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Safety Information

CAUTION: Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

1. Read All Instructions - All safety and operating instructions should be read before attempting to operate this product.

2. Heed Warnings - All warnings on the product and in the operating instructions should be adhered to. The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.

3. Cleaning - Disconnect power from this product before cleaning. Do not use liquid cleaners or aerosol cleaners. To prevent scratches, use only a damp cloth for cleaning LCD screen.

4. Water and Moisture - Do not use this product near water - for example, near a bath tub, sink, in a wet basement, or near a swimming pool.

5. Ventilation - Any slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the product and to protect it from overheating. These openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface.

6. Power Sources - This product should be operated only from the type of power source indicated on the marking label.

7. Polarization - This product may be equipped with a polarized alternating-current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.

8. Power Cord Protection - Power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the product.

9. Lightning - For added protection for this product during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet. This will prevent damage to the product due to lightning and power-line surges.

10. Object and Liquid Entry - Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.
Safety Precautions
1. Servicing - Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

2. Damage Requiring Service - Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:
   a. When the power-supply cord or plug is damaged.
   b. If liquid has been spilled, or objects have fallen into the product.
   c. If the product has been exposed to rain or water.
   d. If the product does not operate normally by following the operating instructions.
   e. If the product has been dropped or damaged in any way.
   f. When the product exhibits a distinct change in performance - this may indicate a need for service.

3. Replacement Parts - When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.
   This device employs a Laser System. Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure. Make sure the device is stopped or powered down prior to opening player lid.

**CAUTION**

TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT ATTEMPT TO DISASSEMBLE OR SERVICE THIS UNIT. NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL ONLY.

Danger of explosion if battery is incorrectly replaced.
Replace only with the same or equivalent type recommended by the manufacturer.
Dispose of used batteries according to the manufacturer’s instructions
Control Locations – Master DVD Player

1. Track Down
2. Pause
3. Display
4. LCD On/Off
5. Left Speaker
6. Track Up
7. Play
8. Stop
9. Power On/Off
10. Right Speaker
11. IR Sensor
12. Open
13. Key Lock On/Off
14. 12VDC Input
15. Video Out
16. Audio Out
17. 12VDC output
18. Headphone Out
19. Volume
Control Locations – Slave DVD Player

1. Standby Indicator
2. Power Off/ AV1/ AV2
3. 12V DC input
4. AUDIO 1 Input
5. VIDEO 1 Input
6. VIDEO 2 Input
7. AUDIO 2 Input
8. Headphone Out
9. Volume
Control Locations - Remote

1. Power 14. Key #2 27. Fast Forward
2. Title 15. Key #1 28. Fast Reverse
4. Search 17. Key #5 30. 4-Way - Right
5. Zoom 18. Key #0 31. Return
6. Audio 19. Key #9 32. Key #3
7. Slow 20. Angle 33. Key #4
8. 4-Way - Up 21. Subtitle 34. Key #7
9. Menu 22. Play 35. Key #8
10. Enter 23. Stop 36. Key #+10
11. 4-Way - Left 24. Pause 37. Program
12. 4-Way - Down 25. Next 38. Repeat
The Operation of your Slave DVD player

Connections

Please use the supplied accessories for connection, otherwise may be reduce the life of the unit.

Connecting your master dvd player to your slave dvd player
1. Connect the 12VDC output connector located on the right side of the master unit to the 12VDC input on your slave unit.
2. Connect the VIDEO OUT connector located on the right side of the master unit to a VIDEO 1 input on your slave unit.
3. Connect the AUDIO OUT connector located on the right side of the master unit to an AUDIO 1 input on your slave unit.
4. Slide the Power Off / AV1 / AV2 button to AV1. The slave unit will play isochronous as the master unit.

Connecting other AV inputs to your slave dvd player
1. Connect the 12VDC output connector located on the right side of the master unit to the 12VDC input on your slave unit.
2. Connect the VIDEO OUT connector located on your other AV input to a VIDEO 2 input on your slave unit.
3. Connect the AUDIO OUT connector located on your other AV input to an AUDIO 2 input on your slave unit.
4. Slide the Power Off / AV1 / AV2 button to AV2. The slave unit will play the input signal of your AV input.

**Note:**
If no single input, the screen of the slave unit will display “NO VIDEO SIGNAL”, and then changed into blue screen. The slave unit will turn off automatically after a few minutes.
When playback normally, please do not remove the connective cables, otherwise will influence normal playback.

**Standby Indicator**
If you power on the slave dvd and no signal input, the indicator will be highlighted.

**Volume control**
Adjust the volume according to your request.

**Headphone out**
Connect the supplied headphones to the headphone output located on the right side of the unit.
Make sure the volume level is set to its minimum setting before connecting the headphones.
## The Operation of your Master DVD player

### Connections

<table>
<thead>
<tr>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Power Connections</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Home Use</strong></td>
<td>Connect the supplied AC power adapter to the 12VDC power connector located on the right side of the unit. Plug the other end into a standard wall outlet.</td>
</tr>
<tr>
<td><strong>Car Use</strong></td>
<td>Connect the supplied DC power adapter to the 12VDC power connector located on the right side of the unit. Plug the other end into a standard vehicle cigarette outlet.</td>
</tr>
</tbody>
</table>

**NOTE**: Power off the unit and any other A/V equipment before making any external Audio or Video connections.

| **Headphone Connections** | Connect the supplied headphones to the headphone output located on the right side of the unit. Make sure the volume level is set to its minimum setting before connecting the headphones. |

**Please use the supplied accessories for connection, otherwise may be reduce the life of the unit.**
Quick-Start Guide

Inserting a Disc
Press the OPEN button on the left side and gently lift the lid. The lid opens to a maximum 90 degrees. Do not open it any further - as severe damage may occur. Align the center of the disc with the center of the spindle guide. Press gently down on the center of the disc to snap it into place, then gently close the lid until a click is heard.

Power On
Press the POWER button on the main unit for more than 2 seconds to turn the unit on, when the unit is off.

Playback Start
Press the PLAY button. In general, the DVD will start playing automatically when the power is turned on. The DVD player will immediately start rendering the DVD program.

“ бо ” may appear on the display during operation.

“ бо ” means that feature or operation is not permitted by the DVD video player at this time.

Playback Stop
Press the STOP button momentarily. The unit will return to the start-up logo.

Power Off
When the unit is on, press POWER for more than 2 seconds to turn the unit off.

Automatic Power Off
The unit will automatically enter screen saver mode (if activated) after approximately 3-1/2 minutes of no activity. The unit will also automatically power off after approximately 10 minutes of no activity.
Note: The unit will resume playback from the beginning of the DVD when POWER is turned on.
Quick-Start Guide

Using the Remote Control

Remove the clear plastic separator from the battery compartment before using the remote control. When replacing the battery, use only a 3 volt Lithium CR2025 or equivalent.

Point the remote at the IR sensor located on the front of the main unit. The operating distance is up to 20' away from the main unit within 60° of the IR sensor.
General Operation - DVD Setup Menu

Access DVD Setup Menu

Using the remote, press SETUP to access DVD setup menu. Press ▼ or ► to select between menu pages and ▲/▼/◄/► to adjust settings and or levels. When selectable, the menu item will be highlighted in Yellow. The current setting is highlighted in red. Press ENTER to select/confirm each setting.

Exit Setup Menu

Press SETUP to save settings and exit the setup menu.

Notes:

Some DVD discs can be played only in certain playback modes according to the intentions of the software products. As this player plays discs according to their intentions, some functions may not work as intended by you. Please be sure to read the instructions provided with each disc.

General Setup Page

Press ▼ or ► to select General Setup Page and ENTER to select.

TV Display

Press ▼ to select TV Display

Press ► and enter Normal/PS (Pan & Scan), Normal/LB (Letterbox) or Wide (Widescreen).

press ▲ or ▼ to select one and press ENTER to confirm

NOTE: THE TV DISPLAY OPTION IS ONLY AVAILABLE WHEN THE DISC IS IN STOP MODE!

Angle Mark

Press ▲ or ▼ to select On/Off.
General Operation - DVD Setup Menu

On Screen Display Language
Press ▲ or ▼ to select English or other languages.

Note:
Some DVD titles may not include all languages.

Closed Caption
Press ▲ or ▼ to select On/Off.

Screen Saver
Press ▲ or ▼ to select On/Off. The unit will automatically enter screen saver mode (if activated and with a disc inside) after approximately 3-1/2 minutes of no activity.

Audio Setup Page
Press ▲ or ▼ to select Audio Setup Page and ENTER to select.

Speaker Setup
Press ▲ or ▼ to select Speaker Setup Page and ENTER to select.

Downmix
Press ▲ or ▼ to select LT/RT or Stereo.

Audio Setup
Press ▲ or ▼ to select Audio Setup and ENTER to select.

Dual Mono
Press ▲ or ▼ to select Stereo, L-Mono, R-Mono, Mono.
General Operation - DVD Setup Menu

**Video Setup Page**

Press ‹ or › to select Video Setup Page and ENTER to select.

- **Sharpness**
  - Press ‹ to select Sharpness
  - Press › and enter selection of High, Medium or Low
  - Press ‹ or › to select one and press ENTER to confirm

- **Brightness**
  - Press ‹ to select Brightness
  - Press › and enter adjust of Brightness
  - Press ‹ or › to adjust brightness level and press ENTER to confirm

- **Contrast**
  - Press ‹ to select Contrast
  - Press › and enter adjust of Contrast
  - Press ‹ or › to adjust Contrast level and press ENTER to confirm

- **Tint**
  - Press ‹ to select Tint
  - Press › and enter adjust of Tint
  - Press ‹ or › to adjust Tint level and press ENTER to confirm

- **Color**
  - Press ‹ to select Color
  - Press › and enter adjust of Color
  - Press ‹ or › to adjust Color level and press ENTER to confirm

**Preference Page**

Press ‹ or › to select Preference Page and ENTER to select.

Note:

- **Tv Type**
  - The DVD must be fully stopped (No disc inside case or cover opened) before the Preference Page can be accessed.
  - According to the system of TV to be connected, set the type of the video output to match the TV.
General Operation - DVD Setup Menu

Audio (DVD Title)/Subtitle Language/Disc Menu Language
Press ▲ or ▼ to select English or other languages.

Note:
If the disc has a predetermined language or, recorded in a language not listed above, the audio language/subtitle language/disc menu language setting will not be reflected.

Parental Control
Press ▲ or ▼ to select KID SAF, G, PG, PG 13, PGR, R, NC17, or ADULT. A password is required to change the parental control setting. See below for details.

Default (Restore Factory Settings)
Press ▲ or ▼ to select RESET. Pressing RESET will restore all menu selections to their default setting (except for the password and Parental Control).

Password Setup Page
Press ◀ or ► to select Password Setup Page and ENTER to select.

Press ▲ to select CHANGE, then create a new password.
The default password is: 1234
General Operation - DVD

Inserting a disc
Open lid; insert disc making sure it snaps securely on the spindle mount. Close lid.

Power On
When the unit is off, press POWER on the main unit for more than 2 seconds to turn the unit on.

Power Off
When the unit is on, press POWER for more than 2 seconds to turn the unit off.

LCD Monitor On/Off
Press LCD on the main unit for more than 2 seconds to turn the LCD monitor on/off. The monitor can be turned off when using the unit with an external video monitor.

Key Lock On/Off
The key lock function is used to prevent accidental operation of the main unit buttons while using the unit in a portable environment. Select Key Lock ON/OFF on the left side of the main unit.

NOTE: The remote control operation is not affected by the Key Lock function.

Playback Start
In general, pressing PLAY or ENTER will start disc playback. Some discs will play automatically when the power is turned on. The unit will immediately start rendering the disc program.

Playback Stop
Press STOP momentarily. The unit will return to the start-up logo and display “Press Play Key To Continue”. If PLAY is pressed, the unit will resume operation from the last position in memory.
General Operation - DVD

Playback Full Stop
Press STOP two times. The unit will return to the start-up logo and display ■. If PLAY is pressed, the unit will resume operation from the beginning of the disc.

Pause
Press PAUSE to temporarily stop playback. Press PLAY to resume playback.

Chapter Select
Press ▶ to skip to the beginning of the next chapter. Press ◀ to return to the beginning of the current chapter. Pressing it again skips to the beginning of the previous chapter.

Fast Forward and Reverse
Press ▶ or ◀ from the main unit or remote control to play next or prev track. Press ▶ or ◀ from the remote control to fast forward or fast reverse in 2x; 4x; 8x; 16x; 32x modes. Press PLAY to cancel fast forward or fast reverse.

Pause
Press PAUSE once from the main unit, ▶ will appear in the display. Press PLAY to cancel.

Slow
Press SLOW from the remote control to activate slow playback. Slow playback speed includes 1/2, 1/4, 1/8 and 1/16 in forward and 1/2, 1/4, 1/8 and 1/16 in reverse. Press PLAY to resume playback.
Note: There is no audio output during fast forward or reverse, slow modes of DVD playback.
General Operation - DVD

Zoom Press ZOOM to increase/decrease the image size from 2X, 3X, 4X or 1/2, 1/3, 1/4 size. Press ▲/▼/◄/► while zooming to scroll the image.

Repeat Press REPEAT once to repeat the current chapter.
Press REPEAT twice to repeat the current title.
Press REPEAT three times to repeat the entire disc.
Press REPEAT again to cancel repeat function.

Repeat A-B Press A-B once to set point “A”, again to set point “B”. The points between “A” and “B” will continually repeat. Press A-B again to cancel repeat A-B.

Main Menu (Root) Press MENU to select main menu. Press ▲/▼/◄/► to select between menu settings and ENTER to select/confirm.
Press RETURN to resume playback from the last position.

Title Menu Press TITLE to show available titles. Press ▲/▼/◄/► to select between titles and ENTER to select/confirm.

Selecting DVD Audio Press AUDIO while playing to switch between available languages.

Selecting DVD Subtitle Press SUBTITLE while playing to switch between available subtitle languages.
## General Operation - DVD

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Selecting DVD View Angles</strong></td>
<td>Press ANGLE while playing to switch between available viewing angles.</td>
</tr>
<tr>
<td><strong>Direct Title Access</strong></td>
<td>When the disc is stopped, use 0~9 and 10+ on the remote to enter the desired title.</td>
</tr>
<tr>
<td><strong>Direct Chapter Access</strong></td>
<td>When the disc is playing, use 0~9 and 10+ on the remote to enter the desired chapter.</td>
</tr>
<tr>
<td><strong>Direct Search Mode</strong></td>
<td>Press SEARCH to access direct search mode. Select the desired search mode using ▲/ ▼/◄/►.</td>
</tr>
<tr>
<td><strong>Program Mode</strong></td>
<td>Press PROGRAM to access the program mode. Enter the desired Title and Chapter using 0-9 and 10+ on the remote control. Select Start to begin programmed playback. Up to 20 selections can be programmed.</td>
</tr>
<tr>
<td><strong>Cancel Program Play</strong></td>
<td>Press CANCEL to stop program play.</td>
</tr>
</tbody>
</table>

### Notes:
- The DVD audio language, subtitle language and view angle features are only available when they are included on the disc. The language and subtitle functions may not work with some discs and they may require some time when selecting between them.
General Operation - DVD

Display Status
Press DISPLAY to select between the following:

Title Elapsed
TT __/__   CH __/__   00:00:00

Title Remain
TT __/__   CH __/__   00:00:00

Chapter Elapsed
TT __/__   CH __/__   00:00:00

Chapter Remain
TT __/__   CH __/__   00:00:00

Display Off

DVD Compatibility
Some DVDs may be incompatible with this unit, depending on media type and recording method. This model does not support DVD-RAM discs.
General Operation - CD

Play  In general, audio discs will play automatically when inserted or the power is turned on.

Stop  Press STOP momentarily. The unit will return to the start-up logo and display “Press Play Key To Continue”. If PLAY is pressed, the unit will resume operation from the last position in memory.

Full Stop  Press STOP two times. The unit will return to the start-up logo and display ■. If PLAY is pressed, the unit will resume

Pause  Press PAUSE to temporarily stop playback. Press PLAY to resume playback.

Track Select  Press ► to skip to the beginning of the next track. Press ◄ to return to the beginning of the current track. Pressing it again skips to the beginning of the previous track.

Fast Forward and Reverse  Press ► or ◄ from the remote control to fast forward or fast reverse in 2x; 4x; 8x; 16x; 32x modes. Press PLAY to cancel fast forward or fast reverse.

Press REPEAT once to repeat the current track.

Track Repeat  Press REPEAT twice to repeat the entire disc. Press REPEAT again to cancel repeat function.

Press A-B once to set point “A”, again to set point “B”. The points between “A” and “B” will continually repeat. Press A-B again to cancel repeat A-B.
**General Operation - CD**

<table>
<thead>
<tr>
<th>Display Status</th>
<th>Press DISPLAY to select between the following:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Singel Elapsed</td>
<td>Track __ / __ 00:00</td>
</tr>
<tr>
<td>Singel Remain</td>
<td>Track __ / __ 00:00</td>
</tr>
<tr>
<td>Total Elapsed</td>
<td>Track __ / __ 00:00</td>
</tr>
<tr>
<td>Total Remain</td>
<td>Track __ / __ 00:00</td>
</tr>
</tbody>
</table>

Some CD-Rs and CD-RWs may be incompatible with this unit, depending on media type and recording method.

**CD-R/RW Compatibility**
General Operation – MP3

Play

Insert an MP3, the DVD player will initialize the disc when the tray is closed and the directory (folder) will be shown in an MP3 MENU on screen.

Press UP/DOWN to select and highlight an MP3 file (song). Press ENTER to play the MP3 file.
## Troubleshooting

<table>
<thead>
<tr>
<th>Problem</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit will not turn on (no power)</td>
<td>Connect the AC adapter into the wall outlet securely. Connect the DC adapter into the vehicle cigarette outlet securely.</td>
</tr>
<tr>
<td>Unit has power (but no picture)</td>
<td>Check the connections from the DVD video output to the TV or A/V receiver video input. Make sure your TV or A/V receiver is set to the correct mode. Refer to your TV or A/V receiver owners manual. Make sure the Key Lock function is set to OFF. Make sure the LCD monitor is turned on. Press and hold the LCD button for 2 seconds to turn the LCD monitor on/off.</td>
</tr>
<tr>
<td>Picture has occasional distortion</td>
<td>A small amount of picture distortion may appear because of a poor quality video/sound transfer to disc.</td>
</tr>
<tr>
<td>Brightness is unstable or noises are produced when playing</td>
<td>Physical defect in media. Check media for scratches. Connect the DVD player directly to the TV and not through any other source. Avoid connecting the unit to a VCR or TV/VCR combination.</td>
</tr>
<tr>
<td>The DVD does not start playback</td>
<td>Disc is loaded upside down. Place the disc in the unit with the graphics side up. Place the disc on the disc spindle correctly inside the unit. Make sure the disc is free from scratches and fingerprints. Press the SETUP button to turn off the menu screen. Cancel the parental lock function or change the parental lock level. (The default password is 1234.) Turn the power off then disconnect the power plug and reconnect.</td>
</tr>
</tbody>
</table>

## Copyright Notes

This product incorporates copyright protection technology that is protected by method claims of certain U.S. patents and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of this copyright protection technology must be authorized by Macrovision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision Corporation. Reverse engineering or disassembly is prohibited.

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## Specifications

**DVD Player**
- **Signal-to-noise:** >94db
- **Dynamic range:** >95db
- **Harmonic distortion:** <0.008%
- **Frequency response:** 10Hz-20kHz
- **Channel separation @1kHz:** >68dB
- **D/A converter:** 24 Bit
- **Sampling frequencies:** 44.1kHz, 48kHz, 96kHz
- **Electronic Shock Protection:** 3 seconds (DVD) 20 seconds (CD)

**Monitor**
- **Panel size:** 7” (177.8 mm) diagonal measurement
- **Format:** Widescreen 16:9
- **View area:** 6.07” W x 3.43” H (154.1 x 87 mm)
- **Display system:** Transparent TFT LCD panel
- **View angle (up/down/left/right):** 65/40/65/65
- **Resolution:** 1440 x R.G.B x 234
- **Brightness (cd/m2):** 90
- **Contrast ratio:** 60:1
- **Elements:** 336.960
- **Backlighting:** CCFL

**General**
- **Operating voltage:** 12VDC
- **Operating current:** 2A
- **Audio line output voltage:** >1.5V RMS
- **Video system:** NTSC / PAL
- **Main unit dimensions:** 10.62” W x 7.02” H x 1.68” D (270 x 178 x 43 mm)