order.

Plays all songs or photo / music files in the current folder repeatedly in random order.

8.6. Slide show

1. Follow steps 1 and 2 in “Playing back a disc” on page 21.

2. Open the folder which contains the desired photo files.

3. Use [▲ / ▼] to select a desired file to be played back, then press [▶ (PLAY)] (or [▶II (PLAY/PAUSE)]) on the unit) or [OK].
   • An image will be played back from the selected file.

4. Press [■ (STOP)] to stop playback.

☞ Note
   • Large-size photo files take time to load before being displayed on the screen.
8.7. PiP (BONUSVIEW™) setting

Some BD-Videos have the PiP function which enables you to display the secondary video in the primary video.

1. During playback, press [MODE] to display the play menu.

2. Use [▲ / ▼] to select “PiP” then press [OK].
   • PiP information will appear.

3. Use [▲ / ▼] to select the secondary video you want to show.
   • The secondary video will be displayed with secondary audio.

   • To select the secondary audio output, refer to “Switching audio soundtrack” on page 31.

⚠️ Note
• Secondary video may not be displayed all the time, depending on the scene, it may or may not be available for display.
8.8. Title / chapter search

■ Using [◄◄(SKIP BACK/DOWN)] / [►►(SKIP FORWARD/UP)]

1. During playback, press [►►(SKIP FORWARD/UP)] to skip the current title or chapter and move to the next.
   The title or chapter will move forward one at a time.
   • If there is no chapter in a title, the current title may be skipped.
   To go back to the beginning of the current title or chapter, press [◄◄(SKIP BACK/DOWN)].
   Press [◄◄(SKIP BACK/DOWN)] repeatedly to go to the previous title or chapter. The title or chapter may move backward one at a time.

■ Using [Search]

1. During playback, press [SEARCH] to display the search menu.
2. Press [SEARCH] or use [▲ / ▼] to select “TT” or “CHP”, then press [OK].
   e.g.) Blu-ray Disc™

   ![BD Video]

3. Use [▲ / ▼ / ◄ / ►] to select the title / chapter number, then press [OK].
   Playback will start from the beginning of the title / chapter.

☞ Note
   • As for BD-Video, how it performs is strongly determined by the disc, and may not perform as described.
   • For DVD, the title Search can be performed on the home menu by pressing [SEARCH] while in the stop mode or the resume-on-stop mode.

8.9. Track / file search

■ Using [◄◄(SKIP BACK/DOWN)] / [►►(SKIP FORWARD/UP)]

1. During playback, press [►►(SKIP FORWARD/UP)] to skip the current track or file and move to the next.
   The track / file will move forward one at a time. To go back to the beginning of the current track / file, press [◄◄(SKIP BACK/DOWN)].
   Press it repeatedly to go to the previous track / file. The track / file will move backward one at a time.
   • For photo files, press [◄◄(SKIP BACK/DOWN)] once to go to the previous file.

■ Using [SEARCH]

1. During playback, press [SEARCH].
   • For JPEG files, skip to step 3.
2. Press [SEARCH] or use [▲ / ▼] to select “TR”, then press [OK].
3. Use [▲ / ▼ / ◄ / ►] to select the track number, then press [OK].
   Playback will start from the beginning of the track.

☞ Note
   • You can also perform the track / file Search from the play menu. Play menu can be called up by pressing [MODE].
8.10. Time search

1. During playback, press [SEARCH] to display the search menu.

2. Use [▲ / ▼] to select Time Search, then press [OK].
   - Blu-ray Disc™ / DVD-Video / AVCHD: “ ” or “ ”.
   - Audio CD: “ ” or “ ”.
   e.g.) Blu-ray Disc™

3. Enter the time count you want to jump to.
   - Use [▲ / ▼ / ◀ / ▶] to enter the time count, then press [OK].
   Playback will start from the desired time entered.

8.11. Number select search

Some BD-Videos and DVD-Videos or AVCHD files have button menus to jump to each button displayed scene. During playback the scenes which have the button menu, you can enter the button number by using the number select menu.

1. During playback, press [SEARCH] repeatedly to select the number select menu.
   e.g.) Blu-ray Disc™

2. Use [▲ / ▼] to enter the number you want to jump to.
   - To move to the digit you wish to change, press [◄ / ◁].

3. After all digits are entered, press [OK].
   Playback of the selected scene will start.

Note
- As for the BD-Video, how it performs is strongly determined by the disc, and may not perform as described.
8.12. Switching subtitles

Some Video materials may have subtitles in one or more languages. For commercially available discs, the supported languages can be found on the disc case. Follow the steps below to switch the subtitle language during playback.

- [BD Video]
- [DVD Video]
- [AVCHD]

**Using [SUBTITLE]**

1. During playback, press [SUBTITLE].
   - Pressing [SUBTITLE] repeatedly switches the subtitles.
   - For Blu-ray™ discs, [SUBTITLE] is only available in primary subtitle.

**Using [MODE]**

1. During playback, press [MODE] to display the play menu.
2. Use [▲ / ▼] to select “Subtitle”, then press [OK].
3. Use [▲ / ▼] to select your desired subtitle, then press [OK].

   e.g.) Blu-ray Disc™

   BDMV
   Display
   Search
   Audio
   Subtitle
   Subtitle Style
   Repeat


**Subtitle style**

For Blu-ray™ discs, the text style can be changed if subtitle style is available.

1. During playback, press [MODE] to display the play menu.
2. Use [▲ / ▼] to select “Subtitle Style”, then press [OK].
3. Use [▲ / ▼] to select your desired style, then press [OK].

**Note**

- Some discs will only allow you to change the subtitles from the disc menu or pop menu. Press [DISC MENU] to select the “Top menu” or “Pop menu” (or “Menu”).
- If the disc has no subtitle language or subtitle style, “” will appear if you press [▲ / ▼] or [SUBTITLE].
- During playback of the secondary video, the primary subtitle setting is not available except when there is no subtitle for the secondary video.
8.13. Switching audio soundtrack

When playing back video material recorded with two or more soundtracks (these are often in different audio languages or audio formats), you can switch between them during playback.

![BD Video](image1)
![DVD Video](image2)
![AVCHD](image3)

**Using [AUDI0]**

1. During playback, press [AUDI0].
   • Pressing [AUDI0] repeatedly switches the audio.
   ![1 / 5 English DolbyAudio - DolbyTrueHD 5.1](image4)
   • For Blu-ray™ discs, [AUDI0] is only available in primary audio.

**Using [MODE]**

1. During playback, press [MODE] to display the play menu.
2. Use [▲ / ▼] to select “Audio”, then press [OK].
3. Use [▲ / ▼] to select your desired audio, then press [OK].
   e.g.) Blu-ray Disc™

![BDMV](image5)

   Display
   Search
   Audio
   Subtitle
   Subtitle Style
   Repeat


**Secondary audio**

For Blu-ray™ discs, the audio in PiP can be switched. (Refer to “PiP (BONUSVIEW™) setting” on page 27.)

1. During playback, press [MODE] to display the play menu.
2. Use [▲ / ▼] to select “Secondary Audio”, then press [OK].
3. Use [▲ / ▼] to select your desired Audio, then press [OK].

**Note**

- Secondary audio will not be output when secondary video is not displayed or when the HDMI setting for audio output is set to “Bitstream”. (For some Blu-ray™ discs, secondary audio will be output even when secondary video is Off.)
- Sound mode cannot be changed during playback of discs not recorded in multiple audio mode.
- Some discs allow changing the audio language setting from disc menu. (Operation varies depending on the discs. Refer to the Manual accompanying the disc.)
- [AUDI0] may not work on some discs with multiple audio streams or Channels (e.g. DVDs that allow changing audio setting on the disc menu).
- If the disc has no audio language, “🚫” will appear if you press [▲ / ▼] or [AUDI0].
8.14. Switching camera angles

Some BD-Videos and DVD-Videos contain scenes which have been shot simultaneously from various angles. You can change the camera angle when 🎥 appears on the TV screen.

1. During playback, press [MODE] to display the play menu.
2. Use [▲ / ▼] to select “Angle”, then press [OK].
3. Use [▲ / ▼] to select your desired angle, then press [OK].

Note
• If “Angle Mark” setting is set to “Off”, 🎥 will not appear on the TV screen.

8.15. Noise reduction

Reduces the noise of the playback picture.

1. Press [HOME] to access the home menu.
2. Use [▲ / ▼ / ◀ / ▶] to select “Setup”, then press [OK].
3. Use [◄ / ►] to select “ ”, then press [OK].
4. Use [▲ / ▼] to select “Picture Control”, then press [OK].
5. Use [▲ / ▼] to select “Noise Reduction”, then press [OK].
6. Use [▲ / ▼] to select your desired setting, then press [OK].

Note
• With regard to the setting value, the larger the value is, the more notably the effect appears.

8.16. Closed caption

Closed Caption displays subtitles in synchronization with the Video.

1. During playback, press [MODE] to display the play menu.
2. Use [▲ / ▼] to select “CC Select”, then press [OK].
3. Use [▲ / ▼] to select your desired stream, then press [OK].

Note
• Configure the closed caption display settings (font color, size, style, etc.) in the setup in advance. Refer to page 34-35.
9. **LIST OF SETTINGS**

In “Setup”, you can customize various kinds of settings as you prefer. Refer to the following instructions to navigate through the setup menu.

1. Press [HOME] to access the home menu.
2. Use [▲ / ▼ / ◀ / ▶] to select “Setup”, then press [OK].
3. Use [◀ / ▶] to select the desired Setting, then press [OK].
4. Use [▲ / ▼] to select the desired Category, then press [OK].
5. Use [▲ / ▼] to move up and down the list to select menus / options.
6. To make a selection or to access options for an item, select the desired item, then press [OK].
   - To go back to the previous screen, press [RETURN] or [◄].

Refer to the following table for the types of settings you can customize.

<table>
<thead>
<tr>
<th>Settings</th>
<th>Category</th>
<th>Menus / Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mode Settings</td>
<td>Language</td>
<td>OSD</td>
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<tr>
<td></td>
<td></td>
<td>English</td>
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<td>Français</td>
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<td>Español</td>
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<td>Menu</td>
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<td>Parental Control</td>
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<td>System</td>
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<th>Menus / Options</th>
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<td>Audio Setting</td>
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<td></td>
<td>Voice Guide Volume</td>
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<td>Medium</td>
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<td>Voice Guide Speed</td>
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<td>Voice Guide Pitch</td>
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<td>System Information</td>
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10. SETUPS

10.1. fun-Link (HDMI CEC)

fun-Link (HDMI CEC) allows integrated system control over HDMI and is part of the HDMI standard. This function may not work properly depending on the device connected to the unit. When “fun-Link (HDMI CEC)” setting is set to “On” the functions listed below will be available.

■ One touch play
When the Buttons below are pressed then operations are performed on this unit, the TV will automatically be turned on and switched to the appropriate video source input.

Buttons for one touch play:
- [ PLAY/PAUSE] (on the unit)
- [PLAY], [ SKIP BACK/DOWN], [ SKIP FORWARD/UP], [HOME] (on the remote control)
- [DISC MENU] (on the remote control when a disc is inserted in the unit)

■ One touch standby
When you press and hold [POWER] for 2 seconds, it turns off the TV first and then turns off the power on this unit.
When the connected HDMI CEC compatible display device is turned off first, then it turns off the the power on this unit.
10.2. HDMI video resolution

Sets the resolution of the video signal output from the HDMI OUT jack.

**Set up resolution**

1. Use [▲ / ▼ / ◄ / ►] to select “Setup” in the home menu, then press [OK].
2. Use [◄ / ►] to select “TV”, then press [OK].
3. Use [▲ / ▼] to select “Resolution”, then press [OK].
4. Use [▲ / ▼] to select your desired Setting, then press [OK]. On the confirmation screen, use [◄ / ►] to select “OK”, then press [OK].
5. Press [HOME] to exit.

**Set up HDMI 1080p/24Hz**

1. Follow steps 1 to 3 in “Set up resolution” above on this page.
2. Use [▲ / ▼] to select “HDMI 1080p 24Hz”, then press [OK].
3. Use [▲ / ▼] to select “On” or “Off”, then press [OK].

You can select the desired “Resolution” among the settings listed below: “Auto”, “480p”, “720p”, “1080i”, “1080p”. Actual output resolution:

<table>
<thead>
<tr>
<th>Setting in “Resolution”</th>
<th>Setting in “HDMI 1080p 24Hz”</th>
<th>Source</th>
<th>480i/60</th>
<th>480p/60</th>
<th>720p/60</th>
<th>1080i/60</th>
<th>1080p/60</th>
<th>1080p/24*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Auto</td>
<td>On</td>
<td>The highest resolution supported by your display device will automatically be in effect. * Images will be output in 1080p/24 when the connected device supports 1080p/24.</td>
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<td></td>
<td>Off</td>
<td>The highest resolution supported by your display device will automatically be in effect. * Images will be output in 1080p/60 even if the connected device supports 1080p/24.</td>
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<tr>
<td>480p</td>
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<td>720p</td>
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<td>1080i/60</td>
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<td>1080p</td>
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<td></td>
<td>Off</td>
<td>* Images will be output in 1080p/24 when the connected device supports 1080p/24.</td>
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<td>Off</td>
<td>* Images will be output in 1080p/60 even if the connected device supports 1080p/24.</td>
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Note

- The selected resolution must also be supported by your display device.
- If your TV and the unit are connected by a DVI cable and if “Auto” is selected, “480p” will be automatically in effect. Refer also to your TV’s manual.
- When connected to an HDCP incompatible display device, the picture will not be displayed properly.
- The audio signals from the HDMI OUT jack (including the sampling frequency, the number of channels and bit length) may be limited by the connected device.
- Among the display devices that support HDMI, some do not support audio output (for example, projectors). While connected to a device such as a projector, audio will not be output from the HDMI OUT jack.
- When this unit’s HDMI OUT jack is connected to a DVI-D compatible display device(s) (HDCP compatible) with an HDMI-DVI converter cable, the signals are output in digital RGB.
- HDMI video resolution does not work during playback of a BD-Video.

Copyright protection system

To play back digital video images of a BD-Video or DVD-Video via an HDMI connection, it is necessary that both the player and display device (or an AV receiver / amplifier) support a copyright protection system called HDCP (High-bandwidth Digital Content Protection system). HDCP is copy protection technology which prevents copying or playback of encrypted content when connected to a non-HDCP compliant AV device. This unit supports HDCP. Please read the operating instructions of your display device (or an AV receiver / amplifier) for more information.
10.3. Parental control

Some BD-Videos or DVD-Videos feature parental lock levels. playback will stop if the ratings of the content exceed the levels you set on the player, it will require you to enter a password before the disc will play back. This feature prevents your children from viewing inappropriate material.

Change password

| HOME | “Setup” | “Security” | “Change Password” |

1. Use [▲ / ▼ / ◄ / ►] to select “Setup” in the home menu, then press [OK].
2. Use [◄ / ►] to select “”, then press [OK].
4. Use [▲ / ▼] to select “Change Password”, then press [OK].
5. Enter your 4-digit password.
   - The default value is “0000”.
   - Use [▲ / ▼] to enter the first digit of your password, then press [►].
   - When 4-digit numbers are entered, press [OK].
   - Use [▲ / ▼] to enter numbers, then use [◄ / ►] to move the input field. After having entered the 4th number, press [►]. For confirmation, re-enter the same password, then press [OK].
   - Record your new password, in case you forget it.
BD / DVD rating level

**HOME** ➔ “Setup” ➔ “安全” ➔ “Security” ➔ “Parental Control”

1. Use [▲ / ▼ / ◀ / ◁] to select “Setup” in the home menu, then press [OK].
2. Use [◄ / ►] to select “安全”, then press [OK].
4. Use [▲ / ▼] to select “Parental Control”, then press [OK].
5. Enter your 4-digit password.
   - The default value is “0000”.
   - If you have not changed the password, change it. (referto page 40)
   - Use [▲ / ▼] to enter the first digit of your password, then press [▶].
   - When 4-digit numbers are entered, press [OK].
6. Use [▲ / ▼] to select your desired level, then press [OK].

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<tbody>
<tr>
<td>“Parental Control” is inactive; all discs can be played back.</td>
<td></td>
<td>Suitable for children.</td>
<td>General audience.</td>
<td>Parental guidance suggested.</td>
<td>Unsuitable for children under 13.</td>
<td>Parental guidance recommended.</td>
<td>Restricted; under 17.</td>
<td>Content unsuitable for ages 17 and under is blocked.</td>
<td>BD/DVD software of any Level (adult / general / children) can be played back.</td>
</tr>
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</table>

**To temporarily disable parental lock:**
Some discs allow you to temporarily disable parental lock. When you try to play them back, the password entry screen will be displayed.
Follow the instruction which appears on the TV screen to disable parental lock.
This unit lets you update the software yourself using a software update disc or USB memory stick.
The available discs are below:
- BD-RE/-R
- DVD-RW/-R
- CD-RW/-R

**Disc / USB memory stick update**
You can update the Software by using a disc or USB memory stick.
Prepare a blank disc or USB memory stick for software update:
Navigate to www.magnavox.com/support/ website, and download the latest software version to a blank disc or USB memory stick using a PC by following the directions described on the website.
- Use a blank disc or USB memory stick, download one software update per disc or USB memory stick. Write the software into the root directory of the disc or USB memory stick.
- For more details on how to download the software, please refer to the instructions indicated on the website.

1. Insert the disc or connect the USB memory stick for Software Update.
   - If a disc is inserted, the file list will appear. Press [HOME].
   - After connecting a USB memory stick, wait 10-20 seconds, then move on to step 2.
2. Use [▲ / ▼ / ◀ ◁ ◁] to select “Setup” in the home menu, then press [OK].
4. Use [▲ / ▼] to select “System”, then press [OK].
5. Use [▲ / ▼] to select “Software Update”, then press [OK].
6. Use [▲ / ▼] to select “Disc” or “USB memory stick”, then press [OK].
   - This unit now starts loading the update file, then Installs it. Update will take a while. Leave the unit until it automatically restarts.
7. After updating finishes, this unit will restart automatically. Remove the disc or USB memory stick from this unit.

Caution
- Please Do Not Unplug the AC power cord, Eject the disc or unplug the USB memory stick or press [(POWER)] on unit or remote to turn the unit to standby mode while performing a “Disc / USB memory stick Update”.

Note
- Software update will not change any of the current settings.
10.5. Voice guide

Menus to configure various settings for the voice guide function.

1. Use [▲ / ▼ / ◄ / ►] to select “Setup” in the home menu, then press [OK].
2. Use [◄ / ►] to select “”, then press [OK].
3. Use [▲ / ▼] to select the desired setting, then press [OK].
   - “Voice Guide”: Turns on/off the voice guide function.
   - “Voice Guide Volume”: Configures the volume of the voice.
   - “Voice Guide Speed”: Configures the speech rate.
   - “Voice Guide Pitch”: Configures the voice pitch.
   - “Voice Guide Verbosity”: Configures whether to read detailed information on the current item/operation.
4. Use [▲ / ▼] to select the desired setting, then press [OK].
5. Press [HOME] to exit.

Note
- In order to enable the voice guide function, the OSD language needs to be set to English or Spanish. Voice guide is not available in French.
- When voice guide is set to on, the HDMI audio setting is fixed to LPCM. Changing the HDMI Audio setting is only possible when voice guide is set to off.
- While the voice guide function is enabled, operations may slow down.

10.6. Restore default settings

This unit will be reset to factory default settings. All the settings will be Initialized.

1. Use [▲ / ▼ / ◄ / ►] to select “Setup” in the home menu, then press [OK].
2. Use [◄ / ►] to select “”, then press [OK].
3. Use [▲ / ▼] to select “System”, then press [OK].
4. Use [▲ / ▼] to select “Load Default”, then press [OK].
5. Confirmation message will appear. Use [◄ / ►] to select “OK”.
   - Initialization will start.

Note
- The initial setup screen will appear upon completion of Initialization.
## 11. TROUBLESHOOTING

<table>
<thead>
<tr>
<th>Problem</th>
<th>Tip</th>
</tr>
</thead>
</table>
| No power. | Check if the AC power cord is properly connected.  
Try another power outlet.  
Unplug the AC power cord, and wait for about 5-10 seconds. Plug it back in and attempt to power on the unit. |
| No sound or picture. | Make sure both the TV and Blu-ray Disc™ player are turned on.  
Confirm the connections to the TV are made properly as shown in the "CONNECTIONS" on page 11.  
Check to see whether the connected TV or another device supports HDCP. (This unit will not output a video signal unless the other device supports HDCP.) |
| No reaction to the remote control. | Reduce the distance to infrared sensor window.  
Confirm that the player's AC power cord is plugged into a power outlet.  
Check the batteries in the remote control and make sure they are inserted properly by + or - symbols. See how to check the remote operation on page 48. |
| No audio / video signal on the display device via HDMI cable. | If the unit is connected to a non-certified HDMI device, the audio / video signal will not be sent to that device.  
Make sure the display device is on the correct input / video source.  
Perform an HDMI hotplug: Disconnecting the HDMI cable from the display device, turn on both devices, and replug the HDMI cable back in.  
Check with the TV manufacturer, if there are any software updates available for the TV.  
Check to see if the HDMI cable is a certified version. |
| No high-definition video signal on the TV screen. | Does the disc contain high-definition video? High-definition video is only available when the disc contains it.  
Does the TV support high-definition video? High-definition video is only available when the TV supports it. |
| Distorted picture. | Sometimes a small amount of picture distortion may appear. This is not a malfunction. |
| Completely distorted picture or black / white picture with Blu-ray Disc™ / DVD disc. | Make sure the disc is compatible with this unit. |
| No sound or distorted sound. | Adjust the volume.  
Check to see if the speakers are connected correctly.  
Check the HDMI connection.  
Make sure the HDMI cable is not plugged into an HDMI-DVI adapter which does not handle digital sound.  
Check the settings in "Audio Output" menu. |
| Picture freezes momentarily during disc playback. | Check the disc for fingerprints / scratches and clean with a soft cloth wiping from the center to the outer edge. |
| Cannot play back a disc. | Make sure that the unit supports the disc.  
Check the region code for the disc. This unit supports the following region codes.  
- Blu-ray Disc™: “A”  
- DVD: “ALL” or “1”  
For DVD-RW/-R, make sure that the disc is finalized.  
Clean the disc.  
Is the disc a newer title? This problem may be solved by software update. Refer to "Software update" on page 42. |
| “BD-ROM Data(USB) Check” message appears when attempting to play a Blu-ray Disc™. | Connect a USB memory stick first, then insert the Blu-ray Disc™.  
- Upon loading a Blu-ray Disc™, this unit will check the USB memory stick used to save necessary information for playback of some BD-ROM discs. |

continued on next page
<table>
<thead>
<tr>
<th>Problem</th>
<th>Tip</th>
</tr>
</thead>
<tbody>
<tr>
<td>A music/photo file does not play.</td>
<td>Confirm that the file type is supported. Refer to page 17 for the compatible file extensions. The file may be corrupted. Check to see if it is playable on a PC or other devices.</td>
</tr>
<tr>
<td>No return to start-up screen when disc is removed.</td>
<td>Soft Reset this unit by turning it off for 30 seconds, then on again. To completely Reset the unit, press and hold [POWER] on the front panel for 10 seconds to shut down the unit or unplug the AC power cord from the AC outlet for 5-10 seconds.</td>
</tr>
<tr>
<td>☒ in the upper left hand corner of the TV screen.</td>
<td>The operation is not possible.</td>
</tr>
<tr>
<td>Buttons do not work or the unit stops responding.</td>
<td>To soft reset the unit, press and hold [POWER] on the front panel for 10 seconds to shut down the unit or to hard reset the unit by unplugging the AC power cord from the AC outlet for 5-10 seconds.</td>
</tr>
<tr>
<td>The unit does not respond to some operating commands during playback.</td>
<td>The operations may be prohibited by the disc. Refer to the instructions for the disc.</td>
</tr>
<tr>
<td>The unit cannot read Blu-ray Disc™ / DVD / CD disc.</td>
<td>Condensation? (Let the unit sit and dry for 1 or 2 hours) Check to see if the disc is compatible with this unit. (Refer to page 16.) Wipe dirt off the disc from the center to the outside or replace the disc. Refer to “Cleaning discs” on page 48.</td>
</tr>
<tr>
<td>Scene shooting angle does not switch.</td>
<td>Angles cannot be switched for Blu-ray Disc™ / DVD which do not contain multiple Angles. In some cases multiple angles are only recorded for specific scenes.</td>
</tr>
<tr>
<td>Playback does not start when a title is selected.</td>
<td>Check the settings in “Parental Control” menu.</td>
</tr>
<tr>
<td>Cannot play back AVCHD file.</td>
<td>This unit cannot play back stand-alone AVCHD files (*.m2ts, *.mts or *.m2t) written to a DVD. The DVD containing AVCHD files must have a proper file and folder structure meeting AVCHD format specifications. Please use AVCHD compliant Device / software to burn or copy AVCHD files to DVD. (Please refer to User Manuals of the device / software for more information.)</td>
</tr>
<tr>
<td>The capacity of the USB memory stick decreased.</td>
<td>Data may be written on the USB memory stick when a BD-Video uses the Virtual Package feature while a USB memory stick is connected to the unit.</td>
</tr>
<tr>
<td>Cannot play back a MPEG-2 video and audio from the USB memory stick.</td>
<td>MPEG-2 is not compatible with this unit.</td>
</tr>
<tr>
<td>Cannot read the contents on the USB memory stick.</td>
<td>The USB memory stick is not compatible with this unit or the contents may be damaged. Turn off the unit, then turn it back on. To soft reset the unit, press and hold [POWER] on the front panel for 10 seconds to shut down unit to standby mode or to hard reset the unit by unplugging the AC power cord from the AC outlet for 5-10 seconds.</td>
</tr>
<tr>
<td>Cannot play back BD-Video.</td>
<td>Connect a USB memory stick (256MB or more of available memory) which is formatted on this unit. Some discs require memory when playing back the content. Do not disconnect the USB memory stick during playback.</td>
</tr>
<tr>
<td>Cannot use BD-Live.</td>
<td>BD-Live function cannot be performed because this unit does not connect the internet.</td>
</tr>
<tr>
<td>Repeat setting does not work with a Blu-ray Disc™</td>
<td>Repeat setting may be unavailable because this unit does not allow repeat setting.</td>
</tr>
<tr>
<td>Cannot play back 3D.</td>
<td>3D Blu-ray™ discs are not supported by this unit.</td>
</tr>
<tr>
<td>Cannot load a Blu-ray Disc™ (that is stuck in loading mode) and cannot open the disc tray to eject the disc.</td>
<td>Unplug unit from AC outlet for 5-10 seconds. Plug unit back in and press the [OPEN/CLOSE] on the unit to eject the disc.</td>
</tr>
<tr>
<td>Cannot read a USB memory stick.</td>
<td>The format of the USB memory stick is not compatible with this unit. If the USB memory stick has been formatted on a PC or another device, the file system may be incompatible with this unit. This unit supports the FAT16 / FAT32 file systems.</td>
</tr>
<tr>
<td>Problem</td>
<td>Tip</td>
</tr>
<tr>
<td>--------------------------------------------------</td>
<td>----------------------------------------------------------------------</td>
</tr>
<tr>
<td>Cannot play back photo files from a disc.</td>
<td>Make sure that the disc was recorded in the UDF, ISO9660 or JOLIET format.</td>
</tr>
<tr>
<td>Cannot find a photo file.</td>
<td>Make sure that the file extension is .jpg / .JPG / .jpeg / .JPEG / .png / or .PNG.</td>
</tr>
<tr>
<td>Cannot play back music files from a disc.</td>
<td>Make sure that the disc was recorded in the UDF, ISO9660 or JOLIET format.</td>
</tr>
<tr>
<td></td>
<td>Confirm that the bitrate and sampling frequency are compatible with this unit. (Refer to page 17)</td>
</tr>
<tr>
<td>Cannot find a music file.</td>
<td>Make sure that the file extension is FLAC or WAV for music files.</td>
</tr>
<tr>
<td>Music files play choppy.</td>
<td>CDs/DVDs containing FLAC (.flac) files with high frequency and large quantization bit rates may not play properly. In such cases, copy the music files to a Blu-ray Disc™ or USB memory stick, then try playing.</td>
</tr>
<tr>
<td>No audio signal from surround system of the audio system.</td>
<td>Make sure the audio system is turned on.</td>
</tr>
<tr>
<td></td>
<td>Check the Input mode on the audio system if it is on the correct channel.</td>
</tr>
<tr>
<td></td>
<td>Check if the surround system is compatible with either bitstream or LPCM. If not sure please check the user manual or contact the surround manufacturer. Once confirmed check the setting in the “Setup” on this unit.</td>
</tr>
<tr>
<td></td>
<td>Increase the volume level on the surround system.</td>
</tr>
</tbody>
</table>

**Note**
- Do not attempt to repair the Blu-ray Disc™ player yourself. This may cause severe injury, irreparable damage to your Blu-ray Disc™ player and void your warranty.
- Please have your Blu-ray Disc™ player model and serial number available before contacting us. These numbers are available on the cabinet, as well as on the packaging.
## 12. SPECIFICATIONS

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<tbody>
<tr>
<td><strong>USB input</strong></td>
</tr>
<tr>
<td>TYPE A</td>
</tr>
<tr>
<td><strong>HDMI output</strong></td>
</tr>
<tr>
<td>HDMI jack x 1</td>
</tr>
</tbody>
</table>

Note

- The specifications and design of this product are subject to change without notice.
13. MAINTENANCE

■ Servicing
  • Please refer to relevant topics in "TROUBLESHOOTING" on page 44 before returning the product.
  • If this unit becomes inoperative, do not try to correct the problem by yourself. There are no user-serviceable parts inside. Eject the disc (if possible), disconnect the USB memory stick (if connected to the unit), place the unit into standby mode, unplug the AC power cord, and please contact: 1-866-341-3738 or visit: www.magnavox.com/support/

■ Cleaning the cabinet
  • Wipe the front panel and other exterior surfaces of the unit with a soft cloth.
  • Never use a solvent, thinner, benzene or alcohol to clean the unit. Do not spray insecticide liquid near the unit. Such chemicals may discolor the surface or damage the unit.

■ Cleaning discs
  • When a disc becomes dirty, clean it with a cleaning cloth. Wipe the disc from the center to outside. Do not wipe in a circular motion.
  • Do not use solvents such as benzine, thinner, commercially available cleaners, detergent, abrasive cleaning agents or antistatic spray intended for analog records.

■ Cleaning the disc lens
  • If this unit still does not perform properly although you referred to relevant sections and "TROUBLESHOOTING" on page 44 in this user manual, the laser optical pickup unit may be dirty. Consult your dealer or an authorized service center for inspection and cleaning of the laser optical pickup unit.

■ Disc handling
  • Handle the discs so that fingerprints and dust do not adhere to the surfaces of the discs.
  • Always store the disc in its protective case when it is not used.
  • Note that discs with special shapes (heart-shaped discs, octagonal discs, etc.) cannot be played back on this unit. Do not attempt to play such discs, as they may damage the unit.

■ IR signal check
  • If the remote control does not work properly, you can test IR signal using a digital camera or cell phone camera to see if the remote control sends out the infrared signal.
    1. Turn on the digital camera or cell phone camera.
    2. Point the digital camera or cell phone camera towards the front of the remote control.
    3. Press any arrow key on the remote control and look at the camera display.
       • If a pulsating light appears on the display the remote control is sending out an IR signal.

≡ Note
  • Some digital cameras or smart phones with camera(s) may have an IR filter(s) and will not display the IR signal.
  • Remote-control operation on any other remote control, such as a universal remote control, is not guaranteed.
14. TRADEMARK INFORMATION

“Blu-ray Disc™”, “Blu-ray” and “Blu-ray Disc™” logo are trademarks of the Blu-ray Disc Association.

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“BONUSVIEW™” and “BONUSVIEW™” logo are trademarks of the Blu-ray Disc Association.

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**DVD**

is a trademark of DVD Format/Logo Licensing Corporation.

**AVCHD™**

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15. GLOSSARY

**AACS**
Advanced Access Content System (AACS) is the content protection scheme used with Blu-ray™ discs.

**Analog Audio**
An electrical signal that directly represents sound. Compare this to digital audio which can be an electrical signal, but is an indirect representation of sound. See also "Digital Audio" on page 51.

**Aspect Ratio**
The width of a TV screen relative to its height. Conventional TVs are 4:3 (in other words, the TV screen is almost square); widescreen models are 16:9 (the TV screen is almost twice as wide as its height).

**AVCHD**
AVCHD is a new format for high definition video camcorders which can record and play high-resolution HD images.

**Blu-ray Disc™**
Blu-ray Disc™ is a next generation optical video disc which is capable of storing much more data than a conventional DVD. The large capacity makes it possible to benefit from the features such as high-definition videos, multi-channel surround sounds, interactive menus and so on.

**Chapter**
Just as a book is split up into several chapters, a title on a BD-Video or DVD-Video is usually divided into chapters. See also "Title" on page 52.

---

**Cinavia™**
Cinavia Notice
This product uses Cinavia technology to limit the use of unauthorized copies of some commercially-produced film and videos and their soundtracks. When a prohibited use of an unauthorized copy is detected, a message will be displayed and playback or copying will be interrupted. More information about Cinavia technology is provided at the Cinavia Online Consumer Information Center at http://www.cinavia.com
To request additional information about Cinavia by mail, send a postcard with your mailing address to: Cinavia Consumer Information Center, P.O. Box 86851, San Diego, CA, 92138, USA.
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**Digital Audio**
An indirect representation of sound by numbers. During recording, the sound is measured at discrete intervals (44,100 times a second for CD audio) by an analog-to-digital converter, generating a stream of numbers. On playback, a digital-to-analog converter generates an analog signal based on these numbers. See also "Sampling Frequency" and "Analog Audio".

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continued on next page
**Dolby Audio - Dolby Digital**
The system to compress digital sound developed by Dolby Laboratories. It offers you stereo sound (2ch) or multi-channel audio.

**Dolby Audio - Dolby Digital Plus**
Dolby Digital Plus is the next generation digital audio compression technology developed as an extension to Dolby Digital. Blu-ray Disc™ supports 7.1 multi-channel surround sound output.

**Dolby Audio - Dolby TrueHD**
Dolby TrueHD is a lossless coding technology developed for next generation optical discs. Blu-ray Disc™ supports 7.1 multi-channel surround sound output.

**DTS® (Digital Theater System)**
DTS® is a multi channel surround sound system. You can enjoy movie dynamic and realistic sound like movie theater. DTS surround sound technologies were developed by DTS, Inc.

**DTS-HD®**
DTS-HD® is a lossless coding technology developed as an extension of the original DTS Coherent Acoustics format. Blu-ray Disc™ supports 7.1 multi-channel surround sound output.

**FLAC (Free Lossless Audio Codec)**
FLAC is a type of lossless sound compression file format.

**HDMI (High-Definition Multimedia Interface)**
A digital interface between an audio and video source. It can transmit component video, audio, and control signal with one cable connection.

**JPEG (Joint Photographic Experts Group)**
JPEG is a method of compressing still picture files. You can copy JPEG files on BD-RE/-R, DVD-RW/-R, CD-RW/-R, or USB memory stick from a computer and play back the files on this unit.

**Local Storage**
A storage area of sub contents for playing virtual packages on BD-Video.

**PCM (Pulse Code Modulation)**
The most common system of encoding digital audio, found on CD and DAT. Excellent quality, but requires a lot of data compared to formats such as Dolby Digital and MPEG audio. For compatibility with digital audio recorders (CD, MD and DAT) and AV amplifiers with digital Inputs, this unit can convert Dolby Digital, DTS, and MPEG audio to PCM. See also “Digital Audio” on page 51.

**Region Code**
Regions associate discs and players with particular areas of the world. This unit will only play back discs that have compatible region codes. You can find the region code of your unit by looking on the rear panel. Some discs are compatible with more than one region (or all regions).

**Sampling Frequency**
The rate which sound is measured by a specified interval to turn into digital audio data. The numbers of sampling in one second defines as sampling frequency. The higher the rate, the better the sound quality.

**Title**
A collection of chapters on BD-Video or DVD-Video. See also “Chapter” on page 51.

**Track**
Audio CD uses tracks to divide up the content of a disc. The BD-Video or DVD-Video equivalent is called a chapter. See also “Chapter” on page 51.

**x.v.Color**
“x.v.Color” is a promotion name given to the products that have the capability to realize a wide color space based on the xvYCC specifications and is a trademark of Sony Corporation.
MAGNAVOX
LIMITED WARRANTY

FUNAI CORP. will repair this product, free of charge in the USA in the event of defect in materials or workmanship as follows:

DURATION:

PARTS: FUNAI CORP. will provide parts to replace defective parts without charge for one (1) year from the date of original retail purchase. Certain parts are excluded from this warranty.

LABOR: FUNAI CORP. will provide the labor without charge for a period of ninety (90) days from the date of original retail purchase.

Note: Any product sold and identified as refurbished or renewed carries a ninety (90) days labor and parts limited warranty.

LIMITS AND EXCLUSIONS:

THIS WARRANTY IS EXTENDED ONLY TO THE ORIGINAL RETAIL PURCHASER. A PURCHASE RECEIPT OR OTHER PROOF OF ORIGINAL RETAIL PURCHASE WILL BE REQUIRED TOGETHER WITH THE PRODUCT TO OBTAIN SERVICE UNDER THIS WARRANTY.

This warranty shall not be extended to any other person or transferee.

This warranty is void and of no effect if any serial numbers on the product are altered, replaced, defaced, missing or if service was attempted by an unauthorized service center. This limited warranty does not apply to any product not purchased and used in the United States and Canada.

This warranty only covers failures due to defects in material or workmanship which occur during normal use. It does not cover damage which occurs in shipment, or failures which are caused by repairs, alterations or products not supplied by FUNAI CORP., or damage, which results from accident, misuse, abuse, mishandling, misapplication, alteration, faulty installation, improper maintenance, commercial use such as hotel, rental or office use of this product, or damage which results from fire, flood, lightning or other acts of God.

THIS WARRANTY DOES NOT COVER PACKING MATERIALS, ANY ACCESSORIES (EXCEPT REMOTE CONTROL), ANY COSMETIC PARTS, COMPLETE ASSEMBLY PARTS, DEMO OR FLOOR MODELS.

FUNAI CORP. AND ITS REPRESENTATIVES OR AGENTS SHALL IN NO EVENT BE LIABLE FOR ANY GENERAL, INDIRECT OR CONSEQUENTIAL DAMAGES ARISING OUT OF OR OCCASIONED BY THE USE OF OR THE INABILITY TO USE THIS PRODUCT. THIS WARRANTY IS MADE IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, AND OF ALL OTHER LIABILITIES ON THE PART OF FUNAI, ALL OTHER WARRANTIES INCLUDING THE WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE HEREBY DISCLAIMED BY FUNAI AND ITS REPRESENTATIVES IN THE UNITED STATES.

ALL WARRANTY INSPECTIONS AND REPAIRS MUST BE PERFORMED BY AN AUTHORIZED SERVICE CENTER. THIS WARRANTY IS ONLY VALID WHEN THE UNIT IS CARRIED-IN TO AN AUTHORIZED SERVICE CENTER.

THE PRODUCT MUST BE ACCOMPANIED BY A COPY OF THE ORIGINAL RETAIL PURCHASE RECEIPT.
IF NO PROOF OF PURCHASE IS ATTACHED, THE WARRANTY WILL NOT BE HONORED AND REPAIR COSTS WILL BE CHARGED.

IMPORTANT:

THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS. YOU MAY HAVE OTHER RIGHTS THAT VARY FROM STATE TO STATE. IF, AT ANY TIME DURING THE WARRANTY PERIOD, YOU ARE UNABLE TO OBTAIN SATISFACTION WITH THE REPAIR OF THIS PRODUCT, PLEASE CONTACT FUNAI CORP.

ATTENTION:

FUNAI CORP. RESERVES THE RIGHT TO MODIFY ANY DESIGN OF THIS PRODUCT WITHOUT PRIOR NOTICE.

WARRANTY STATEMENT REGARDING NON AUTHORIZED REPAIRS:

To obtain warranty service, you must take the product, or deliver the product freight prepaid, in either its original packaging or packaging affording an equal degree of protection, to any AUTHORIZED SERVICE CENTER. FUNAI CORP. will not reimburse you for any service done by unauthorized service providers without prior written approval.

To locate your nearest AUTHORIZED SERVICE CENTER or for general service inquiries, please contact us at:

FUNAI CORPORATION
Tel: 1-866-341-3738
www.magnavox.com/support/
19900 Van Ness Ave., Torrance CA 90501
16. ESPAÑOL

16.1. Mando a distancia

6. Botón ▶ (REPRODUCIR)*
   - Púlselo para iniciar o reanudar la reproducción.

7. Botón ◄ (SALTAR)
   - Durante la reproducción, púlselo una vez para volver al comienzo del título, capítulo, pista o archivo actual.
   - Durante la reproducción, pulse dos veces sobre la tecla para volver al título, capítulo, pista o archivo anterior.
   - Durante la reproducción de archivos JPEG, púlselo para volver al archivo anterior.

8. Botón ■ (DETENER)
   - Púlselo para detener la reproducción.

9. Botón DISPLAY
   - Púlselo para visualizar el menú desplegable en pantalla.

10. Botón REPEAT
    - Presione para seleccionar el modo de repetición.

11. Botones de ROJO / VERDE / AZUL / AMARILLO
    - Púlselos para activar las teclas de atajo en algunas funciones de BD-vídeo. Cuando se despliega la lista de archivos, presione para cambiar las páginas.

12. Botón △ (ABRIR/CERRAR)*
    - Púlselo para cerrar o abrir la bandeja para discos.

13. Botón HOME
    - Púlselo para mostrar el menú de inicio.

14. Botón MODE
    - Durante la reproducción, púlselo para visualizar el menú de reproducción.

15. Botón OK
    - Púlselo para confirmar o seleccionar elementos de menú.

16. Botón RETURN
    - Púlselo para volver a la pantalla de funciones o menú mostrado anteriormente.

17. Botón ▶ (ADELANTAR)
   - Durante la reproducción, púlselo para avanzar rápido la reproducción.
   - Cuando la reproducción esté en pausa, púlselo para avanzar lentamente la reproducción.

18. Botón (SALTAR)
   - Durante la reproducción, púlselo para saltar al siguiente capítulo, pista o archivo.
   - Cuando la reproducción esté en modo de pausa, púlselo para avanzar la reproducción imagen a imagen.

19. Botón ■ (PAUSAR)
   - Púlselo para pausar la reproducción.

* La unidad también se puede encender pulsando estos botones.

1. Botón ◆ (ENERGÍA)
   - Pulse el botón para encender la unidad, o para pasar la unidad al modo de espera. (Para apagar completamente la unidad, debe desconectar el cable de alimentación de CA.)

2. Botón DISC MENU
   - Durante la reproducción (Blu-ray Disc™ o DVD), púlselo seleccionar el menú (menú superior o menú emergente/menú).

3. Botones de ▲ / ▼ / ◄ / ▶
   - Púlselos para seleccionar elementos o configuraciones.

4. Botón SEARCH
   - Púlselo para mostrar el menú de selección de número o el menú de buscar.

5. Botón ◄(REVERSO)
   - Durante la reproducción, púlselo para invertir rápido la reproducción.
16.2. Encontrar el HDMI en su televisor

Revise los siguientes pasos después de haber completado todas las conexiones a su TV.

2. Encienda su televisor.
3. Cambia la entrada de su TV al puerto HDMI al que está conectado su unidad.

Ésta es la vista de Entrada HDMI correcta.

- Puede tomar unos momentos para que aparezca la pantalla de Menú.
- Cuando se enciende esta unidad por primera vez, aparecerá la pantalla “Instalacion Inicial”.
16.3. Instalacion inicial

Por favor, siga las instrucciones que se exponen a continuación para completar la configuración inicial.

1. Mientras se muestra la pantalla de bienvenida, presione [OK].


![Imagen de configuración del idioma]


■ Cómo restablecer el idioma OSD

Puede restablecer el idioma OSD si seleccionó el ajuste de idioma equivocado.

1. Presione [HOME] para desplegar el Menú de Inicio.

2. Utilice [▲ / ▼ / ◀ / ▶] para seleccionar “”, despés presione [OK].

   - Esta partida es “Setup” (inglés) / “Instalación” (español) / “Installation” (francés).
   - A partir de aquí, por favor seleccione una de las siguientes partidas que puede encontrar en la pantalla:


5. Utilice [▲ / ▼] para seleccionar “OSD” (inglés) / “OSD” (español) / “Affiche sur l’écran” (francés), y después presione [OK].

6. Utilice [▲ / ▼] para seleccionar el idioma que desee, despés presione [OK].

7. Si las partidas de ajuste se despliegan en el idioma que seleccionó, presione [HOME] para salir.
MAGNAVOX
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FUNAI CORP. reparará este producto, de forma gratuita en Estados Unidos, en caso de defecto de materiales o fabricación, del modo siguiente:

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PIEZAS: FUNAI CORP. suministrará la mano de obra de forma gratuita durante un periodo de noventa (90) días desde la fecha de compra minorista original.

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ATENCIÓN:
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Para obtener servicio de garantía, debe usted aceptar el producto, o hacer entrega del producto con portes pagados, ya sea en su embalaje original o en un embalaje que proporcione el mismo grado de protección, a cualquier CENTRO DE SERVICIO AUTORIZADO. FUNAI CORP. no efectuará reembolso por ningún servicio realizado por proveedores de servicio no autorizados sin autorización previa por escrito.

Para localizar su CENTRO DE SERVICIO AUTORIZADO más próximo o para solicitudes generales de servicio, puede ponerse en contacto con nosotros en:

FUNAI CORPORATION
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www.magnavox.com/support/
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