

DVD Entertainment System

Owner's Manual



.mp3

**Video
Game
COMPATIBLE**



NOTICES

NOTICE OF INTENDED USE

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

Rosen Entertainment Systems disclaims any liability for any bodily injury or property damage that might result from any improper or unintended use.

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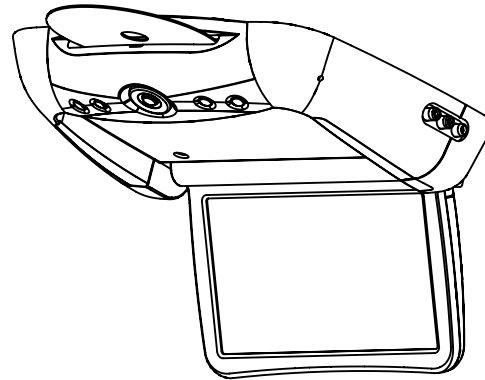
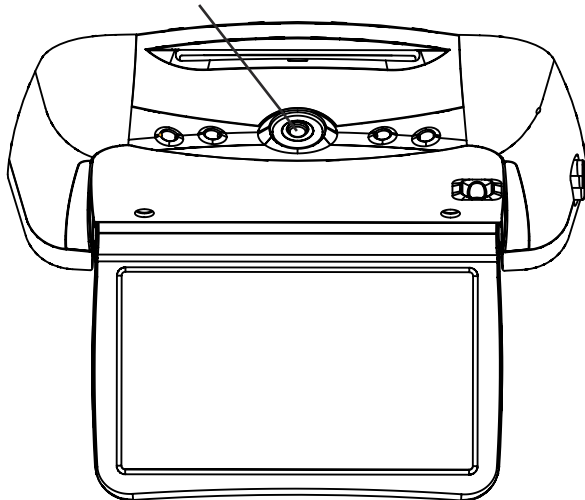
GETTING STARTED

Use the system with the vehicle running, or with the ignition key switch in the "accessory" position.

Make certain that the remote and the headphones have their batteries properly inserted.

To Lower the Screen and Switch On the System:

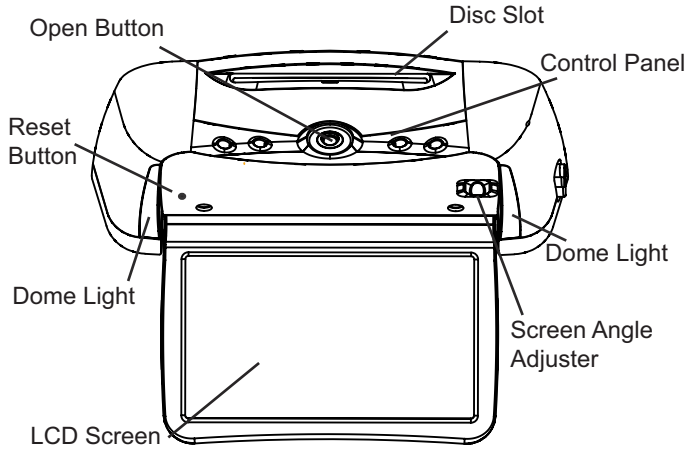
Be sure the ignition key is the "ON" or "ACC" position. Press the OPEN button on the front panel or the POWER button on the remote. The screen will open and the system will turn on.



To Watch a DVD:

- 1 Press **SOURCE** until "DVD PLAYER" is displayed. Press **EJECT** to remove any loaded disc.
- 2 Insert a DVD onto the slot, **label side up**.
- 3 Most DVD discs begin playback automatically. If a menu appears, press **PLAY** or **ENTER** as instructed on screen.

Front View



To Use An External Video Source

(optional video game console or camcorder):

- 1 Connect the RCA audio and video outputs of the device to the RCA inputs of the system.
- 2 Press **SOURCE** until "Auxiliary 1" appears on the screen.

Listening Over the Vehicle Speakers

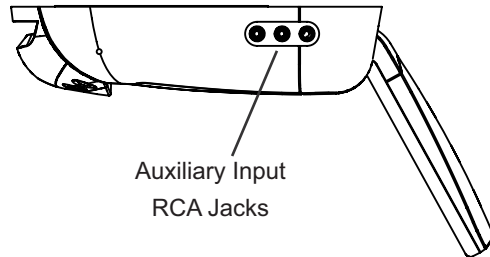
- 1 Press **SPEAKER**. "Speaker Sound" will appear on the screen.
- 2 Turn on the car radio. Tune to one of the following frequencies 87.7, 87.9, 88.1, 88.3, 88.5, 88.7, 88.9 (see page 15 for more information.)

Using the Dome Lights

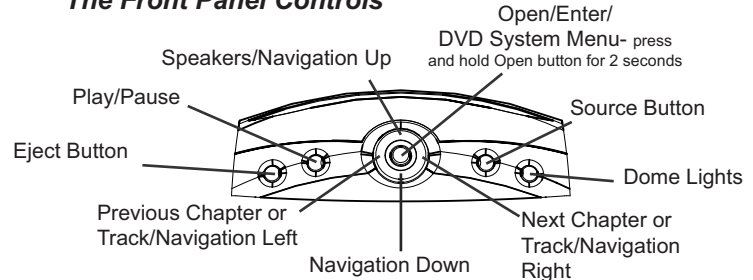
- 1 Press the **DOMELIGHT** button to turn the dome lights on or off.

Note: The Dome Lights have a safety feature to disable them after the car is turned off with the doors closed for more than 15 minutes.

Console-mounted Input Jack Locations



The Front Panel Controls



INTRODUCTION

Congratulations on purchasing a Rosen Entertainment 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.
- Listen using the vehicle speakers or the wireless headphones.
- Use external audio/video units like video game consoles, camcorders, or optional units like a TV tuner or a DVD changer.

Your system includes the following components:

- An overhead, wide-screen, flat-panel display.
- A built-in overhead DVD/CD/MP3 Player.
- Two (2) wireless infrared headphones.
- Remote control.
- A stereo FM modulator (this lets the system audio play over your vehicle speakers). Optional in some systems.
- Other parts and cables installed out of sight in your vehicle.

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 overheating or malfunction, close the display and consult your dealer immediately. Do not open the unit - there are no serviceable parts inside.
- Do not press on the display surface - you might damage it.
- Clean the LCD panel with a slightly damp, soft cloth using household glass cleaner. **Do not** use solvents such as benzene, thinner, or commercially available 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 distorted picture. The picture will return after the system temperature returns to normal.

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.

DISCS PLAYED

Compatible Discs

DVD, Video CD (VCD), and CD-Audio discs are compatible with the T8 system. Compatible discs have these logos on their labels:



Also, the unit can 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

Region 8: Special International Venues (Cruise Ships, Airlines, etc.)

DVD Region Icons



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 CD discs.
- 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

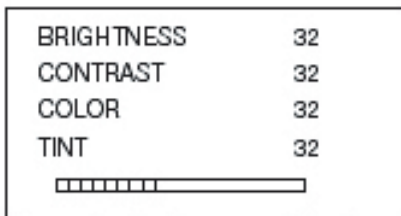
Some CD and DVD discs, especially homemade discs which do not have all the data needed to properly initialize all DVD players, may not load and play properly. **They may even create a state where the DVD player will not eject the disc at all. In these cases, use a paper clip to press the Reset button (this button's location is shown on page 7).**

CHANGING AND ADJUSTING THE DISPLAY

Selecting a display mode: The system's "widescreen" display has a 16:9 aspect ratio - wider than a standard television. While many DVD's provide widescreen video images that fit the screen, standard broadcast TV and many video games don't.

- To view widescreen DVD's, press the **DISPLAY** button on the system's remote control until "WIDE" is displayed on the screen.
- To watch "fullscreen" DVD's, the internal game system, or broadcast television, select "STANDARD".

Display adjustments: The display has adjustable video settings. To change these settings, press the **DISPLAY** button on the remote control and hold it for two seconds. The following menu appears:



To select a setting to be changed: Press the **DOWN** button to move the cursor down the menu list. After you reach the final setting, pressing the **DISPLAY** button again will cause you to exit the menu.

To change the value of a setting: Use the **LEFT** and **RIGHT** arrow buttons. The range is from 0 to 63.

To exit the menu: Press the **DISPLAY** button to save settings and exit.

Note: See Page 12 for more on adjusting the Brightness setting.

Note: The internal DVD player can be configured for either a 16:9 "Wide" image output or a 4:3 standard image output. Since the unit has a widescreen display, the DVD player should be configured for "Wide". For more, see Page 13.

Note: The internal DVD player also has a set of video adjustments, which are separate from the main adjustments. For more information, please see Page 18.

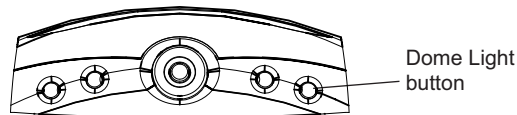
USING THE BUILT-IN LED DOME LIGHTS

The system has built-in dome lights. In many vehicles, these built-in dome lights may replace an original factory dome light which was displaced when the system was installed. The dome lights are controlled by both the Dome Light button on the front panel and by the matching Dome Light button on the remote control.

When the lights are *off*, press either button to turn them **on**.

When the lights are *on*, press either button to turn them **off**.

When the lights have been turned on manually using the Dome Light button, they will automatically turn off after all the doors are closed.



Note: Some vehicles have a dome light dimming feature that causes the light to fade out gradually after the doors are closed. The unit's dome light may not turn off at the exact speed that the factory dome lights fade, but it will turn on and off normally when the doors are opened and closed.

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 two infrared sensors to receive signals from the remote - one is built into the control panel, and the other faces forward in the vehicle, for use from the front seats. For definitions of each remote control button's specific function, see the following pages.

1	Open/ Optional Source Unit Power	15	System Menu
2	Pause	16	Disc Zoom
3	Stop	17	Navigate left
4	Play	18	Enter
5	Previous Chapter/Track	19	Navigate Right
6	Reverse	20	Display
7	Fast forward	21	Setup Menu
8	Next Chapter/Track	22	Navigate Down
9	Speaker Sound Control	23	Disc Menu
10	RES - Not Applicable	24	Day/Night Brightness
11	Mute	25	Dome Light On/Off
12	Eject	26	Output B - Not Applicable
13	Source select		
14	Navigate Up		

Note: If you try to perform a DVD action when it is not permitted (such as 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.



BASIC REMOTE CONTROL BUTTONS

1 Open/ Optional Source Unit Power

Pressing this button when the screen is closed will open the screen. (There is also an OPEN button on the front control panel.)

Note: The system turns on when the screen opens.

4 Play

Press to begin or resume playback of a DVD.

*Note: When the disc is first inserted, you may have to press **PLAY** or **ENTER** to begin playback.*

3 Stop

Press once to temporarily stop playback of a DVD. To resume normal playback from the same point, press **PLAY**.

To play the disc from the beginning, press **STOP** twice, then **PLAY**.

Note: Once STOP is pressed twice, the player can only begin playing from the beginning of the disc.

12 Eject

Press to eject a DVD or CD. After a disc is ejected, "OPEN" is displayed on the screen.

2 Pause/Frame Step

Press once to pause playback. Press repeatedly to advance video frame by frame. To resume normal playback, press **PLAY**.

5 Previous Chapter/Track

Press to jump to the previous title or chapter, if available on a DVD, or to the previous track on an audio CD. Not supported with some VCDs.

8 Next Chapter/Track

Press to jump to the next title or chapter, if available on a DVD, or to the next track on an audio CD. Not supported with some VCDs.

6 Reverse

Press to search in reverse. To resume normal playback, press **PLAY**. Press the **FAST REVERSE** button multiple times to adjust search direction and speed. Choose from 2x, 4x, 6x, and 8x. Press **PLAY** to resume regular play.

7 Forward/Search

Press during playback to fast forward. Press the **FAST FORWARD** button multiple times to adjust search direction and speed. Choose from 2x, 4x, 6x, and 8x. Press **PLAY** to resume regular play.

24 Day/Night

This button controls display brightness for optimum viewing.

USING MENU AND NAVIGATION BUTTONS

13 Source

This button lets you select the internal DVD/CD player or the Auxiliary input.

Note: The Source button on the control panel performs the same function.

14, 22 Up/Down Arrows

Press to move up or down in a menu.

17, 19 Left/Right Arrows

Press to move left or right in a menu

18 Enter

Press to make a menu selection.

21 Setup Menu

The internal DVD Source has a setup menu that can be accessed by pressing SETUP.

USING AUDIO BUTTONS

9 Speaker Sound Control

This button allows you to select between “Headphones Only” and “Speaker Sound”. Headphone audio is not affected by this button.

11 Mute

Press once to mute all system audio. As long as the Mute function is active, “Mute” will appear on the screen. Press again to turn Mute off.

USING DVD DISC FEATURES

23 Disc Menu

Press to see the main menu for the DVD being played.

CHANGING THE SHAPE AND SIZE OF THE IMAGE

16 Disc Zoom

View the same scene on a DVD at different magnifications.

- 1 Press the **DISC ZOOM** button during playback to select among the following options: x1.5, x2, x3, and Off.
- 2 Press the arrow buttons to shift the magnified section of the screen.
- 3 To resume normal playback, press **DISC ZOOM** until “Zoom off” is displayed.

20 Display

This button lets you select from the various screen display modes.

- To view widescreen DVD’s, press this button until “WIDE” is displayed on the screen. This uses the full width of the screen.
- To watch “fullscreen” DVD’s or broadcast television, press until “STANDARD” is displayed. This mode uses most of the screen, but black bars will be visible on the sides, like this:



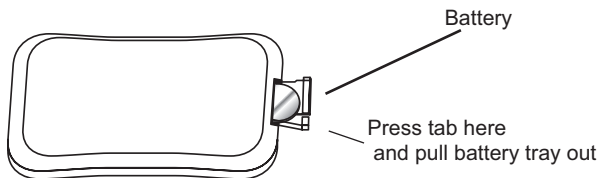
- To zoom the picture, select the "ZOOM" mode.

Note: For best results when zooming in on DVD images, use the Disc Zoom feature instead of the "ZOOM" Display Mode.

- To adjust the Display settings (color, contrast, etc.), press and hold the DISPLAY button for two seconds.

For more information about image shapes, see "Managing Black Bars", on Page 17.

REPLACING THE REMOTE BATTERY



Use a single 3V battery, type CR2025. Insert as shown. Observe the correct orientation of the battery as marked on the battery tray.

Battery life is approximately six months, depending on how often the remote is used.

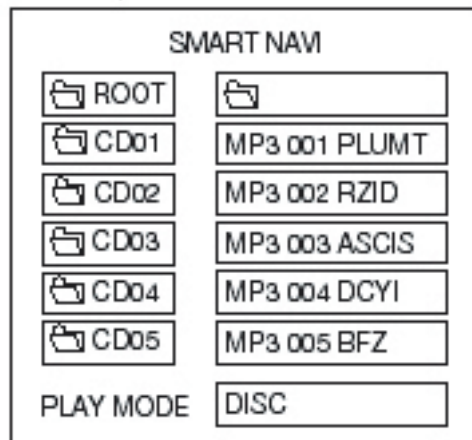
CD AUDIO, MP3, JPEG, AND VIDEO CD PLAYBACK

CD Playback

When you insert an audio CD, "CD" will appear on the screen. 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, Video CD Playback

When a disc containing MP3, JPEG, or Video CD files is inserted, the following screen appears. Use the arrow buttons to select a file type.

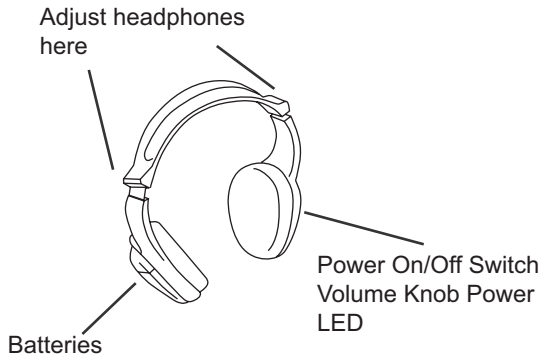


USING THE INCLUDED WIRELESS HEADPHONES

The system comes with two (2) infrared (IR) wireless headphones. These headphones receive a signal from an IR transmitter built into the unit. These headphones allow rear-seat passengers to listen without using the vehicle speakers.

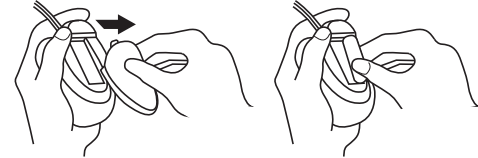
To turn the headphones on and off, slide or press the Power ON/OFF button on the ear piece. The Power LED on the ear piece indicates when headphone power is on. Power turns off automatically after several minutes of no audio, in order to preserve battery life.

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



REPLACING HEADPHONE BATTERIES

The wireless IR headphones require two 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.



LISTENING OVER THE CAR SPEAKERS

The system uses an FM Modulator (FMM) to send audio through the vehicle radio and speakers. To listen over your speakers:

- 1 Make sure system **MUTE** is off. Press **SPEAKER**. "Speaker Sound" appears.
- 2 Turn on the car radio. Tune to one of the following FM frequencies 87.7, 87.9, 88.1, 88.3, 88.5, 88.7, 88.9

You may want to store the FM Modulator frequency as a preset of your radio for ease of use.

If the words "Headphones Only" appear. Press the Speaker button a second time to display "Speaker Sound". If you have any questions about your FMM, please ask you Rosen dealer.

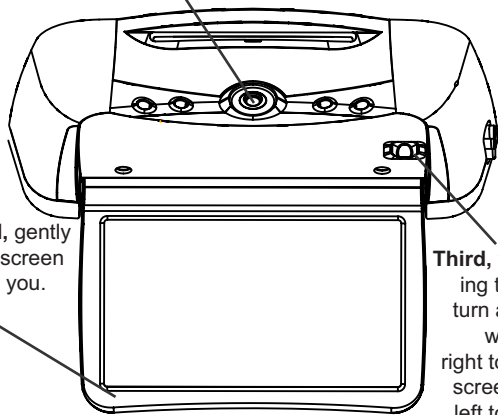
Note: After you finish listening over the car speakers, press the speaker button to display "Headphones Only". This returns the car radio to normal function.

ADJUSTING THE SCREEN ANGLE

Rosen uses an advanced mechanical design to hold the screen at the perfect viewing angle for you, your passengers, and your vehicle. Here's how to adjust the screen angle:

First, press the OPEN button on the front panel, or on the remote. The screen will open.

Second, gently pull the screen towards you.



Third, while holding the screen, turn adjustment wheel to the right to move the screen forward, left to move the screen rearward.

Fourth, release screen and check the viewing angle. You may need to repeat this process a few times to get the angle just right for your height and the height of the vehicle seats.

USING EXTERNAL SOURCES

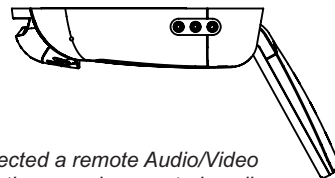
You may use optional external video games, camcorders, and other portable video units by connecting the unit to the auxiliary RCA input jacks on the unit. You must press **SOURCE** to select "Auxiliary 1".

Color-Coded RCA Jacks

Red — Right channel audio input

White — Left channel audio input

Yellow — Video input



Note: If your dealer has connected a remote Audio/Video panel DO NOT attempt to use the console mounted auxiliary input simultaneously.

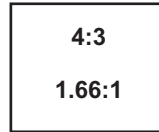
To use an external game system, a 12VDC to 110VAC power inverter, available at most electronic retail stores, is often required.

*Note: If you want to watch non-widescreen, 4:3 images, press the **DISPLAY** button on the remote control until "STANDARD" is displayed on the screen. This will properly size the image, instead of stretching the image across the wide screen. In "STANDARD" mode, you will see black bars on the sides of the image, like this:*

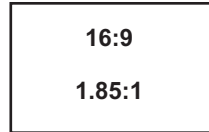


MANAGING BLACK BARS

Motion picture film and cameras, and later television screens, were originally designed around a screen size that was almost square - it was one-third wider than it was high (another way to say this is that it had a width-to-height ratio, or aspect ratio, of 4:3. This ratio, 4:3, can also be expressed as 1.66:1.)



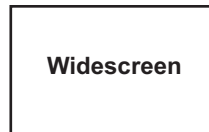
When widescreen movies using technologies like Cinemascope and Panavision became popular, new aspect ratios were used for them - 1.78:1, 2.35:1, and even 2.55:1. When high-definition television was developed, a screen shape of 16:9, or 1.85:1, was selected as the best compromise for viewing widescreen movie images.



When you watch widescreen movies on a standard 4:3 television, there are "black bars" on the top and bottom of the screen. This is often called a "letterbox" image. The alternative is called "pan-and-scan", where the edges of the image are "cropped" off.



This system uses a widescreen 16:9, or 1.85:1 display - the same aspect ratio as high-definition televisions. This means that when viewing widescreen DVD's, these black bars are either non-existent, or greatly minimized.



WHY ARE THE BLACK BARS STILL THERE SOMETIMES?

There are three possible reasons for black bars to appear on the top and bottom of the display:

- 1) You are watching a widescreen movie with an aspect ratio *greater than* 1.85:1. (For more options on dealing with this, see below). Check the disc jewel box to determine the DVD's aspect ratio - if you see 2.3:1, 2.33:1, or 2.35:1, this applies.
- 2) The internal DVD player has been set for a 4:3 display instead of a 16:9, wide display. See DVD Setup on Page 19 to correct this.
- 3) The "widescreen" DVD movie you are viewing is not "anamorphic" or "enhanced for widescreen televisions". These films, often older DVD conversions, are not recommended for viewing on widescreen displays. You can usually determine if your DVD was produced for optimum compatibility with widescreen televisions by looking for the word "anamorphic" or the phrase "enhanced for widescreen televisions" on the box.

WHAT CAN I DO?

Rosen recommends that for best results you use DVD's that say "anamorphic" or "enhanced for widescreen televisions" on the box. However, this system can get rid of black bars with just about any DVD, by following the steps on the next page.

*Note: To watch "fullscreen" DVD's or broadcast television (using an optional TV tuner), you can use the **DISPLAY** button to select "STANDARD". This will properly size the image, instead of stretching the image across the wide screen. In "STANDARD" mode, you **will** see black bars on the **sides** of the image.*

Eliminating Black Bars when viewing a DVD:

1) Make sure that the internal DVD player is set to "WIDE"
(see DVD Setup, page 13).

2) Use the DISPLAY button to select "Wide" or "Zoom".

- To view widescreen DVD's, use "Wide".
- To zoom the picture, use the "Zoom" mode.

Note: This feature will slightly "crop" the edges of the image. For best results when zooming in on DVD images, use the Disc Zoom feature below - not the "Zoom" Display Mode.

If this solution still isn't satisfactory, go to step 3.

3) Use the Disc Zoom feature to completely fill the screen.
Again, the edges will be "cropped", but the screen will be filled.

Press the **DISC ZOOM** button during playback to select among the available options. You can then use the arrow buttons to shift the magnified image left and right.



Note: Best results are obtained by connecting only widescreen displays to the system. The DVD player can provide either widescreen video or standard, non-widescreen video - it cannot provide widescreen video for one screen and standard video for other screens. Your Rosen authorized dealer offers a selection of high-quality widescreen automotive displays.

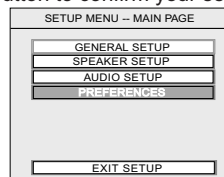
DVD TYPICAL SETUP AND CONFIGURATION

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

Note: Many DVD menu settings do not apply to this system, since it is specifically engineered for automotive use. Changing the state of some settings can cause apparent system failure. Don't change any settings other than those described in this section. If you have questions about the original state of any DVD setting, please see the list on page ...

To change the settings for the internal DVD player:

- 1 Press **SETUP**.
- 2 Use the Up and Down navigation buttons to highlight a selection.
- 3 Press the **ENTER** button to confirm your selection



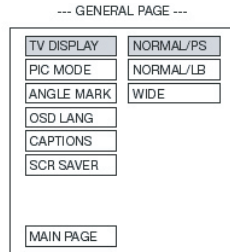
Try to perform an action that is not permitted or not permitted while a disc is playing, this on-screen symbol will appear:



Note: To access the Preferences page, you must completely stop playback of any loaded disc, or eject the disc completely.

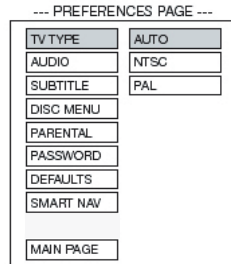
Changing the Aspect Ratio Mode

This is under the GENERAL SETUP tab, under TV DISPLAY. The correct setting is WIDE. Changing this setting to NORMAL/PS or NORMAL/LB will result in distorted video.



Changing the Video Output Mode

To change the video output mode, select PREFERENCES, and then select TV TYPE. The default is NTSC. If you want to be able to play PAL discs on your NTSC monitors, select PAL. If you change this setting and the picture “rolls”, see your Rosen dealer.



Note: The setting “AUTO” will automatically output NTSC video from NTSC discs, and PAL video from PAL discs. NTSC is the North American standard. Some discs may not play properly when AUTO is selected.

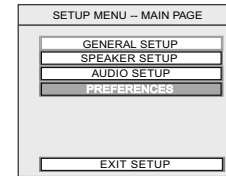
Parental Control

The factory set Parental Control password is 3308.

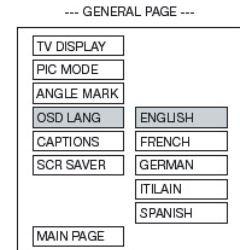
Changing Language Settings

Several language settings can be customized on the DVD Player. These languages can vary depending on the language supported by the DVD disc. To change these settings, select the PREFERENCES page.

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



To change the on-screen display language, select GENERAL and OSD LANGUAGE.



To change the soundtrack language, select PREFERENCES and AUDIO.

--- PREFERENCES PAGE ---

TV TYPE	
AUDIO	ENGLISH
SUBTITLE	FRENCH
DISC MENU	SPANISH
PARENTAL	CHINESE
PASSWORD	JAPANESE
DEFAULTS	GERMAN
SMART NAV	ITALIAN
MAIN PAGE	

To change the subtitle or caption language, select PREFERENCES and SUBTITLE.

--- PREFERENCES PAGE ---

TV TYPE	
AUDIO	
SUBTITLE	ENGLISH
DISC MENU	FRENCH
PARENTAL	SPANISH
PASSWORD	CHINESE
DEFAULTS	JAPANESE
SMART NAV	GERMAN
	ITALIAN
MAIN PAGE	OFF

To change the disc menu language, select PREFERENCES and MENU LANG.

NOTE: If you select another language, the change takes effect immediately on the on-screen menu, making any needed correction difficult if you select a language you don't read. Avoid changing menu languages unless absolutely needed.

--- PREFERENCES PAGE ---

TV TYPE	
AUDIO	
SUBTITLE	
DISC MENU	ENGLISH
PARENTAL	FRENCH
PASSWORD	SPANISH
DEFAULTS	CHINESE
SMART NAV	JAPANESE
	GERMAN
MAIN PAGE	ITALIAN

Concealing the "Angle Mark"

To display or conceal the "angle mark," which appears during scenes that support a multiple-viewing-angle feature, select GENERAL and ANGLE MARK. Since the remote included does not support this feature, the default state for this setting is "OFF".

--- GENERAL PAGE ---

TV DISPLAY	
PIC MODE	
ANGLE MARK	ON
OSD LANG	OFF
CAPTIONS	
SCR SAVER	
MAIN PAGE	

Activating Captions and Subtitles

To enable or disable captions or subtitles, select GENERAL and CAPTIONS.

--- GENERAL PAGE ---

TV DISPLAY	
PIC MODE	
ANGLE MARK	
OSD LANG	
CAPTIONS	ON
SCR SAVER	OFF
MAIN PAGE	

Note: If CAPTIONS is set to OFF, the SUBTITLE button will be defeated from working. If SUBTITLE OFF is selected under Preferences - Audio, then the SUBTITLE button can still enable subtitles during playback, as long as CAPTIONS is set to ON.

Deactivating the "Smart Nav" MP3 On-Screen Menu Display

To play MP3 discs without the "Smart Nav" on-screen menu display, select PREFERENCES, then SMART NAV.

--- PREFERENCES PAGE ---

TV TYPE	
AUDIO	
SUBTITLE	
DISC MENU	
PARENTAL	
PASSWORD	
DEFAULTS	NO MENU
SMART NAV	WITH MENU
MAIN PAGE	

FREQUENTLY ASKED QUESTIONS

HOW DO I RESET MY SYSTEM?

To RESET the system, press and hold the RESET Button for 3 or more seconds. The RESET Button is located in the Display Pocket (*see page 7*)

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 SCREEN WILL NOT OPEN

The Screen REQUIRES POWER to open. Confirm that the System has power by checking to see if the Control Buttons are Illuminated when the Vehicle Key is in the On or ACC Position.

Solution: If the Control Buttons are NOT Illuminated, please replace the Power Fuse.

Solution: If the Control Buttons are Illuminated, Please use the Manual Open Card, located in the Owners Manual, and RESET the system as described above.

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 FMM to an alternate radio station. Then tune the Radio the newly selected station. The FMM is generally located under the dash area, and may require a visit to your Rosen Dealer.

MY DVD WILL NOT PLAY

Some DVDs will not play properly due to compatibility, dirty, edge roughness or damage to the disc.

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 it is scratched, cracked or warped.

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 Radio" 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 lockup the System.

Solution: Reset the System (as described above) then quickly press EJECT while the disc is spinning.

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

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

Solution: Check to insure that excessive pressure is not causing the DVD Slot to distort. If necessary, loosen the four mounting screws slightly to relieve pressure on the DVD Slot.

I DO NOT HAVE HEADPHONE AUDIO

The Headphone audio should be preset at all times, unless the 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 Setting and restore them to FACTORY SETTINGS if needed. (*see page 22*)

MY PICTURE FREEZES

Damaged or incompatible DVDs will cause the system to freeze and lockup the System.

Solution: Check and Clean the DVD as needed.

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

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

Solution: Reset the System (as described above).

FREQUENTLY ASKED QUESTIONS CONTINUED

MY RADIO LOSES ITS NORMAL STATIONS

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. (see page 21)

MY SYSTEM RESETS WHEN I START MY VEHICLE

Low voltage levels during starting the vehicle can fall below the minimum operating levels for the System.

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

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

For other questions and capabilities please contact your authorized Rosen dealer. To locate a Rosen Entertainment Systems authorized dealer, please visit www.rosenentertainment.com.

DVD FACTORY SETTINGS LIST

The factory default options are given in bold type.

GENERAL PAGE

TV DISPLAY: NORMAL/PS, NORMAL/LB, **WIDE**
 TV TYPE: MULTI, **NTSC**, PAL
 ANGLE MARK: ON, **OFF**
 OSD LANG: **ENGLISH**, CHINESE
 CAPTIONS: **ON**, OFF
 SCR N SAVER: **OFF**, ON

SPEAKER SETUP

DOWNMIX: LT/RT, **STEREO**

AUDIO SETUP

AUDIO OUTPUT: **ANALOG**, SPDIF/RAW, SPDIF/PCM
 DYNAMIC: OFF to **FULL** (eight steps)
 LPCM: 48K, **96K**

PREFERENCES PAGE

AUDIO: **ENGLISH**, FRENCH, SPANISH, CHINESE, JAPANESE
 SUBTITLE: ENGLISH, FRENCH, SPANISH, CHINESE, JAPANESE, **OFF**
 DISC MENU: **ENGLISH**, FRENCH, SPANISH, CHINESE, JAPANESE
 LOCALE: CHINA, FRANCE, HONG KONG, JAPAN, TAIWAN, GBR, **USA**
 PARENTAL: **OFF**
 PASSWORD: **3308**
 SMART NAV: No menu, **with menu**

SERVICE PARTS

Part Number	Description	Part Number	Description
AC3567	Remote Control	AC3323	Wireless FM Transmitter
AC3532	FMM Harness		- Available Frequencies:
AC3531	Power Harness		88.1, 88.3, 88.5, 88.7
AC3530	AUX In/Out Harness	AC3196	7 Channel FM Modulator
AC3529	Dome Light Harness		- Available Frequencies:
AC3140	IR Single Channel Headphones		87.7, 87.9, 88.1, 88.3, 88.5, 88.7, 88.9

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