ROSEN
www.rosenentertainment.com

In-Dash Multi-Media / Navigation System

DS-GM0710

System Features

- High resolution, touch-screen LCD display
- Navigation includes text-to-speech voice and visual turn-by-turn directions, 5 Million+ Points-Of-Interest library, 3D route and building views for major cities, plus 3 language options (English, Spanish, French-Canadian)
- Play DVD movies, audio CDs or discs with MP3 music files
- AM-FM stereo tuner with 24 station presets (18 FM, 6 AM)
- Bluetooth Hands-Free interface with built-in microphone
- iPod™ interface
- XM Satellite Radio ready
- Supports the vehicle's steering wheel controls
- USB & SD Card ports for multi-media playback (SD on some models)
- Back-Up Camera and/or sensor ready
- Dual Zone interface for optional rear seat displays
- Custom DVD Splash Screen capable

NOTICE OF INTENDED USE

Some features of Rosen Entertainment Systems are not intended for viewing by the driver when the vehicle is in motion, such as movie playback. When using navigation, minimize the amount of time spent viewing the screen and use voice prompts as much as possible. Avoid prolonged use of the touch screen controls. 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.

Controls & Basic Operations

- IMPORTANT -
More detailed system operating instructions
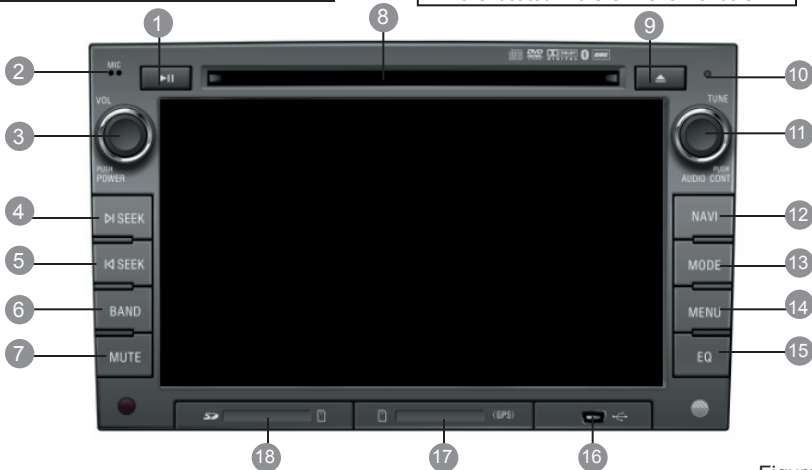are located in the Owner's Manuals

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Figure 1.

Control Button Details (as shown in Figure 1.)

1 When in DVD/CD Mode, press to Pause or Play.

2 Microphone for Bluetooth hands-free

3 Turn the knob to adjust the volume. Press in to turn system ON/OFF.

4 5 When in Radio Mode, press to play the Next/Previous Preset station. Press and hold to scan for stations. When in DVD, or iPod™ Mode, press to select the Next/Previous song or chapter.

6 Press to cycle through FM and AM or XM if equipped.

7 Mute/Unmute

8 CD/DVD/MP3 Disc Slot

9 Eject button for DVD Mode.

10 System reset (if required). Use a paper clip (or similar) to press.

11 When in Radio Mode, turn the knob to select the station. Press to select Bass, Mid, Treble Audio Modes. Turn to adjust tone.

12 Enter/Exit Navigation Mode (navigation can only be exited by pressing this button).

13 Press repeatedly to cycle through different sources.

14 Press to enter main menu.

15 Press to change audio equalizer presets.

16 Mini USB for external media device.

17 SD Card Slot (for navigation only).

18 SD Card Slot

Turn System On/Off

Vehicle ignition must be On or in ACC Mode to operate system.

Press the Left Knob on the panel to turn the system ON/OFF (Figure 2).

Volume Adjustment

Turn the Left Knob on the panel to adjust the volume (Figure 2.).

Figure 2.

Main Menu

From any other screen, touch **MAIN** to enter Main Menu (Figure 3.) The Main Menu includes TV, Bluetooth, iPod™, Radio, XM, DVD, AV, Navigation and Setup.

Figure 3.

For detailed information of these functions, please refer to the "User's Manual".

TV	Bluetooth	iPod™	AM/FM Radio	SAT Radio
DVD	Auxiliary Input	Navigation	System Setup	Return

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Before using the Rosen Navigation software, read this entire manual. Make sure that you are familiar with the system's features and know how to operate the system.

Glance at the screen only when necessary and safe to do so. Let the computer voice guide you. If prolonged viewing is necessary, pull off the road to a safe location.

Introduction to Your Rosen Navigation
Rosen Navigation provides turn-by-turn visual and voice assistance to direct you to your selected destination. It quickly calculates step-by-step directions to any destination available on the included navigation map.

Rosen Navigation uses Global Positioning System (GPS) satellites, and a digital roadway map database to calculate and display travel directions. The system's GPS antenna receives signals from a constellation of 24 satellites orbiting the earth and uses the strongest of signals, to determine your position to within meters.

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Before operating your Rosen Navigation system, please carefully read and follow the instructions provided in the "Safety Information and Precautions"
located on Page 14 of this Quick Start Guide.

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For Complete Operating Instructions
Please refer to the Rosen Navigation User's Manual to find complete instructions on the operation and many features of the Rosen Navigation System.
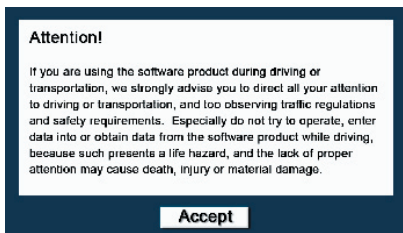
Initial Touch Screen Calibration
You may need to calibrate the touch screen when the system is first used. To do this, enter the Navigation Mode immediately after you turn the system on. Follow the Information screens as indicated.

Start Up/Main Menu

When the Rosen Navigation software starts, you will see the reminder warning to use your Rosen Navigation software safely and lawfully.

Note: Please refer to the User's Manual for additional information and warning on the proper use of the Rosen Navigation product.

Warning Screen

Main Menu

Attention!

If you are using the software product during driving or transportation, we strongly advise you to direct all your attention to driving or transportation, and too observing traffic regulations and safety requirements. Especially do not try to operate, enter data into or obtain data from the software product while driving, because such presents a life hazard, and the lack of proper attention may cause death, injury or material damage.

Accept

The Attention screen is displayed each time the system is turned ON as a reminder to make use of the navigational aids in a safe manner.
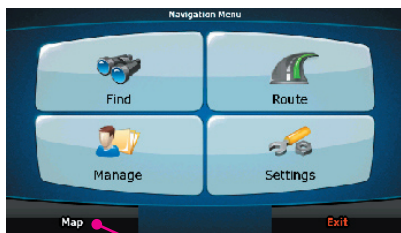
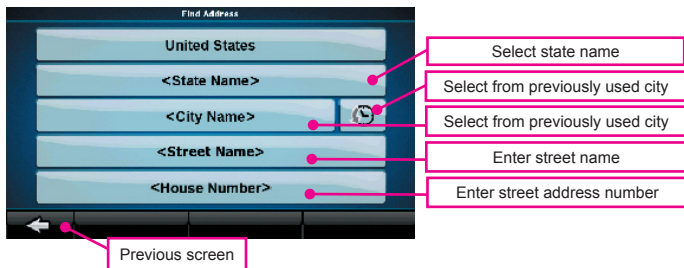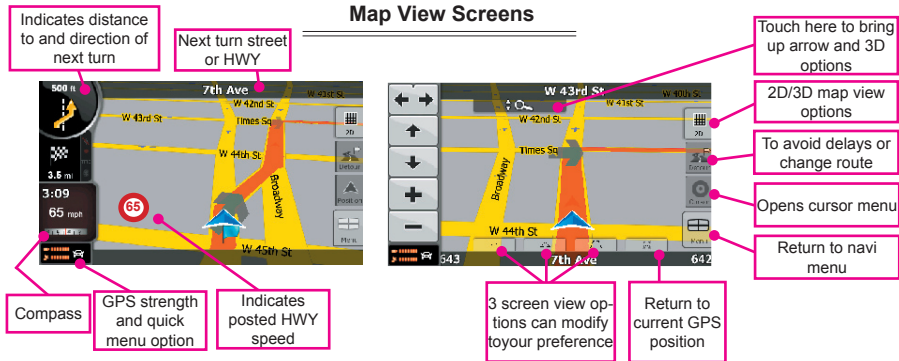Select to display the map view

Main Menu Option		Select this Option to...
Find		Pick a destination for routing
Manage		Organize or select saved routes or Points-Of-Interest
Route		Edit or cancel a route in progress
Settings		Set preferences for routing, map, screen, navigation and more

Find Address Screen

United States

<State Name> — Select state name

<City Name> — Select from previously used city — Select from previously used city

<Street Name> — Enter street name

<House Number> — Enter street address number

Previous screen

Map View Screens

Indicates distance to and direction of next turn

Next turn street or HWY

Touch here to bring up arrow and 3D options

2D/3D map view options

To avoid delays or change route

Opens cursor menu

Return to navi menu

Compass

GPS strength and quick menu option

Indicates posted HWY speed

3 screen view options can modify to your preference

Return to current GPS position

Button	Select this Option to...	Button	Select this Option to...
+ −	Zoom the map view in and out	▦	Switch map display between 2D and 3D views.
↑ ↓	Horizon up/down adjustment for 3D view	▭	Display menu, jump to Main Menu

Points of Interest Screen

POI Menu Option	Select this Option to...
Around Address	Find POI by state, city and address
Around Cursor	Find POI by a cursor or location you have selected
Around GPS Position	Locate POI by your current satellite location
Around Destination	Find POI around your final destination
Along Route	Find POI along your current route

NOTE: Once you have selected your POI Menu Option and entered the requested data, the screen will switch to the POI Category Screen.

Set-Up Menu

You may customize the Rosen Navigation software to your own preferences. Select **Settings** from the Navigation Menu. You have 8 user preference categories shown on 2 screens, the second located by pressing the right arrow $\triangleright$. In each of the 8 user preference categories, there are numerous options that can be changed.

Screen 1

Fine tune the appearance of the map screen

Route settings

Set how the system navigates

Change settings for language, voice, measurements, time, etc.

Screen 2

Modify look and behavior of menu screens

Enable and disable driving warnings such as speeding

Set connection to TMC receiver (if equipped)

Information on maps and licenses included
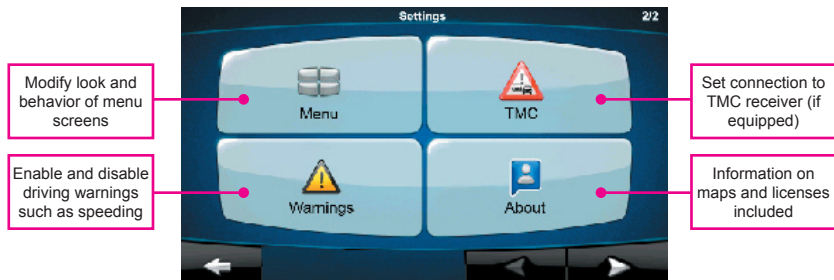
Help For further explanations of screen options, press the Help button located on the lower Right Hand side of screen (if shown).

Bluetooth Hands-Free

The system provides Bluetooth Hands-Free communication function. If your mobile phone is Bluetooth enabled, it can establish a point-to-point connection with the system, providing tele-phone dial up, call answering, Phonebook and Bluetooth music play functions.

Note: Bluetooth modules and software of cell-phones vary by brand and date of manufacture. Some functions may be different or not compatible with this system during actual use.

Enter/Exit

To Enter: From Main Menu (Figure 3.)
touch the ![bluetooth icon] icon.

To Exit: From Bluetooth screen (Figure 4)
touch ![back button] button in the
upper left hand corner.
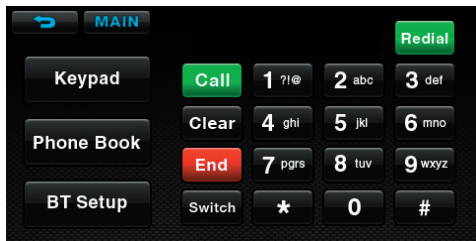
Figure 4.

Pairing Your Phone

Touch ![Pair] Open the Bluetooth function of your cell phone and enable the Bluetooth device search function. "Pairing" will be displayed on the screen. After the connection succeeds, your cell phone will display (Rosen). Connect to the device by entering the password (1234). The system will indicate "Linking" and then "Connected." When your phone is connected its name will be displayed on the unit.

Touch ![Auto Connect] (Figure 6.) if you desire the system's Bluetooth feature to automatically detect your cell phone when the vehicle and system are turned on.

Figure 5.

Figure 6.

Making/Ending A Call (Figure 7.)

You can dial the number from your cell phone or use the touch-screen shown at the right by entering the number, then press the **Call** icon to dial. Press **Clear** to clear.

Touch **Switch** to transfer the call to your cell phone. Press again to transfer the call over speakers. Press **End** to end the call.
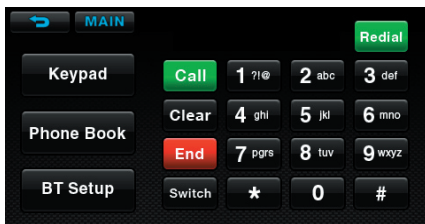

Figure 7.

Answer A Call (Figure 8.)

For incoming calls, the system will automatically switch to the answer screen.

Press the **Answer** icon to answer call or the lower **End** to refuse the call

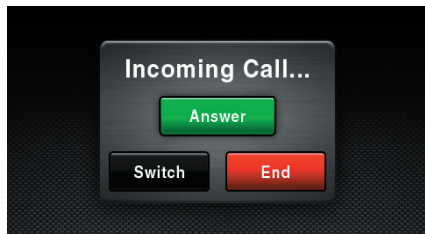Touch **Switch** to transfer call between cell phone and car speakers.

Figure 8.

Phonebook (Figure 9.)

Touch **Phone Book** and the Phonebook will appear. The phonebook can be used to view incoming numbers, received numbers and missed numbers.

The system will not display your cell phone's internal phonebook but will show the last 5 numbers dialed, received or missed. Press the appropriate button on the screen to view the numbers.
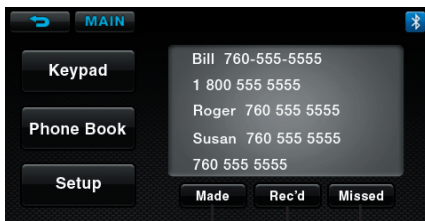
Dialed   Received   Missed   Figure 9.

iPod™ Audio/Video

When the system is connected to an external iPod™ player, the audio and video files stored on the iPod™ can be played through the system.

Note: Sleep mode should be enabled on the iPod™ to reduce the event of battery drain.

Enter (Figure 10.)

From the Main Menu, touch the ![iPod icon] icon to enter the iPod™ control system.

Figure 10.

Touch Button Descriptions (Figure 11.)

Keypad	Pop up/hide the number pad
Repeat	Repeat the current played song
Scan	Scan and play songs in the current folder. The next song will be played after the current song has been finished for 10 seconds.
Random	Play songs in the current folder at random.
EQ	Press once to display song information. Press twice to display spectrum equalizers.

Return to upper menu
Page up
MENU
Previous track
Next track
Play/pause
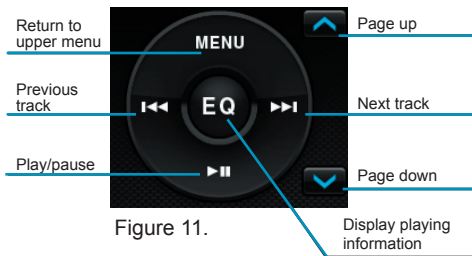Page down
Display playing information

Figure 11.

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Main Menu (Figure 12.)

Touch **MENU** to enter category list. The system categorizes files into 6 options you can select as shown in screen shot.

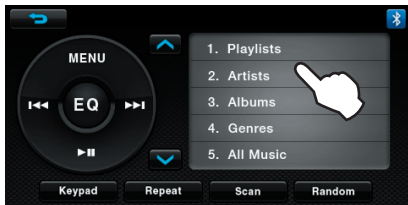Touch the desired category to select that section.

Figure 12.

| 1. Playlists |
| 2. Artists |
| 3. Albums |
| 4. Genres |
| 5. All Music |

Play A Song (Figure 13.)

Touch the song shown on playlist to play.
Touch I◀◀ to select previous song or
▶▶I to select next song.

Touch the ▲ arrow for page up or
▼ for page down.

Figure 13.

Touch the center of the control EQ
plate to display the play information on the screen or to access the Equalizer (EQ) Figure 14.).

Play A Video (Figure 15.)

Touch **MENU** to enter category list.
Touch 6. Video to switch to iPod™ operation.

From your iPod™ press Play for the video file desired. The file will be transferred to the system.

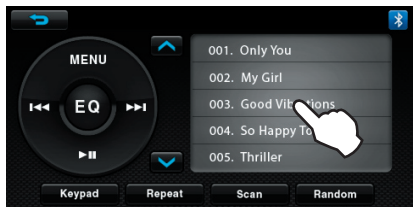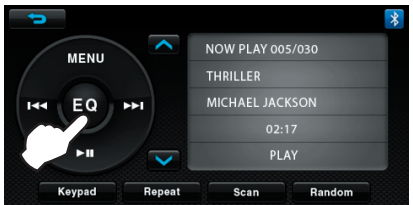**NOTE:** Video function may not be supported on all iPod models.

Figure 14.

Figure 15.

XM™ Satellite Radio (optional)

Figure 16.

Enter (Figure 16)

From the Main Menu, touch the [Sat] icon to enter the XM Radio function.

Touch Button Descriptions (Figure 17)

Touch ◄◄ and ►► seek previous and next available stations.

Touch **Band** to select SAT1, SAT2, SAT3 Channel Preset screens.

To select a station as a Preset, press and hold a PRESET bar. The name of the station will appear in the bar when saved.

Figure 17.

Play A Preset Channel (Figure 18)

Touch the desired Preset channel. The channel will load and begin to play.

NOTE: The background of the selected channel will become lighter.

Figure 18.

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Safety Information and Precautions

**WARNING! Please read and follow the following safety precautions.
Failure to follow the instructions below may increase
your risk of collision and personal injury.**

The Rosen Navigation software is not a substitute for your personal judgment. The route suggestions should never supersede

any local traffic regulation or your personal judgment and /or knowledge of safe driving practices. Prior to completing any maneuvers suggested by your Rosen Navigation software (for example, a U-turn or a left turn), verify that you can legally and safely complete the maneuver. Do not follow route suggestions if they direct you to perform an unsafe or illegal maneuver, would place you in an unsafe situation, or would route you into an area that you consider unsafe.

Do not use the Rosen Navigation software to locate emergency services (such as police, fire stations, hospitals, and clinics). The database may not include all emergency service providers. Use your own best judgment and ask for directions in these situations.

If the vehicle is in motion, only a passenger should program the Rosen Navigation software. The driver should not program the system unless the vehicle is parked in a safe location.

The Rosen Navigation software's map database provides information on suggested routes without regard to factors that may affect your driving experience or the time required to arrive at your destination. For example, the system does not reflect road detours, closures or construction, some road characteristics (e.g., road surface, slope or grade, weight or height restrictions, etc.), temporary traffic congestion, weather conditions, and similar factors.

Vehicle Position
The Rosen Navigation software's computer considers vehicle speed and heading changes, together with longitude and latitude information, to accurately determine vehicle heading and position on a digital map.

Map and Information Database
The map database used by your Rosen Navigation software was created using high-resolution aerial and land based data collection.

Car navigation maps are frequently updated. While the database was judged to be as accurate as possible at the time of its release, a map database can never be 100% accurate. Road information that is maintained in the map databases, such as turn restrictions or road names may change over time.

End-User License Agreement
Please refer to the Rosen Navigation User's Manual to review and accept the terms and conditions in the End-User License before operating this product.

About the Registered Marks

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