

# Owner's Manual

Dual Multimedia  
Headrest Replacement  
Entertainment System



## NOTICES

### NOTICE OF INTENDED USE

**Rosen Electronics products are designed to enable viewing of video for rear-seat occupants ONLY, and are not intended for viewing by the driver while the vehicle is in motion. Such use might distract the driver or interfere with the driver's safe operation of the vehicle, and can result in serious injury or death. Such use might also violate state or local laws.**

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## Introduction

Congratulations on owning a Rosen Electronics System! Here's a list of some things you can do with your system:

- Play DVD movies, music CDs, or discs with MP3 audio files.
- Play MPA, MKV, and AVI video files.
- Play audio through the vehicle speakers or the wireless headphones
- Use external audio/video inputs from video game consoles, blue ray player and media players.

## Precautions

In order to operate the system, the vehicle ignition key switch must be in the ACC or engine ON position.



ACC or engine  
ON position

- Use this system only if properly installed by a qualified installer.
- If the unit shows any sign of malfunction, turn it off and consult your dealer immediately. Do not open the unit - there are no serviceable parts inside.
- **Do not press directly on the display surface - you may damage it.**
- Clean the display surface with a slightly damp, soft cloth using household glass cleaner. **Do not** use solvents such as benzene, thinner, or commercial cleaners.
- When using portable radios and telephones near the system, picture or sound interference may occur.

- If your car was parked in a very cold or very hot place, you may see a blank screen, distorted picture or the unit may not be able to load a disc. The system will return to normal after the unit temperature returns to a normal operating range. This may take more than an hour depending on the temperature.
- If your car battery charge is low or the vehicle battery is old, you may see a blank screen, distorted picture or the unit may not be able to load a disc. The system will return to normal after the unit voltage returns to a normal operating range.

***Note: The system's operating voltage range is 11-16VDC operating voltage. The system operating temperature is 32° to 140° F ( 0° to 60° C). Use of the system beyond the safe operating ranges listed, can cause temporary or permanent damage to the unit, and such damage may not be covered by the manufacturer's warranty.***

## Getting Started

Use the system with the vehicle running or with the ignition key switch in the “accessory” position.

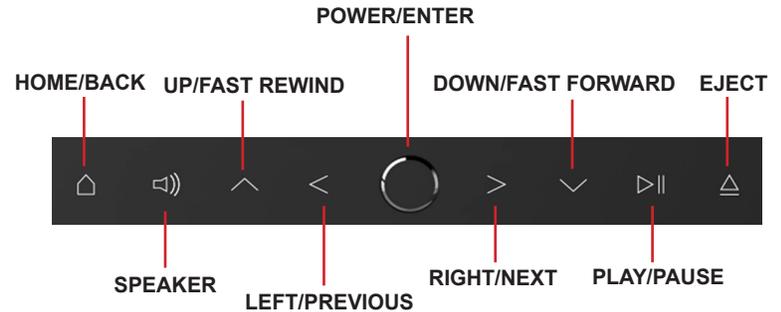
Make certain that the remote, the headphones, and the game controller have fresh batteries and are properly installed.

The DVD slot is located on the top of the headrest unit.

To switch the system on, press the power button on the unit or remote control. Each headrest must be turned on independently.



## Front Panel Controls



### Turning On the System:

- A) Turn vehicle ignition to ON or ACC position.
- B) Press POWER on the front control panel on each monitor.



### Playing a Disc:

- A) On the HOME screen, use the LEFT or RIGHT button and navigate to DVD mode.
- B) Press the ENTER button to select DVD source.
- C) The unit will resume play when a disc is present. Press EJECT to remove a loaded disc.
- D) Insert a disc into the slot above the monitor. Do not force any disc into the slot. When the DVD menu appears on the screen, press PLAY or ENTER as instructed on the screen. Most discs will load and play automatically.



*Note: Not all discs are supported by this system. You may experience certain discs to be incompatible and will not play on this system but will work on other players. Various disc manufacturers change technologies from time to time which may create compatibility issues. This is not a problem with the unit and is not covered by the manufacturer warranty.*

### To View the Same Image on Both Screens:

- A) Power on the second unit.
- B) Select OTHER SCREEN on the HOME screen or press the SOURCE button on the included remote control until OTHER appears on the screen. Your monitor will now display the same image as the other/opposite unit.

### Changing the Video Source:

- A) Return to the HOME screen by pressing the HOME button on the front control panel or the remote control.
- B) Use the LEFT or RIGHT button to navigate to the desired source.
- C) Press ENTER to select the source.

### Digital Media Player:

The USB/MicroSD sources can be used for media playback, such as video, audio and photos.

◀▶ Use the LEFT or RIGHT arrows to move to the next page.

▲▼ Use the UP or DOWN arrows to navigate through the folder.

▶|| PLAY/PAUSE or ENTER to start playing file.

↶ RETURN to go back to a previous screen.

🏠 Use the HOME button to return to the main menu.

Note: While the video is playing, the ◀▶ arrows on the remote control can be used to change the subtitle and audio track if present.

◀ Use the LEFT key for subtitle.

▶ Use the RIGHT key for audio track.

### External Sources:

**HDMI:** The system supports audio video playback from up to two (2) external HDMI devices, such as smart phone, tablet, gaming console and other devices with HDMI output. \*Proper HDMI adapter must be used.

**AUX:** Standard composite video signal from a video device can be used with the system by using the standard 3.5 inch adapter. The AUX input is located on the media interface module.

**AV IN:** Standard composite video signal from a portable device can be used with the system by using the 3.5 inch adapter. The AV IN input is located at the front, left bottom corner of the monitor.

### Adjusting the Display:

From the Home page, navigate to Settings and press Enter.



Press the UP arrow button to brighten the screen or press the DOWN arrow button to dim the screen. Once you are done, press the BACK or HOME button to exit the SETTINGS.

### Auto On Displays

The system can be set to turn on automatically whenever the ACC is on. To set the system to turn on automatically, within the SETTINGS menu press the LEFT arrow button to select Auto On Display. Press either the UP or DOWN arrow button to change settings.

## Disc Compatibility:

### Compatible Discs

*Note: Not all discs are supported by this system. You may find a disc that will not play on this system, but works fine on other players. Various manufacturers of discs change technology from time to time which may create compatibility issues. This is not a problem with the unit and is not covered by warranty.*

Most DVD/CD-Audio discs are compatible with the AV8900H system.

The unit can also play **most** CD-Recordable discs containing CD-Audio, MP3 files, and JPEG images - but not all such discs. **Since these discs are usually made on home computers, there is no certification process ensuring that all such discs play on all players.**

### DVD Regions

When a DVD disc is created, it is encoded with a "Region number." The disc will only play on DVD players with the same Region number - for instance, a Region 3 disc won't play on a Region 1 player.

Region 1: U.S. and U.S. Territories, Canada

Region 2: Japan, Western Europe, Middle East, South Africa

Region 3: South Korea, Hong Kong, Taiwan, Southeast and East Asia

Region 4: New Zealand, Australia, Pacific Islands, Mexico, Central/  
South America

Region 5: Russia and the former Soviet Union, Africa, Indian  
subcontinent, North Korea

Region 6: China

### Incompatible Discs

The following disc types are incompatible with the system:

- DVD-ROM/DVD-RAM/DVD+RAM discs.
- Most DVD-R/DVD-RW/DVD+R/DVD+RW discs.
- Some Photo CDs.
- CD-ROM data discs.
- CD-Audio discs made with certain copy protection methods.
- Any DVD with a different Region number than the unit.
- Any disc that does not meet DVD Forum standards.

### Why the system doesn't respond the same way to all discs

When a DVD disc is created, the creator has to define how the disc will operate when loaded into a DVD player. For instance, some discs begin playing immediately, while other discs only display a menu and require a menu selection to be made before playback will start.

The DVD standard also allows the maker of a DVD disc to disable functions at certain times, such as Fast-Forward and Stop (which is why you can't skip past the copyright warning screen). If some DVD feature temporarily isn't working for you, usually the disc is preventing the player from performing that function.

### Discs that don't properly load and play

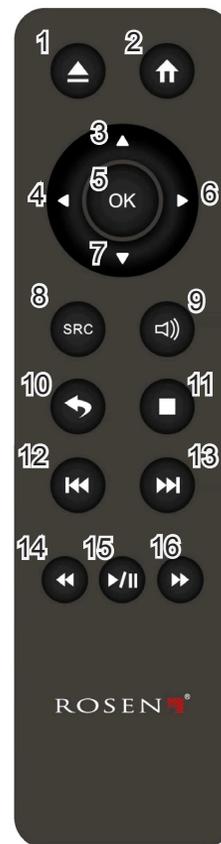
Some CD and DVD discs, especially homemade discs which do not have all the data needed to properly initialize all DVD players, may not load and play properly. They may even create a state where the DVD player will not eject the disc at all. In these cases, the unit must be turned off.

## Using the Remote Control:

You can use the remote control to operate the system, including access to features not available on the front panel. The unit has an infrared sensor to receive signals located in the control panel. For definitions of each remote control button's specific function, see the following pages.

1 Eject	9 FMT
2 Home Menu	10 Return
3 Navigate Up	11 Stop
4 Navigate Left	12 Previous
5 Enter	13 Next
6 Navigate Right	14 Fast Rewind
7 Navigate Down	15 Play/Pause
8 Source	16 Fast Forward

*Note: If you try to perform a DVD action when it is not permitted as (such accessing the disc menu while the disc is loading), there will be no response from the unit. This is normal operation and is not a problem with your system.*



## Remote Control Buttons:

**1 Eject** 

Press to eject disc from the unit.

**2 Home Menu** 

Press to return to the Home screen.

**3 Navigate Up** 

Press to navigate up.

**4 Navigate Left** 

Press to navigate left.

**5 Enter** 

Press to select.

**6 Navigate Right** 

Press to navigate right.

**7 Navigate Down** 

Press to navigate down.

**8 Source** 

Press to change video source.

**9 FMT** 

Press to listen to the audio on a selected FM station.

**10 Return** 

Press to return to the previous screen.

**11 Stop** 

Press to stop playing video on DVD, USB and Micro SD.

**12 Previous** 

Press to return to the previous track or chapter.

**13 Next** 

Press to skip to the next track or chapter.

**14 Fast Rewind** 

Press to fast rewind the video on DVD, USB, and Micro SD.

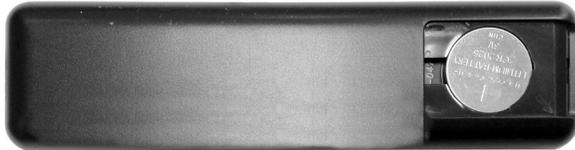
**15 Play/Pause** 

Press to play or pause the video on DVD, USB, and Micro SD.

**16 Fast Forward** 

Press to fast forward the video on DVD, USB, and Micro SD.

## Replacing the Remote Control Batteries:



## Listening Over the Vehicle Speakers:

- A) Press the SPEAKER button on the front control panel.  
 "PRESS < OR > TO ADJUST  xxx.x mhz" will appear on the screen.
- B) Turn the vehicle's radio on and tune to the same FM frequency displayed on the screen.
- C) If radio interference is heard, try another frequency.



## CD Audio, MP3 & JPEG Playback:

### CD Playback

When you insert an audio CD (label facing away from you), the standard CD commands (PLAY, NEXT, etc.) will control the unit. Some CDs recorded in CD-R or CD-RW mode may not play.

### MP3, JPEG and MPEG Playback

When a disc containing MP3, JPEG or MPEG files is inserted, a menu screen appears. Use the arrow buttons to select a file type and press enter to play it.

## Using The Wireless Headphones

The system comes with infrared (IR) wireless fold-flat headphones. These headphones receive a signal from an IR transmitter built into the unit. Headphones allow rear-seat passengers to listen without using the vehicle speakers.

*To turn the headphones on and off*, push the Power ON/OFF button on the earpiece. The Power LED on the earpiece indicates when headphone power is on. Power turns off automatically after three minutes of no audio, in order to preserve battery life.

The headphones have a two-position slide switch labeled "A/B." When the switch is in the "A" position, the headphones play audio from the source designated as "A." When the switch is in the "B" position, the headphones play audio from the source designated as "B."

*To adjust the headphone volume*, rotate the thumb wheel on the headphones.

Adjust headphones

here



## Replacing The Headphone Batteries

The wireless IR headphones require two (2) "AAA" batteries. To replace the batteries, slide off the battery compartment door on the left earpiece and insert batteries, as shown. Make certain that the battery orientation matches the marks inside the battery compartment.



## DVD Setup And Configuration

The following section explains how to customize various features of the Internal DVD Player, including languages, display, and parental control features.

*Note: Some features may not be available on your system.*

To change the settings for the internal DVD player:

- 1 Press **SETUP** on the remote.
- 2 Use the **UP** and **DOWN** navigation buttons to highlight a selection.
- 3 Press the **ENTER** button to confirm your selection.

### Language Settings

Several language settings can be customized on the DVD Player. These languages can vary depending on the language supported by the DVD disc.

*Note: Not all language settings are supported by all discs.*

#### Default Settings:

OSD = English  
 Subtitle = Off  
 Audio = English  
 Disc Menu = English



### Video Settings

This allows you to customize the Aspect Ratio and Video Output.

#### Default Settings:

Aspect Ratio = 16:9  
 TV System = NSTC



### Audio Settings

This allows you to customize the audio settings.

#### Default Settings:

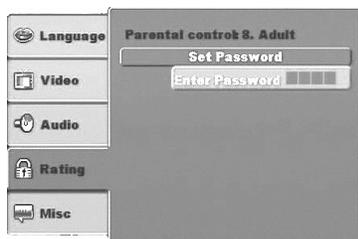
Digital Output = PCM  
 Night Mode = Off  
 Pro Logic = Off  
 LPCM = 96K



## Rating Settings

This setting allows you to set parental control on the DVD player.

Default password = 3308



*Note: Changing the state of some settings can cause apparent system failure. Do not change any settings other than those described in this section.*

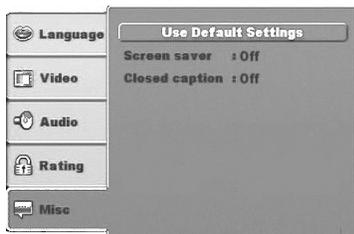
## Misc Settings

This screen allows you to change the settings for the Screen Saver and Closed Caption. Selecting "Use Default Settings" will reset the system to the factory default settings.

### Default Settings:

Screen Saver = Off

Closed Caption = Off



## Frequently Asked Questions

### HOW DO I RESET MY SYSTEM?

To RESET the system, turn the vehicle off and back on.

### MY SYSTEM IS NOT RESPONDING TO COMMANDS

Periodically, the DVD system may receive conflicting commands from a DVD or remote control. When this happens, the system may not respond properly to the remote control, control buttons, or may be locked up and not respond at all.

**Solution:** The system needs to be RESET as described above.

**Solution:** Replace the battery in the remote control.

### MY AUDIO HAS STATIC ON THE RADIO

To receive audio over the radio, the radio must be tuned to a broadcast station which is not in use by a local radio station.

**Solution:** Set the FM Transmitter to an alternate radio station. Then tune the radio to the newly selected station. (see pages 7,15)

### MY DVD WILL NOT PLAY

Some DVDs will not play properly due to compatibility, dirt, rough edges, damage to the disc or the system may be beyond its operating temperature.

**Solution:** Confirm the DVD is a compatible format. (see page 9)

**Solution:** Check and clean the DVD as needed.

**Solution:** Use a pencil or soft wood to smooth the edge of the disk.

**Solution:** Replace the DVD if scratched, cracked or warped.

**Solution:** Allow the system temperature to return to normal operating temperatures. This may take up to an hour after the air temperature in the vehicle is at a comfortable level.

### MY SYSTEM RESETS WHEN I START MY VEHICLE

Voltage levels while starting the vehicle can fall below the minimum operating levels for the system.

**Solution:** Ensure your battery is fully charged and in good condition.

**Solution:** Avoid operating your system without the engine running for periods longer than 10 minutes.

### I CAN NOT GET AUDIO ON THE RADIO

To receive audio over the radio, the system must have SPEAKERS ENABLE selected, and the radio must be tuned to the proper station.

**Solution:** Press the SPEAKER button on the remote control to enable the radio transmission.

**Solution:** Tune the radio to the proper FM station as directed in the "Listening Over the Car Speakers" section of this manual. (see page 15)

### MY DVD WILL NOT EJECT

Damaged DVDs, incompatible DVDs or improper system installation will prevent the DVD from ejecting and may lock up the system.

**Solution:** Check the DVD for damage, replace the DVD if scratched, cracked or warped.

**Solution:** Confirm the DVD is a compatible format. (see page 9)

### I DO NOT HAVE HEADPHONE AUDIO

The headphone audio should be present at all times, unless MUTE is on, or a DVD setting has been changed in the DVD Settings Menu.

**Solution:** Press the MUTE button to enable the audio and turn the MUTE OFF.

**Solution:** Confirm that the headphones are turned on, and the ON LED indicator is illuminated. Change batteries if needed.

**Solution:** Check the DVD settings and restore them to FACTORY SETTINGS if needed.

### MY PICTURE FREEZES

Damaged or incompatible DVDs will cause the system to freeze and lock up the system.

**Solution:** Check and clean the DVD as needed.

**Solution:** Replace the DVD if scratched, cracked or warped.

**Solution:** Confirm the DVD is a compatible format. (see page 9)

**Solution:** Allow the system to return to normal operating temperature.

### **MY RADIO LOSES ITS NORMAL STATIONS**

With an external FM Modulator and while the system is set to broadcast over the radio with SPEAKERS ENABLED, the vehicle's antenna is temporarily disabled.

**Solution:** Press the SPEAKER button on the remote to restore the vehicle antenna, "Headphones Only" will appear on the screen.

### **MY PICTURE IS DISTORTED**

Excessive cold or hot temperatures will cause the picture on the display to become distorted or lose color or contrast.

**Solution:** Allow the system temperature to return to normal operating temperatures. This may take up to an hour after the air temperature in the vehicle is at a comfortable level.

### **MY PICTURE IS BLACK**

The screen will appear black or dark blue if there is no video signal. This may happen if the DVD fails to initialize properly or if a source is selected which is not connected.

**Solution:** Eject the DVD and inspect it for damage, scratches or cracks. Clean the DVD and re-insert the disc.

**Solution:** Reset the system.

### **WHY CAN'T I HEAR THE AUDIO OUT OF THE HEADREST OVER THE CAR SPEAKERS?**

Only one headrest at a time can be played through the car's audio system. To change this, press the speaker button on the monitor you want to hear. When you do this you will see "Headphones Only" on the other screen.

For other questions and capabilities please contact your authorized Rosen dealer. To locate a Rosen Electronics authorized dealer, please visit [www.rosenelectronics.com](http://www.rosenelectronics.com).

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