AUDIOVOX ELECTRONICS CORP.

Owner's Manual

AVDBR1
AUTOMOTIVE BLU-RAY PLAYER

For Sales Information Please Contact

RoadTrucker Inc (www.RoadTrucker.com)
8312 Sidbury Rd.
Wilmington, NC 28411
(800) 507-0482 / (910) 686-4281

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Warnings and Cautions

WARNING: SHOCK HAZARD - DO NOT OPEN
AVIS: RISQUE DE CHOC ÉLECTRIQUE - NE PAS OUVRIR

SEE MARKING ON BOTTOM OF PRODUCT

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK HAZARD, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE. THE APPARATUS SHALL NOT BE EXPOSED TO DRIPPING OR SPLASHING.

THE LIGHTNING FLASH AND ARROWHEAD WITHIN THE TRIANGLE IS A WARNING SIGN ALERTING YOU OF "DANGEROUS VOLTAGE" INSIDE THE PRODUCT.

THE EXCLAMATION POINT WITHIN THE TRIANGLE IS A WARNING SIGN ALERTING YOU OF IMPORTANT INSTRUCTIONS ACCOMPANYING THE PRODUCT.

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

Caution

This product uses a laser. Use of controls or adjustments or performance of procedures other than those specified may result in hazardous radiation exposure. Do not open covers and do not repair the unit yourself. Refer servicing to qualified personnel.

Visible laser radiation when open. Avoid exposure to beam.

Class 1 Laser Product

This unit must be opened only by qualified technicians to prevent accidents caused by the laser beam.

This product contains a low power laser device.

The marking plate is located on the bottom enclosure of the apparatus.

Please respect the environment and prevailing regulations.

Before you dispose of batteries, ask your dealer whether they are subject to special recycling and if they will accept them for disposal.

FCC Information

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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 mobile 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 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 the receiver

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Warning and Cautions

- 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.

This class B digital apparatus complies with Canadian ICES-003.

Notice

An LCD panel and/or video monitor may be installed in a motor vehicle and visible to the driver if the LCD panel or video monitor is used for vehicle information, system control, rear or side observation or navigation. If the LCD panel or video monitor is used for television reception, video or Blu-ray/DVD play, the LCD panel or video monitor must be installed so that these features will only function when the vehicle is in "park" or when the vehicle's parking brake is applied.

Notice

An LCD panel or video monitor used for television reception, video or Blu-ray/DVD play that operates when the vehicle is in gear or when the parking brake is not applied must be installed to the rear of the driver's seat where it will not be visible, directly or indirectly, to the operator of the motor vehicle.

Service Information

Do not attempt to disassemble the unit. This product does not contain customer serviceable components. Refer all servicing to qualified service personnel.

Servicing is required when the apparatus has been damaged in any way, such as the power 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.

WARNING

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Battery Precautions

Your remote control operates on batteries. Please adhere to the following precautions:

- If you are not using the remote control for a long period of time, remove the batteries.
- Do not mix different types of batteries or new and old batteries.
- A battery may leak electrolyte if mixed with a different battery type, if inserted incorrectly, or if all batteries are not replaced at the same time.
- Replace only with the type of batteries specified.
- Do not use rechargeable batteries.
- To avoid any risk of explosion, observe the polarities indicated inside the battery compartment.
- A battery may leak electrolyte or explode if disposed of in fire or an attempt is made to charge a battery not intended to be recharged.
- Discard leaky batteries immediately. Leaking batteries can cause skin burns or other personal injury.
- When discarding batteries, be sure to dispose of them in the proper manner, according to your state/provincial and local regulations.
- Do not dispose of batteries in a fire or recharge them. Batteries may explode or leak.
- Do not expose batteries to excessive heat from sunshine, fire or the like.

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Warnings and Cautions

Additional Precautions

- If your unit has been stored in a cool place for any length of time, wait for about 2 hours before using it.
- Switching off the unit to standby mode does not disconnect it from the vehicle's power. To completely isolate the equipment, remove the plug from the POWER connector as some components remain connected to the electrical supply.
- If you notice any burning or smoke, disconnect the unit immediately to avoid any risk of electrocution.
- Do not expose the unit to dripping or splashing.
- Care should be taken so that objects do not fall into the unit.
- If an object or liquid enters inside the unit, disconnect it immediately and have it checked by an authorized servicer or service center.
- The openings located on the unit are for ventilation. Do not block any ventilation openings.
- Always leave sufficient space around the unit for ventilation. Do not place the unit in a cabinet that may prevent air flow through vent openings.
- Connect the DC Power Cable only to a 12 V power source as marked on the product.
- Protect the DC Power Cable from being pinched.
- Install in accordance with the instructions.
- Do not install the unit where it would be subject to high temperatures, such as from direct sunlight, from the vehicle heater or from other apparatus (including amplifiers) that produce heat.
- Avoid installing the unit in locations where it would be subjected to dust, dirt or excessive vibration.
- Use only with a bracket specified by the manufacturer, or sold with the apparatus.

Cleaning

- Use a soft, dry, clean cloth.
- Using solvents, abrasive or alcohol-based products risks damaging the unit.

Handling and Caring for Discs

- Handle your discs with care. Hold the disc with your fingers at the edges or through the hole.
- Always put discs back in their cases after use and store in a vertical position.
- Do not play cracked, chipped or warped discs.
- Do not try to repair discs with adhesive tape or glue.
- Do not write on a disc.
- Do not scratch discs.
- Do not store discs in places exposed to direct sunlight, high humidity or high temperatures.
- Do not use aerosol cleaners, benzene, anti-static liquids or any other solvent for cleaning discs. When cleaning, wipe gently with a soft damp (water only) cloth. Always wipe from the center to the edge. Avoid circular motions, which could cause scratches and interference during playback.

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Introduction

Thank you for choosing the AVDBR1 Blu-ray player. The AVDBR1 is designed to optimize the enjoyment of your favorite Blu-ray/DVD discs in a mobile environment. This Blu-ray player is designed to provide years of reliable, trouble-free service.

Please read this manual thoroughly prior to operating the Blu-ray player. Save this manual for future reference.

Features

- Stand alone automotive Blu-ray player
- Slot Load
- Plays Blu-ray Discs (BD), DVD and CD discs
- One HDMI output
- Audio/Video output via RCA jacks
- WiFi capable to enable BD live features (adapter sold separately - future availability)
- Front panel controls
- USB input for thumb drives (up to 32 GB)
- Flexible mounting options
- IR remote control
- External Remote Infrared Receiver

Accessories

Please check and identify the included accessories:

- ☐ Remote Control ..... x 1
- ☐ AAA 1.5V Battery ..... x 2
- ☐ RCA Audio/Video Cable ..... x 1
- ☐ DC Power Cable with 4-pin Power Connector ..... x 1
- ☐ External Remote IR Receiver ..... x 1
- ☐ Metal Mounting Brackets ..... x 2
- ☐ Black Pan Head Phillips Screw, M3 x 6 mm ..... x 4
- ☐ Rubber Foot..... x 4
- ☐ Product Registration Card for Online Registration ..... x 1

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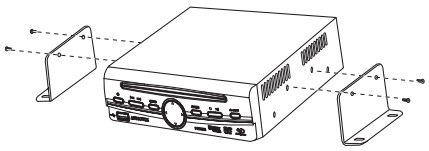
Installation

Before installing the player:

- Choose a mounting location where the Blu-ray player does not get in the driver's way and cannot injure the passenger in the event of an emergency stop.
- Connect the wiring temporarily. Make sure it is connected correctly and the Blu-ray player and the system work properly.

Installing the Player

1. Install the Blu-ray player in a horizontal position with the front end up at a convenient angle, but not more than 30 degrees.
2. Screws are provided to attach the Blu-ray player to the (two) L-brackets. Fasten the unit to the L-brackets by aligning the screw holes on the L-brackets with the screw holes on the unit. Refer to following figure.



3. Tighten the screws on each side of the Blu-Ray player.
4. Use self-tapping screws (not supplied) to mount the L-brackets in the vehicle. Be careful of hidden wiring under the carpet.

Notes

- To ensure proper installation, use only the parts included with the Blu-ray player. The use of unauthorized parts can cause malfunctions.
- Avoid installing the Blu-ray player where it would be subject to high temperatures, such as from direct sunlight or from hot air from the vehicle's heater. Also avoid locations where the player would be subjected to dust, dirt or excessive vibration.

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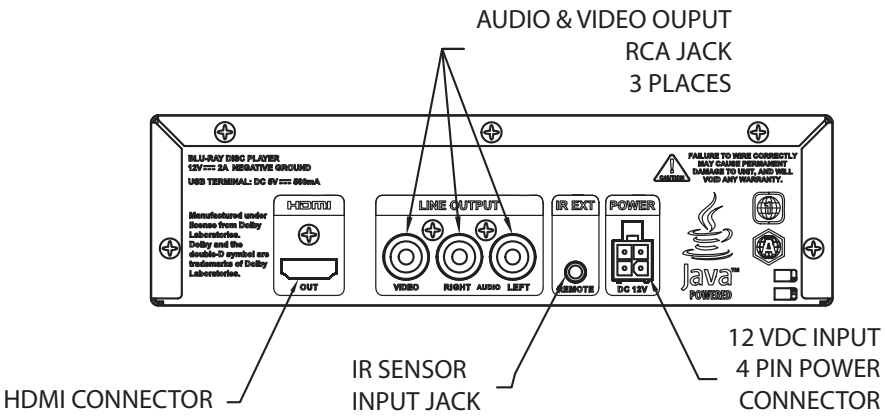
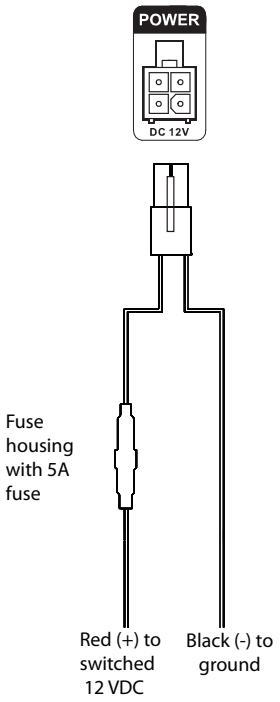
Installation



Rear Panel

Powering Your Blu-ray Player

1. Connect the black wire (-) to the vehicle ground.
2. Connect the red wire (+) to a switched (Accessory) 12 VDC source.
3. Connect the 4-pin power connector to the POWER jack on back of the player.



Notes

- When connecting power and ground in a mobile video installation ensure that the ACC wire is fused at the point where it is connected to the vehicle ACC wiring. Failure to do so can result in damage to the vehicle if a short circuit develops between the vehicle connection point and the mobile video product.

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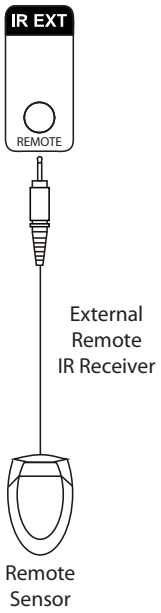
Installation

Connecting the External Remote IR Receiver

1. Plug the 1/8" plug on the External Remote IR Receiver cable into the IR EXT jack on the back of the Blu-ray player.
2. Install the REMOTE SENSOR in a location where the infrared beam will not be blocked or interrupted.



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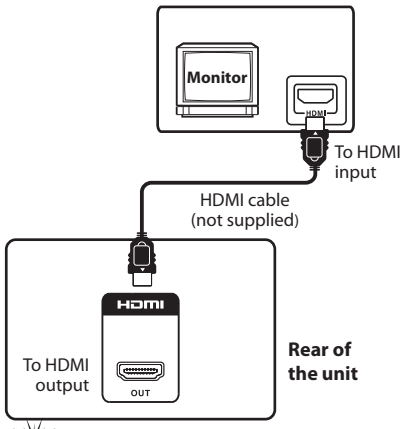
Installation

Connecting to Your Monitor

HDMI Jack

Video connections to a monitor can be done with a HDMI cable (not supplied) if your monitor has a HDMI input.

1. Turn off the power to the Blu-ray player and the monitor(s) before making any connections.
2. Connect the HDMI OUT jack on the rear of the unit to the HDMI IN jack on your monitor using a HDMI cable (not included).
3. Select the resolution of the player's HDMI output signals to match your monitor's resolution capabilities. See the instructions on page 26 for details.



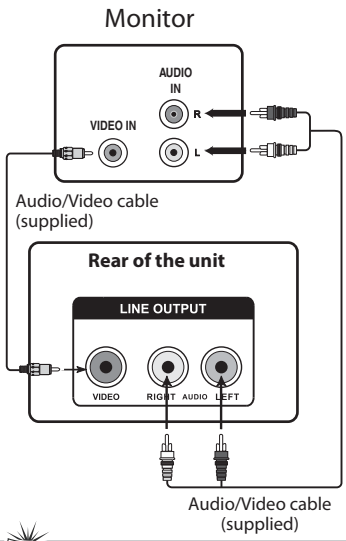
Notes

- Refer to the owner's manual of the connected monitor as well.
- HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI licensing LLC.
- If your monitor is a high definition monitor with an HDMI input, we highly recommend you use the player's HDMI output to get the highest possible video resolution.

LINE OUTPUT Jacks (Audio and Video)

Video connections to a monitor can be done with RCA-type video connections.

1. Turn off the power to the Blu-ray player and the monitor(s) before making any connections.
2. Connect the LINE OUTPUT jacks on the rear of the unit to the AUDIO/VIDEO IN jacks on your monitor using an audio/video cable (supplied).
   Match the color-coded plugs to the appropriate jacks: Yellow (video) to Yellow, White (left audio) to White, and Red (right audio) to Red.



Notes

- If one of the devices is not working, check that all the cables have been inserted properly into the jacks.
- If your component has only one input for audio (mono), connect it to the left (white L/Mono) audio jack on the monitor and don't connect the right audio part of the cable.

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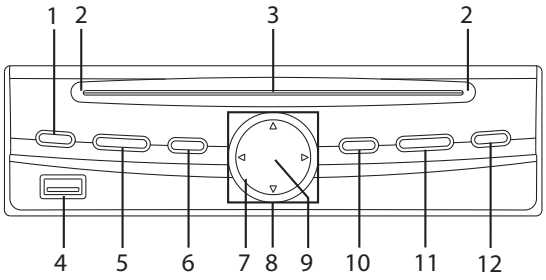
Controls and Indicators

Front Panel



1. **Power (⏻) Button**
   Press this button to turn on your player. Press and hold this button for five seconds to turn off your player.
2. **Power Indicator**
   Illuminates blue when the player is on.
3. **Disc Slot**
   Accepts Blu-ray discs, DVDs or CDs. Insert the disc into the slot with the label facing up (for a single-sided disc).
4. **USB Port**
   Connect a USB flash drive to this port.
5. **Previous (⏮) and Next (⏭) Buttons**
   Press ⏮ to go to the previous chapter (Blu-ray Disc/DVD) or track (CD).
   Press ⏭ to go to the next chapter (Blu-ray Disc/DVD) or track (CD).
6. **MENU Button**
   Press this button to access the disc menu during playback. Press this button again to resume playback.
7. **Infrared Remote Sensor**
   Detects signals from the remote control.
8. **▲, ◀, ▶, ▼ Buttons**
   Press ▲, ◀, ▶ **or** ▼ to navigate through a menu.
9. **Standby Indicator**
   Illuminates red when the player is off (standby mode).
10. **ENTER Button**
    Press this button to confirm your selection.
11. **Stop (■) and Play/Pause (⏯) Buttons**
    Press ■ to stop playback.
    Press ⏯ to start or resume playback.
    When a disc is playing, press ⏯ to pause playback.
12. **Eject (⏏) Button**
    Press ⏏ to stop playback and eject the disc.

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Remote Control Operation

Using the Remote Control

- Point the remote control at the Infrared Remote Sensor located on the player or the REMOTE SENSOR located on the External Remote IR Receiver.
- When there is a strong ambient light source, the performance of the infrared REMOTE SENSOR may be degraded, causing unreliable operation.

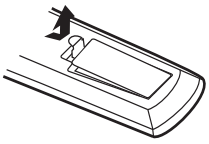
Battery Replacement

When the batteries become weak, the operating distance of the remote control is greatly reduced and you will need to replace them.

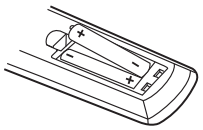
Caution: Danger of explosion if batteries are incorrectly replaced. Replace only with the same or equivalent type.

To Install Batteries:

1. Open the battery door.



2. Insert two AAA batteries. Make sure that the proper polarity (+ or -) is observed.



3. Close the door.

Notes

- If you are not using the remote control for a long period of time, remove the batteries.
- Do not mix different types of batteries or new and old batteries.
- Do not use rechargeable batteries.

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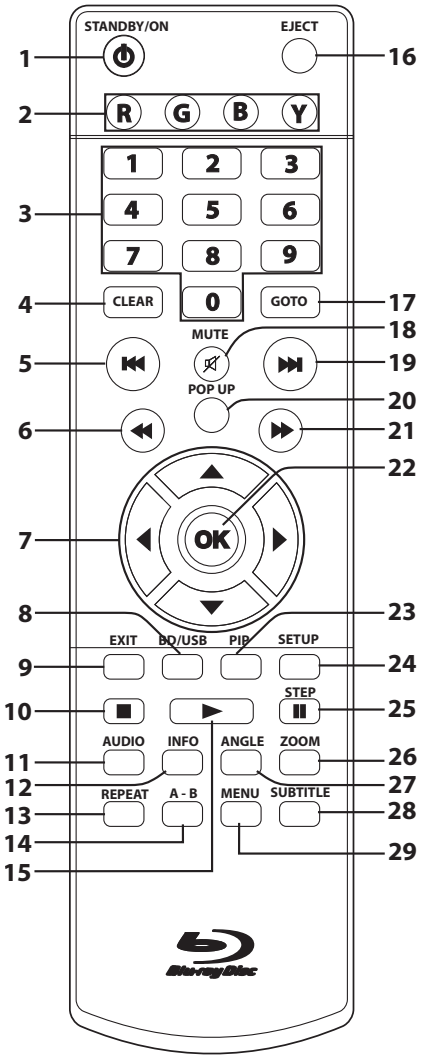
Remote Control Operation

Remote Control



1. **STANDBY/ON (⏻) Button**
   Press this button to turn on your player. Press and hold this button for five seconds to turn off your player (standby mode).
2. **R (red), G (green), B (blue), Y (yellow) Buttons**
   When playing a Blu-ray Disc that has a Java application, press **R**, **G**, **B** or **Y** to control playback. For more information, see the documentation that came with the Blu-ray Disc.
3. **Number Buttons**
   Press the number buttons to input a number or select a track, a chapter, etc.
4. **CLEAR Button**
   Press this button to clear an input.
5. **Previous(⏮) Button**
   Press this button to go to the previous chapter (Blu-ray Disc/DVD) or track (CD).
6. **Fast Reverse (◀◀) Button**
   Press this button repeatedly for fast reverse playback. The available speeds are 2X, 4X, 8X, 16X, and 32X.
7. **▲, ◀, ▶, ▼ Buttons**
   Press **▲, ◀, ▶ or ▼** to navigate through a menu.
8. **BD/USB Button**
   Press this button to select BD (Blu-ray Disc) or USB mode. You must stop BD or USB playback prior to switching modes.
9. **EXIT Button**
   Press this button to return to the previous menu.
10. **Stop (■) Button**
    Press this button to stop playback.
11. **AUDIO Button**
    Press this button repeatedly to select the audio languages available on the disc.

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Remote Control Operation

12. INFO Button
Press this button to access the Information Menu.

13. REPEAT Button
Press this button to repeat a chapter or title of a BD/DVD. This function may not be available on some Blu-ray discs.
Press this button to repeat a chapter, title or all.

14. A-B Button
Performs point-to-point repeat playback on a BD/DVD. Press to repeat a specific section of a disc. Press this button to mark down the starting point (A) and press it again to mark down the ending point (B). The unit will play back this section over and over again. Press this button a third time to cancel A-B repeat and resume normal playback.
This function may not be available on some Blu-ray discs.

15. Play (►) Button
Press this button to start or resume playback.

16. Eject Button
Press this button to stop playback and eject the disc.

17. GOTO Button
Press this button to search for a title, chapter, track or angle.

18. MUTE Button
Press this button to mute / unmute the audio.

19. Next (▶▶I) Button
Press this button to go to the next chapter (BD/DVD) or track (CD).

20. POP UP Button
During Blu-ray Disc playback, press this button to open a pop-up menu that lets you control Blu-ray Disc playback.
During DVD playback, press this button to open the DVD title menu (if available).

21. Fast Forward (▶▶) Button
Press this button repeatedly for fast forward playback. The available speeds are 2X, 4X, 8X, 16X, and 32X.

22. OK Button
Press this button to confirm your selection.

23. PiP Button
Press this button to turn PiP (picture in picture) mode on or off. This function is only available to Blu-ray discs if available on disc.

24. SETUP Button
Press this button to enter the Home (Setup) Menu when the player is in full stop mode.

25. STEP (II) Button
Press this button to pause playback. Press this button again to advance to the next frame.

26. ZOOM Button
Press this button to zoom in to a scene. The available zoom ratios are 2x, 3x, and 4x. When you are zoomed in, you can use the direction buttons to move (pan) the zooming center.

27. ANGLE Button
Press this button to access the camera angle function for multi-angle BD/DVD discs, if available on disc.

28. SUBTITLE Button
Press this button to select one of the subtitle languages programmed on a BD/DVD.

29. MENU Button
Press this button to access the disc menu during playback. Press the button again to resume playback.

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Playing a Blu-ray Disc or DVD

Basic Playback (Blu-ray Disc or DVD)

To Play a BD/DVD:

1. Turn on your monitor.
2. Press the **STANDBY/ON (⏻)** button on the remote control or the **POWER (⏻)** button located on the player's front panel. The blue LEDs on both sides of the disc slot illuminate.
3. Insert a disc label-side up into the disc slot. The disc will load automatically and begin to play.
   If the disc menu appears, select the Play option and press the **OK** button to begin playback.
4. To eject the disc, press the ⏏ button on the front panel or the **EJECT** button on the remote control.

Playback

- To start playback, press the ▶ button.

Pause

- To pause playback, press the ▶II button on the front panel or the **STEP** (II) button on the remote control.
- To resume normal playback, press the ▶ button.

Frame Advance

- Press the **STEP** (II) button on the remote control twice. The step forward (II▶) symbol is displayed.
- Each time you press the **STEP** (II) button, the video advances by one frame.
- Press the ▶ button to resume normal playback.

Stop

- Press the ■ button to stop playback.
- The player stores the point where playback was interrupted.
  BD playback - If you press the ▶ button, you will be asked to resume playback. Select "Yes" to resume or "No" to return to the disc menu.
  DVD playback - If you press the ▶ button, playback resumes from the point it was interrupted.
- To stop playback completely or to start again from the beginning, press the ■ button twice.

Note

- When you leave the player in stop mode for more than 20 minutes, the screen saver is activated if you set the Screen Saver to On. At the end of 30 minutes without any user interaction, the player switches off automatically.

Accelerated Play

- To fast-forward, press the ▶▶ button.
- To fast-reverse, press the ◀◀ button.
- Each time you press one of these buttons, the fast-forward or fast-reverse speed increases from 2X, 4X, 8X, 16X to 32X.
- Press the ▶ button to resume normal playback.

Changing the Chapter/Title

- Press the **Previous** (⏮) button to skip to the start of the current chapter or skip to previous chapters.
- Press the **Next** (⏭) button to skip to the beginning of the next chapter.

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Playing a Blu-ray Disc or DVD

Zoom

- While a disc is playing, press the **ZOOM** button until you reach the zoom size you want. Each time you press the **ZOOM** button, the magnification level changes as follows:

  Zoom 2x → Zoom 3x → Zoom 4x

- To move from one area to another (pan), use the ▲, ▼, ◀ or ▶ buttons.
- When the magnification is at 4x, press the **ZOOM** button to return the video to its original size.

Notes

- The ZOOM feature may not be available on some discs.
- "⊘" will be displayed if the function you select is not available.

Displaying Disc Information

- Press the **INFO** button. Your player displays information about the disc, such as type of disc, elapsed time of the current title, title number, chapter number, audio format, and subtitle language.
- Press the **INFO** button again to exit.

Notes

- The information displayed for discs other than Blu-ray Discs will be different.
- "⊘" will be displayed if the function you select is not available.

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Playing a Blu-ray Disc or DVD

Special Functions

Repeating a Title or Chapter

- Press the **REPEAT** button one or more times to select a repeat mode. This function may not be available on some Blu-ray discs.
  Options: Repeat Chapter, Repeat Title (TT), Repeat All, Repeat Off

Using Picture-in-Picture (PIP) Mode

Some Blu-ray Discs are compatible with picture-in-picture (PiP) mode. In PiP mode, the primary video is displayed on the full screen, and the secondary video is displayed in a small window.

- Press the **PiP** button to turn PiP mode on or off.

Note

- Some discs allow you to turn PiP on/off only via the disc menu.

Using a Disc Popup Menu

1. During Blu-ray or DVD playback, press the **POP UP** button. The Blu-ray popup menu or the title menu of DVD disc opens.
2. Press the ▲, ▼, ◀ or ▶ buttons to select an option, then press the **OK** button.
3. Press the **POP UP** button again to exit the popup menu.

Selecting the Audio Mode

1. Press the **AUDIO** button. Your player displays the disc's audio channel information, such as **1/3 English Dolby Digital 2 CH**.
2. Press the **AUDIO** button repeatedly to select the desired audio language.

Selecting Subtitles

You can select a subtitle language from those included on the BDs or DVDs.

Press the **SUBTITLE** button on the remote control repeatedly to select your desired language.

Selecting the Camera Angle (Blu-ray Disc and DVD)

Some discs offer different camera angles for specific scenes. To change the camera angle:

1. While you are playing a disc with different angles recorded, press the **ANGLE** button to view the number of current angles available.
2. Press the **ANGLE** button repeatedly to change the scene to the next angle in those recorded.

- This function can only be used for discs on which scenes shot from multiple angles have been recorded.
- If only one angle is recorded, "⊘" is displayed.

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Playing a Blu-ray Disc or DVD

Locating a Desired Section

Locating a specific time in a DVD or Blu-ray Disc

1. Press the **GOTO** button.
2. Press the the **OK** button. The hour is highlighted in yellow.

3. Press the ◀ or ▶ buttons to move the cursor to the hour, minute or second.

- The first two numbers represent hours.
- The second two numbers represent minutes.
- The third two numbers represent seconds.

4. Press the ▲ or ▼ buttons or the corresponding number buttons (1-9) for the time you want, then press the **OK** button to confirm. Playback starts from the selected time.

Locating a specific chapter in a DVD or Blu-ray Disc

1. Press the **GOTO** button.
2. Press the ◀ or ▶ button to move the cursor to the chapter, then press the **OK** button. The chapter is highlighted in yellow.

3. Press the ▲ or ▼ button or the corresponding number buttons (1-9) for the chapter you want, then press the **OK** button to confirm. Playback starts from the selected chapter.

Locating a specific title in a DVD or Blu-ray Disc

1. Press the **GOTO** button.
2. Press the ◀ or ▶ button to move the cursor to the title, then press the **OK** button. The title is highlighted in yellow.

3. Press the ▲ or ▼ button or the corresponding number buttons (1-9) for the title you want, then press the **OK** button to confirm. Playback starts from the selected title.

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Playing an Audio CD

Basic Playback (Audio CD)

To Play an Audio CD:

1. Press the **STANDBY/ON (⏻)** button on the remote control or the **POWER (⏻)** button located on the player's front panel. The blue LEDs on both sides of the disc slot illuminate.
2. Insert a disc label-side up into the disc slot. The disc will load automatically and begin to play.
3. To eject the CD, press the ⏏ button on the front panel or the **EJECT** button on the remote control.

Playback:

- To start playback, press the ▶ button.

Pause

- To pause playback, press the ▶II button on the front panel or the **STEP** (II) button on the remote control. The sound is muted when your unit is in pause mode. To resume normal playback, press the ▶ button.
- To stop playback completely, press the ■ button. To start playback again, press the ▶ button.

Accelerated Play

- To fast-forward, press the ▶▶ button.
- To fast-reverse, press the ◀◀ button.
- Each time you press one of these buttons, the fast-forward or fast-reverse speed increases from 2X, 4X, 8X, 16X to 32X.
- To resume normal playback, press the ▶ button.

Changing the Track

- Press the ⏮ button to skip to the start of the current track or skip to previous tracks.
- Press the ⏭ button to skip to the beginning of the next track.

Repeating a CD Track

- Press the **REPEAT** button one or more times to select a repeat mode. Options: Repeat Once, Repeat All, Repeat Off.

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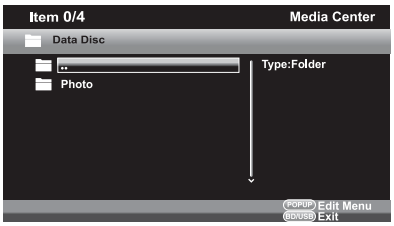
Playing Picture Files

Basic Playback (Picture Files)

This unit can play picture files stored on Blu-ray Disc (BD), USB flash drives, CD-R/CD-RW, DVD+R/-R or DVD+RW/-RW discs.

To Play Picture Files (JPEGs) from a USB Flash Drive:

1. Insert the USB drive containing JPEG files.
2. If a BD, DVD or CD is playing, stop playback of the disc.
3. Press the **BD/USB** button. The Media Center Menu appears on the monitor screen.



4. Use the ▼ button to highlight USB1. Press the **OK** button to select the USB folder.
5. Press the ▼ button to select the Photo folder and press the **OK** button.
6. Press the ▲ or ▼ button to select a file (or a folder) and press the **OK** or ► button to start playback. If you selected a folder, the files in this folder are displayed. Press the ▲ or ▼ button to select a file and press the **OK** or ► button to start playback.
7. Press press the ■ button to stop playback.
8. Press press the ◄ button to return to the Media Center Menu
9. Remove the USB drive when you are finished

Notes

- You can press the corresponding number buttons (0-9) to select the photo you want.
- The player does not support USB hard disc mass storage devices, multi-card readers, and other USB computer peripherals.
- Do not disconnect the USB flash drive when you are playing files, it may corrupt the data.
- If you cannot easily insert the USB flash drive, you may have inserted it incorrectly. Try to turn over the USB device and insert it again.

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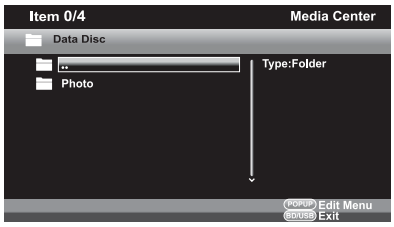
Playing Picture Files

To Play Kodak Picture CDs:

1. Insert a Kodak Picture CD label-side up into the disc slot. The disc will load automatically and begin to play.
2. Press the ■ button on the remote control to enter to enter the thumbnail mode to preview the pictures.
3. In the thumbnail mode, press the ▲, ▼, ◀ or ▶ cursor button to select a picture, then press the **OK** or ► button to start the playback from the selected picture.
4. Press the ◀ or ▶ button to rotate a picture. Press the ▲ or ▼ button to flip a picture.
5. Press the **EJECT** button to stop playback and eject the disc.

To Play Picture Files (JPEGs) from a Disc:

1. Insert a CD label-side up into the disc slot. The Media Center Menu appears on the monitor screen.



2. Press the ▼ button to select the Photo folder and press the **OK** button.
3. Press the ▲ or ▼ button to select a file (or a folder) and press the **OK** or ► button to start playback. If you selected a folder, the files in this folder are displayed. Press the ▲ or ▼ button to select a file and press the **OK** or ► button to start playback.
4. Press press the ■ button to stop playback.
5. Press press the ◀ button to return to the Media Center Menu.

Viewing Files

Play / Pause:

- Press the **STEP** (❚❚) button to pause playback. Press the ► button to resume playback.

Skip to the Previous/Next Picture:

- Press the **Previous** (⏮) button to skip to the previous picture during playback.
- Press the **Next** (⏭) button to skip to the next picture during playback.

Picture Rotation:

- During playback, press the ◀ or ▶ button to rotate a picture on the monitor screen. Press the ▲ or ▼ button to flip a picture.

Zoom In / Out:

- Press the **ZOOM** button until you reach the zoom size you want. Each time you press the **ZOOM** button, the magnification level changes as follows:
  Zoom 2x → Zoom 3x → Zoom 4x
- When the picture is zoomed in, move from one area to another (pan) using the ▲, ▼, ◀ or ▶ buttons.
- When the magnification is at 4x, press the **ZOOM** button to return the picture to its original size.

Slide Show Speed

- Press the ▶▶ or ◀◀ button to increase or decrease the slide show speed. Options: Slow, Medium, and Fast.

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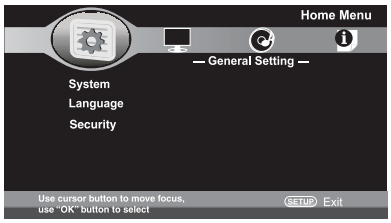
The Home (Setup) Menu

The Home (Setup) Menu allows you to personalize the player's settings to your preference. Once the initial settings are set, they are retained in the player's memory until modified.

General Setting Menu

1. Press the **SETUP** button while in full stop mode. The Home Menu appears.
2. Press the ◀ or ▶ button to select the General Setting Menu.



3. Press the ▼ button to enter the sub-menus.
4. When finished with your menu selections, press the **SETUP** button to exit.

System Sub-Menu

1. In the General Setting menu, press the ▲ or ▼ button to select System.
2. Press the ▶ button and press the ▲ or ▼ button to select a setting, then press the **OK** button.
3. Press the ▲ or ▼ buttons to select the desired option, and then press the **OK** button to confirm your selection.
4. Press the ◀ button to go to the previous menu.

Settings

Screen Saver

This Blu-ray disc player has a screen saver feature when your player is inactive. You can set it to On or Off to turn on/off the screen saver.

When you leave the unit in stop mode for more than 20 minutes, the screen saver of the unit automatically appears if you set the Screen Saver to On mode.

Restore Default Settings

If you choose OK in the prompt message box and press OK button, all settings will be restored to the factory defaults.

Upgrade

Visit the Audiovox Web site (www.audiovoxproducts.com) for information on available upgrades.

Easy Setup

1. In the System menu of General Settings, press the ▶ button, then press the ▲ or ▼ button to select Easy Setup, and then press the **OK** button.
2. The Settings Wizard launches. Follow the on-screen instructions to customize the following settings to your preference:

- Player Menu
  Options: English, French or Spanish
- HDMI Resolution
  Options: Auto, 480i, 480p, 720p, 1080i or 1080p
- TV Screen
  Options: 16:9 Full, 16:9 Pillarbox, 4:3 Pan & Scan or 4:3 Letterbox

3. After customizing your settings, press the **OK** button to confirm and exit Easy Setup.

Note

- When the player is turned on for the first time or after resetting it to the factory default, the Easy Setup menu will pop up. Please follow above steps to finish the setup.

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The Home (Setup) Menu

Language Sub-Menu

1. In the General Setting menu, press the ▲ or ▼ button to select Language.
2. Press the ▶ button and press the ▲ or ▼ button to select a setting, then press the **OK** button.
3. Press the ▲ or ▼ buttons to select the desired option, and then press the **OK** button to confirm your selection.
4. Press the ◀ button to go to the previous menu.

Settings

Player Menu

This setting allows you to select the preferred on-screen display language.

Options: English, French or Spanish.

Disc Menu

This setting allows you to select the preferred disc menu language.

Options: English, French or Spanish.

Audio

This setting allows you to select the preferred audio language.

Options: English, French or Spanish.

Subtitle

This setting allows you to select the preferred subtitle language.

Options: Off, English, French or Spanish.

Notes

- If the selected language is not available on a disc, the disc's language will be used instead.
- If the language chosen is available, it is automatically selected when you display the subtitles or press **SUBTITLE** button on the remote control. Otherwise, the subtitle language indicated on the disc is selected.

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The Home (Setup) Menu

Security Sub-Menu

1. In the General Setting menu, press the ▲ or ▼ button to select Security.
2. Press the ▶ button and press the ▲ or ▼ button to select Change Password or Parental Control, and then press the **OK** button.
3. Follow the prompts as described below.

Settings

Change Password

A new password can be set to replace the default password. The default password is 3308.

1. Select Change Password as described above.
2. Enter the current password (a 4-digit number).
3. Enter a new 4-digit password in the "New password" row. The password is set.
4. Enter the new 4-digit password again in the "Confirm password" row. The password is set.

Notes

- You may reset the password if you forgot the old password by using the default password: 3308.
- The default password is 3308. This password is always active even after you have selected your own password and changed it. To avoid the possibility of others using the default password to change the password or set the parental code, record the default password in another area and delete it from this manual.

Parental Control

This player has a built-in parental control lock feature to prevent unauthorized persons from viewing restricted disc content. Parental controls allow you to limit the content of movie playback from Kid Safe to Adult. By default, the parental lock is off. Once set up, the parental lock is released only by entering the correct password or by following the instructions provided by the disc.

1. Select Parental Control as described above.
2. Enter the current password (a 4-digit number).
3. Press the ▲ or ▼ button to select the rating level you want to block, and then press the **OK** button. The selected rating and all higher ratings will be blocked. You can select the following:

Off

KID SAFE	Suitable for all children.
G	General audiences.
PG	Parental guidance suggested.
PG-13	Not suitable for anyone under 13.
PGR	Parental guidance recommended.
R	Not suitable for anyone under 17 unless supervised by a parent or adult guardian.
NC-17	Not suitable for anyone under 17.
ADULT	All Blu-ray™ Discs and DVDs can be played.

4. Press the **OK** button to set the parental level.

Note

- The parental lock feature may not be available on some discs.

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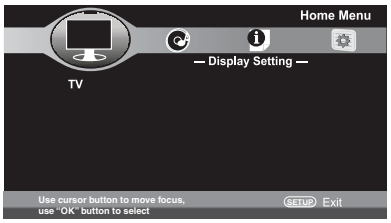
The Home (Setup) Menu

Display Setting Menu

1. Press the **SETUP** button while in full stop mode. The Home Menu appears.
2. Press the ◀ or ▶ button to select the Display Setting Menu



3. Press the ▼ button to enter the sub-menus.
4. When finished with your menu selections, press the **SETUP** button to exit.

TV Sub-Menu

1. In the Display Setting menu, press the ▼ button to select TV.
2. Press the ▶ button and press the ▲ or ▼ button to select a setting, then press the **OK** button.
3. Press the ▲ or ▼ buttons to select the desired option, and then press the **OK** button to confirm your selection.
4. Press the ◀ button to go to the previous menu.

Settings

TV Screen

Depending on the type of monitor you have, you may want to adjust the screen size setting. The options available are: 16:9 Full, 16:9 Pillarbox, 4:3 Pan and Scan, and 4:3 Letterbox.

16 : 9 Full:
High-definition 16:9 formatted video will be displayed correctly on a wide-screen TV (most modern TVs).

16 : 9 Pillarbox:
The video will be "squeezed" between two vertical columns on the TV screen. This will cause standard definition 4:3 video to be displayed correctly on an wide-screen TV, but will distort 16:9 video.

4 : 3 Pan and Scan:
When high-definition 16:9 video is played, this mode clips the right and left sides of the video so that it can be viewed with the correct aspect ratio on an older analog TV that has 4:3 aspect ratio. This setting will distort video played on a wide-screen TV.

Some wide-screen DVDs that do not permit Pan Scan mode playback are automatically played in letterbox mode (black bands that appear at the top and bottom of the screen).

4 : 3 Letterbox:
When high-definition 16:9 video is played in this mode on an analog 4:3 aspect-ratio TV, black bands appear at the top and bottom of the screen.

This will cause high-definition 16:9 video to be displayed correctly on a 4:3 screen but will distort standard-definition 4:3 video displayed on a 4:3 screen, and will distort video played on a wide screen TV.

Notes

- The displayable picture size is preset on the DVD. Therefore the playback picture of some DVDs may not conform to the picture size selected.
- If your TV is 16:9 wide-screen (most modern TVs are) , then choose either "16:9 Full" or "16:9 Pillarbox". If your TV is 4:3 (an older analog TV), then choose "4:3 Pan and Scan" or "4:3 Letterbox".

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HDMI Resolution

You can define the video output resolution in this option. The options available are: Auto, 480i, 480p, 720p, 1080i, and 1080p. The number indicates the number of lines of video per frame. The i and p indicate interlaced and progressive scan, respectively. The more lines, the higher the quality.

Note

- This setting only applies if the HDMI output is used.

Auto:
Select if your TV is a high-definition TV (HDTV), is connected to the HDMI jack on your player, and you want your player to set the output resolution based on information exchanged between the TV and your player over the HDMI cable.

480i:
Select if your TV is a standard-definition NTSC (analog) TV.

480p:
Select if your TV is an enhanced-definition TV (EDTV).

720p:
Select if your TV is a high-definition TV (HDTV) capable of 720p only.

1080i:
Select if your TV is a high-definition TV (HDTV) capable of 1080i only.

1080p:
Select if your TV is a high-definition TV (HDTV) capable of 1080p (any frame rate) connected to the HDMI jack on your player.

HDMI 1080P 24Hz

Movies are recorded on film at a rate of 24 pictures (frames) per second. Many of the movies are recorded to Blu-ray Discs at this frame rate. However, not all TVs can display 24 progressive frames/second of video. If the TV cannot display this frame rate, you need to turn off HDMI 1080P 24Hz.

Notes

- Selecting a resolution your TV does not support could result in an unstable picture or loss of the picture. See the documentation that came with the TV to find the resolutions the TV supports.
- Only the HDMI output on your player supports 1080p video output at any frame rate.

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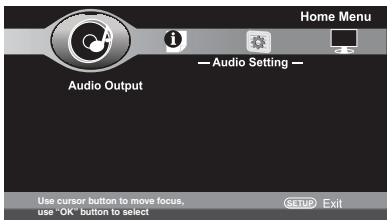
The Home (Setup) Menu

Audio Setting Menu

1. Press the **SETUP** button while in full stop mode. The Home Menu appears.
2. Press the ◀ or ▶ button to select the Audio Setting Menu.



3. Press the ▼ button to enter the sub-menus.
4. When finished with your menu selections, press the **SETUP** button to exit.

Audio Output Sub-Menu

1. In the Audio Setting menu, press or button to select Audio Output.
2. Press the ▶ button and press the ▲ or ▼ button to select a setting, then press the **OK** button.
3. Press the ▲ or ▼ buttons to select the desired option, and then press the **OK** button to confirm your selection.
4. Press the ◀ button to go to the previous menu.

Settings

HDMI

Raw Disc Format:
The disc's raw (native) audio format will be output over HDMI.

PCM:
Select when the player is connected to a multi-channel digital stereo amplifier via HDMI.

Dynamic Range

Dynamic Range allows you to make the loud parts of a movie's audio track quieter than they would be in the theatre, without making the dialog of the actors any quieter.

This would be useful, for instance, when you want to watch a movie in the evening when others might be sleeping.

Off:
Movie soundtracks are played with the standard dynamic range.

On:
Select when movie soundtracks are played at low volume or from smaller speakers. Your player applies appropriate compression to make low-level content more intelligible and prevent dramatic passages from getting too loud.

Auto:
This option turns on the Dynamic Range Control for all BD movie soundtracks except Dolby TruHD.

System Information

1. Press the **SETUP** button to display the Home Menu while in full stop mode.
2. Press the ◀ or ▶ button to select System Information.

- The player's software version information is displayed.

3. Press the **SETUP** button to exit.

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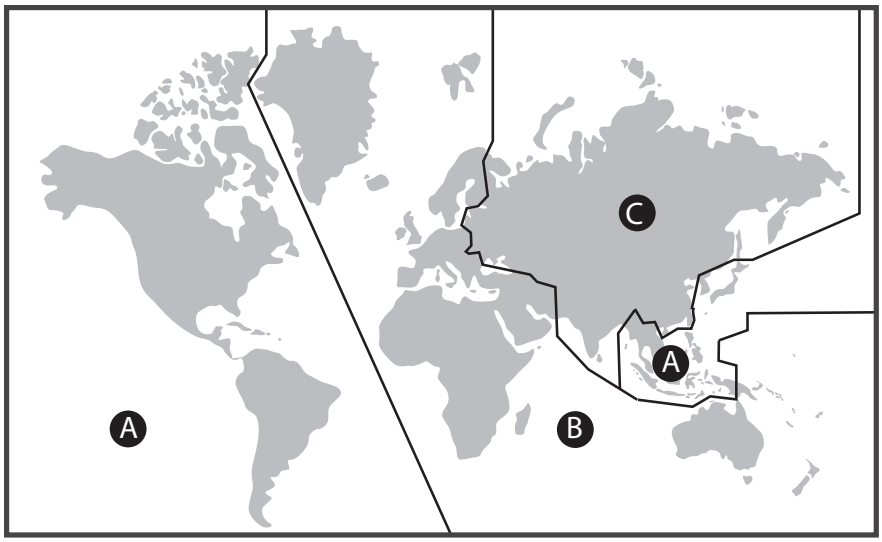
Reference

To get the optimum use out of your Blu-Ray player, please read this section completely.

Blu-Ray Region Codes

This player is preset to a region code at the factory depending on where the player is sold. Blu-ray Discs (BDs) are also coded by region. These region codes must match in order for the disc to play. If the region codes don't match, the disc won't play.

The letter inside the globe refers to region of the world. This player has been designed to play back Blu-ray Disc (BD) video encoded for region **"A"**. You cannot play back Blu-ray discs that are encoded for other regions.



Region A - USA, Canada, Central America (including Mexico), South America, Japan, Taiwan, North Korea, South Korea, Hong Kong , and South East Asia

Region B - Europe, Greenland, Middle East, Africa, Australia, and New Zealand

Region C - India, Nepal, Mainland China, Pakistan, Russia, Central Asia, and South Asia

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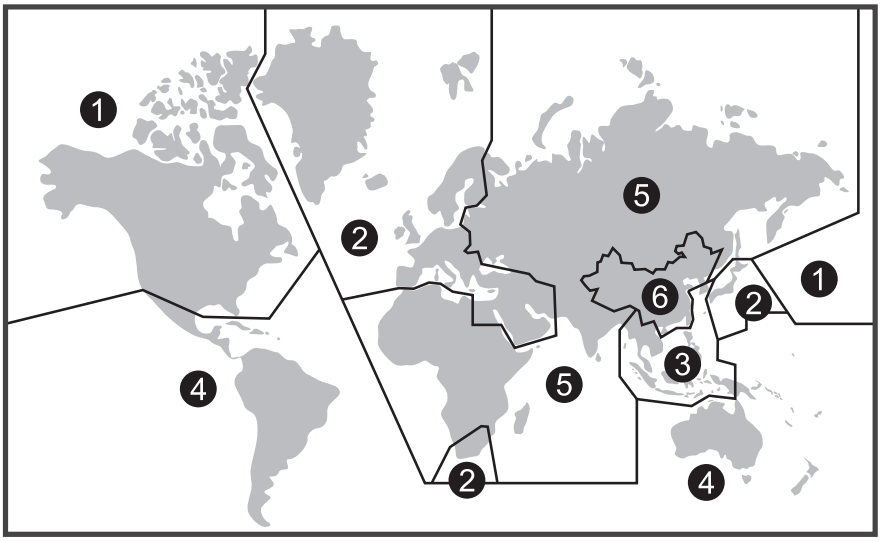
Reference

DVD Region Codes

This player is preset to a region code at the factory depending on where the player is sold. DVDs are also coded by region. These region codes must match in order for the disc to play. If the region codes don't match, the disc won't play.

The letter inside the globe refers to region of the world. This player has been designed to play back DVD video encoded for region **"1"**. You cannot play back DVDs that are encoded for other regions.



Region 1 - USA, Canada

Region 2 - Japan, Europe, South Africa, Middle East, Greenland

Region 3 - S. Korea, Taiwan, Hong Kong, Parts of South East Asia

Region 4 - Australia, New Zealand, Latin America (including Mexico)

Region 5 - Eastern Europe, Russia, India, Africa

Region 6 - China

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Reference

Compatible Formats

In order to ensure playback, discs must conform with BD, DVD or CD standards. This unit may not play some recordings or files due to differences in recording formats, software used, and disc types.

BD-ROM

BD-ROMs (Blu-ray Disc Read-Only Memory) are commercially produced discs and are available in the same capacities as BD below. Other than conventional movie and video contents, these discs have enhanced features such as interactive content, menu operations using pop-up menus, selection of subtitle display, and slide show. Although a BD-ROM may contain any form of data, most BD ROM discs will contain movies in High Definition format, for playback on Blu-ray Disc players.

Blu-ray Disc (BD)

A disc format developed for recording/ playing high-definition (HD) video (for HDTV, etc.), and for storing large amounts of data. A single layer Blu-ray Disc holds up to 25 GB of data, and a dual-layer Blu-ray Disc holds up to 50 GB of data.

DVD-Video

Digital video discs - 12 cm, single or double sided, single or dual layer. DVDs are high density optical discs on which high quality picture and audio are recorded by means of digital signals.

DVD-R, DVD-RW, DVD+R, DVD+RW

Most DVD-R and DVD+R (one recording only), DVD-RW and DVD+RW discs (rewritable), depending on the DVD writer and discs used.

Recordings using DVD-R and DVD-RW discs must be made in Video DVD mode. Recordings using DVD+RW discs must be made in accordance with the specifications for DVD+RW discs with a 4.7 GB capacity.

Audio CDs

Audio CDs (12 cm).

CD-R, CD-RW

Most CD-R (one recording only) and CD-RW discs (rewritable).

CD-Rs written during a multisession recording can be played, provided that the session has ended before the disc is played (depending on the write software).

However, depending on the condition of the CD-writer, computer, and the disc used, you may find that not all discs will play. When playing a CD-R disc, it is normal for the unit to take up to 60 seconds to recognize the disc before starting to play.

If the disc is not recognized after a period of 120 seconds, remove the disc, and insert it again.

- Do not use its full capacity.
- CD-Rs should be preferably used instead of CD-RWs (rewritable CDs) as, in certain cases, CD-RW playback may be faulty.
- Use reliable, good-quality CD write software.
- Close all other applications on the computer to ensure reliable CD-R disc recording.

JPEG Files

CD-R and CD-RW with JPEG files. Certain JPEG files, including progressive JPEG files, cannot be read by this unit.

The total number of files and folders on the disc should be less than 650. Make sure that files have the ".jpg" extension. Files without the ".jpg" extension will not be able to be read by the unit - even though the files are shown as JPEG images on your computer.

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8312 Sidbury Rd.; Wilmington, NC 28411 - (800) 507-0482 / (910) 686-4281

Reference

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DVD copy protection

In accordance with the DVD standard, your player is equipped with a Copy Protection system, which can be switched on and off by the DVD disc itself, in order to make any recording of the relevant DVD disc onto a videotape of very poor picture quality, or even impossible.

This product incorporates copyright protection technology that is protected by method claims of certain U.S. patents and other intellectual property rights owned by Rovi Corporation and other rights owners. Use of this copyright protection technology must be authorized by Rovi Corporation, and is intended for home/mobile use only unless otherwise authorized by Rovi Corporation.

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Specifications

BD Video Format	1080 pixel (horizontal) x 1920 pixel (vertical)
DVD Video Format	720 pixel (horizontal) x 480 pixel (vertical)
HDMI Output	Single Type A, 1.2a compliant
Video Output	1.0 Vp-p / 75 Ohm
Audio Output	1.2 V to 1.8 V
Signal-to-Noise Ratio	More than 60 dB
Harmonic Distortion	Less than 60 dB
Dynamic Range	More than 70 dB
Power Source	12 VDC
Power Consumption	Less than 1 Watt in stand-by mode and less than 15 Watts in use
USB 2.0 Compatible	Supports flash stick type devices (≤500mA), FAT32/16 file system, max capacity 32GB (Hard Disks and other computer peripherals are not supported.)
Dimensions	
AVDBR1 Mounting Dimensions	
Chassis Width	7.053″
Chassis Height	2.0981″
Chassis Depth	7.50″
Chassis Depth with RCAs and Harness	8.25″
Remote Control Dimensions	
Width	2.068″
Height	7.535″
Depth	0.77″
Weight	
Net Weight	2 lbs
Package Weight	4 lbs

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Troubleshooting

Problem	Solution
The player does not switch on.	• Make sure the power wires are properly connected. • Make sure the fuse has not blown. If the fuse has blown, check for short circuits. Replace the fuse with a fuse of the same rating. • Press the **STANDBY/ON** button on the remote control or the **Power (⏻)** button on the front of the unit.
The player switches off spontaneously.	• The player will switch off automatically if it remains idle and there is no user interaction for 30 minutes. Switch it on again.
Blu-ray Disc or DVD does not play.	• Make sure that the disc has the correct region code. • Some Blu-ray discs will only play over an HDMI connection. • It may be impossible to read the disc. • Insert the disc with the printed side facing up. • Check that the disc can actually be played by this device. • Clean the disc.
Picture-in-Picture (PiP) does not work on a Blu-ray Disc.	• Make sure that the disc supports PiP mode.
There is no picture.	• Check that the monitor is operating correctly. • Check the connections. • Replace the HDMI cable with a better one. A bad HDMI cable can cause loss of video.
The picture is of poor quality (with snow or lines).	• Check the connections.
There is no sound or the sound is of poor quality.	• Check the connections. • Make sure the speakers are connected. • Make sure the MUTE function is not on.
A file can't be found in the JPEG listing.	• Make sure the file name is valid.
The remote control does not work or works only intermittently.	• Check that batteries are properly inserted. • The batteries are discharged. Change them. • Aim the remote control at the player or the External Remote IR Receiver. The infrared beam must not be blocked or interrupted.
The subtitles do not appear.	• Check that the BD/DVD disc provides subtitles. • Refer to the section on how to display subtitles.
The disc menu language is not the correct one.	• The language of your choice is not available on the disc.
" ⊘ " is displayed.	• The feature or action is not available.

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12 MONTH LIMITED WARRANTY

Applies to Audiovox Mobile Video Products

AUDIOVOX ELECTRONICS CORP. (the Company) warrants to the original retail purchaser of this product that should this product or any part thereof, under normal use and conditions, be proven defective in material or workmanship within 12 months from the date of original purchase, such defect(s) will be repaired or replaced with reconditioned product (at the Company's option) without charge for parts and repair labor. A game controller, if supplied, is similarly warranted for ninety (90) days.

To obtain repair or replacement within the terms of this Warranty, the product is to be delivered with proof of warranty coverage (e.g. dated bill of sale), specification of defect(s), transportation prepaid, to the Company at the address shown below.

This Warranty does not extend to the elimination of externally generated static or noise, to correction of antenna problems, to costs incurred for installation, removal or reinstallation of the product, or to damage to digital memory/media devices, gaming devices, discs, speakers, accessories, or vehicle electrical systems.

This Warranty does not apply to any product or part thereof which, in the opinion of the Company, has suffered or been damaged through alteration, improper installation, mishandling, misuse, neglect, accident, or by removal or defacement of the factory serial number/bar code label(s). THE EXTENT OF THE COMPANY'S LIABILITY UNDER THIS WARRANTY IS LIMITED TO THE REPAIR OR REPLACEMENT PROVIDED ABOVE AND, IN NO EVENT, SHALL THE COMPANY'S LIABILITY EXCEED THE PURCHASE PRICE PAID BY PURCHASER FOR THE PRODUCT.

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