

# Owner's Manual

## In - Dash Navigation Radio

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## Introduction

Congratulations on your purchase of the in-dash navigation radio. Please read the instruction manual for this product before using. The documentation provided will allow you to fully enjoy all the features this unit has to offer. Please save this manual for future reference.

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Bluetooth<sup>®</sup> is a trade mark of Bluetooth Special Interest Group (SIG) Inc.



NAVIGATION

VIDEO



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### **WARNING!**

**Never install this unit where operation and viewing could interfere with safe driving conditions.**

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### **WARNING!**

**To reduce the risk of a traffic accident (except when using for rear view video camera) never use the video display function while driving the vehicle. This is a violation of federal law.**

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### **WARNING!**

**To prevent injury from shock or fire, never expose this unit to moisture or water.**

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### **WARNING!**

**Never disassemble the unit.**

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### **WARNING!**

**Never use irregular discs.**

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### **WARNING!**

**To prevent damage to the mechanism inside this unit, avoid impact to the unit's monitor.**

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### **WARNING!**

**Using an improper fuse may cause damage to the unit and result in a fire.**

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## Features

### General

- Bluetooth - Bluetooth hands-free profile for safety / convenience and A2DP profile for streaming music from a PDA / PMP
- Built-in Navigation
- Composite Video Outputs for Additional Screens
- Audio /Video Auxiliary Input
- Rotary Encoder Audio Control
- Nine-Band EQ with Three Preset and Three User-defined EQ Curves
- Subwoofer Control
- Rear Camera Input

### DVD

- Aspect Ratio - 16 : 9 or 4 : 3
- Fast Forward, Fast Reverse
- Play, Pause, Stop, Next Chapter, and Previous Chapter

### CD / MP3 / WMA

- Direct Track Access
- Forward / Reverse Track Search
- Random, Repeat, and Intro
- Play, Pause, Stop, Next Track, and Previous Track

### AM-FM

- Station Presets (12 FM, 6 AM, 18 XM)
- Auto Stereo/Mono
- Seek, Scan, and Preview Scan

**Satellite Radio Ready**

- Compatible with XM Tuner (Sold Separately)
- Satellite Channel Name, Artist, Song and Categories Displayed on Monitor

**iPhone**

- Access Phone Playlists, Artists, Albums, Songs, \*Photos and \*Video (\* Requires Photo or Video ), and shows album art
- Power Management Charges iPhone while Connected

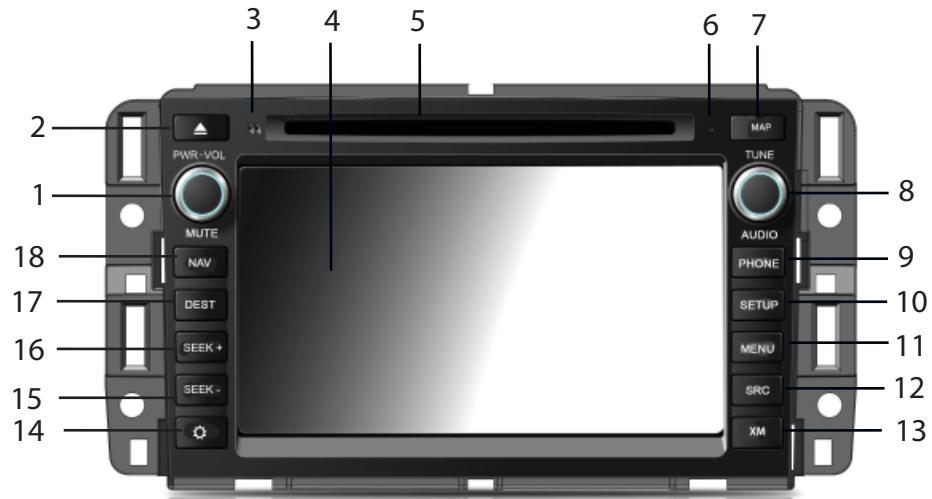
**Navigation**

- The mobile multimedia receiver provides turn-by-turn guidance with a large map and points-of-interest data base.

**Rear Camera**

- The in-dash navigation radio is "camera ready."

## Controls and Indicators



NOTE: The above image shows a generic radio. Your radio may or may not have the following features.

### CONTROLS AND INDICATORS

#### 1. Power, Volume, and Mute Control Knob

Press the knob to turn the unit on. Press and hold the knob for 2 seconds to turn the unit off. To increase the volume, rotate the knob clockwise. To decrease the volume, rotate the knob counter-clockwise. Press the knob momentarily to mute the audio. Press the knob again to restore the audio.

#### 2. Eject (▲) Button

Press this button to eject a DVD/CD/MP3 disc. Disc play is stopped, the disc is ejected and the unit will change to radio operation. If the disc is not removed from the unit and the button is pressed again, the disc will be re-loaded. If the disc is not removed from the disc slot within 10 seconds of being ejected, it will be automatically re-loaded to prevent it from being accidentally damaged.

#### 3. Not Used

Not used.

#### 4. LCD Screen and Touch Screen

Press icons on this screen to access menus or control functions.

#### 5. Disc Slot

Accepts DVD/CD/MP3 discs. If the unit is turned on, playback begins when a disc is inserted.

#### 6. Reset Button

Press to reset the system to correct a system halt or other illegal operation. Use the tip of a pen to press the Reset button. The Reset button may be located in a different location on your model.

**7. MAP Cover**

This may be used for firmware updates if required.

**8. Tune/Audio Control Knob**

When the unit is set to Radio mode, rotate this knob to acquire the next or previous available frequency/channel in the XM Satellite radio mode. When the unit is set to the DVD mode, rotate this knob to select the next or previous chapter.

Press this knob to access the Audio Controls Screen. Press this knob again to exit.

**9. PHONE Button**

Press this button to access the Bluetooth touch screen menu.

**10. SETUP Button**

Press this button to access the Settings touch screen menu.

**11. MENU Button**

Press this button to access the Main touch screen menu.

**12. SRC Button**

Press to switch the various audio/video sources applied to the unit.

**13. XM Button**

Press this button to access the XM Satellite Radio touch screen menu (if equipped).

**14. Dimmer ( ) Button**

Press this button to adjust the LCD screen brightness as follows: Screen Off, Dark, Soft or Bright. ☀

**15. SEEK + Button**

When the unit is set to Radio mode pressing this button will acquire the next channel in XM Satellite Radio mode (if equipped).

**16. SEEK - Button**

When in the Radio mode pressing this button will acquire the previous available frequency. When the unit is set this button will select the previous song in channel in XM Satellite Radio mode (if equipped).

**17. DEST Button**

Press this button as a shortcut to access the Navigation mode and enter a desired destination.

**18. NAV Button**

Press this button to switch between the Navigation mode and the current source being played. For example, you may switch from the radio to navigation and then back to the radio.



## **MEDIA LINK**

The unit contains an audio/video input which can accept signals from various jack, or an iPhone. The iPhone is connected using the iPhone adapter cable that comes with your iPhone or available separately. The

## **HANDS FREE MICROPHONE**



The hands-free microphone is installed in your vehicle in a location that provides optimum voice reception.



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## Quick Start Guide

### **Turning the Unit ON or OFF:**

Press the front panel Power/Volume/Mute control knob to turn the unit on. To turn the unit off, press and hold the front panel Power/Volume/Mute control knob for 2 seconds.

### **Playing a DVD/CD/MP3 Disc:**

1. Turn the unit on.
2. Insert a DVD/CD/MP3 disc into the disc slot, label side up. Playback begins when a disc is inserted.

### **Selecting Audio/Video Sources, Navigation or System Settings:**

1. Press the front panel MENU button or touch screen Menu icon to view the Main Menu Screen.

### **Adjusting the Volume:**

To increase or decrease the volume level, turn the front panel Power/Volume/Mute control knob. The unit's front panel screen will display the volume level for 3 seconds. The volume level ranges from "0" to "60".

### **Muting the Audio:**

Press the front panel Power/Volume/Mute control knob to mute the audio from the unit. "MUTE" (🔇) is displayed on the LCD screen. Press the Power/Volume/Mute control knob again to restore the audio volume to its previous level. Adjusting the volume or using any of the audio setup features cancels the mute function.



#### Adjusting Fade and Balance:

1. Press the front panel Tune/Audio control knob or touch screen Audio icon to view the Audio Control Screen.



2. Press the "L" or "R" icons to adjust the left/right balance, or press the "F" or "R" icons to adjust the front/rear fade.
3. Press the touch screen Back icon to return to the current source.

#### Adjusting Equalizer Controls:

1. Select an audio/video source.
2. Press the touch screen EQ - Equalizer icon to view the Equalizer Screen.



3. To adjust audio to meet the acoustical characteristics of your vehicle:
  - a. Press the 9-band graphic equalizer up or down cursors.
  - b. Select a preset level by pressing the Classical, Pop or Flat icons.
  - c. Select a user-defined setting by pressing the User 1, User 2 or User 3 icons.
4. Press the touch screen Back icon to return to the current source.

#### Resetting the System:

To correct a system halt or other illegal operation, use the tip of a pen to press the reset button located on the front of your unit.



## Main Menu

### MAIN MENU SCREEN

The Main Menu Screen allows you to select an audio/video source for the front and rear zone. In addition, you may access the Navigation or System Setup functions.

#### **Mute Indicator:**

This indicator is displayed when the volume is muted.

#### **Time Display:**

This indicator displays the time as entered by the user in the Settings Menu.

#### **Disc Icon:**

Press this icon to access the CD/DVD/MP3 Controls Screens. The screen that appears depends on the type of disc that you have inserted. This icon is gray if a CD/DVD/MP3 disc is not inserted.

#### **Radio Icon:**

Press this icon to access AM/FM Radio Screen.

#### **XM Radio Icon:**

Press this icon to access the XM Satellite Radio Screen. This icon is gray if your vehicle is not equipped with XM Satellite Radio.

#### **Icon:**

Press this icon to access the iPhone Screen. This icon is gray if an iPhone is not connected to the Media Link.

#### **Rear LCD Icon:**

Press this icon to access the Rear LCD Screen. This screen allows a user to control DVD video in the rear of a vehicle equipped with rear monitors. This icon is gray if rear monitors are not installed.

#### **Navigation Icon:**

Press this icon to access the Navigation Screen.

#### **Bluetooth Icon:**

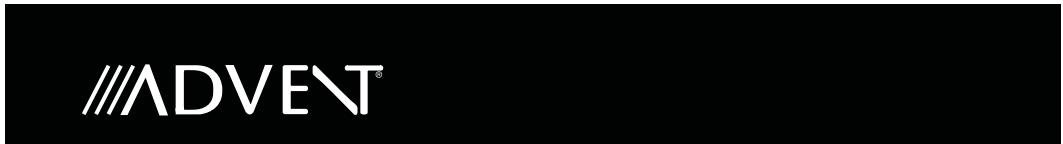
Press this icon to access the Bluetooth Screen.

#### **AV IN Icon:**

Press this icon to access the Audio/Video Input Screen. The input can be various media devices. This icon is gray if an A/V device is not connected.

#### **Settings Icon:**

Press this icon to access the unit's Setup Screen.



**Orange/Blue Icon:**

Press this icon to toggle between an orange or blue LCD display.

**Night/Day Icon:**

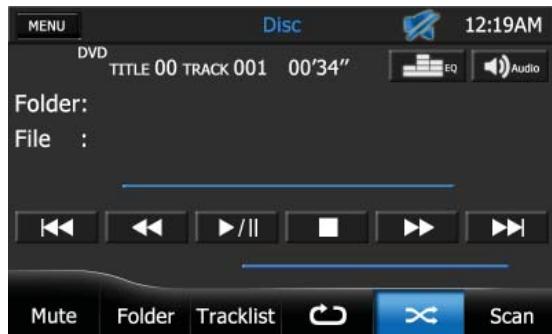
**Screen Off Icon:**

**Dark Icon:**

**Soft Icon:**

**Bright Icon:**

## CD/MP3 Audio Disc Operation



Information Display

### CD CONTROLS SCREEN

Upon inserting a compact disc, CD mode is entered and disc playback begins.

#### **MENU Icon:**

Press this icon to return to the Main Menu Screen.

#### **🔇 Mute Indicator:**

This indicator is displayed when the volume is muted.

#### **Time Display:**

This indicator displays the time as entered by the user in the Settings Menu.

#### **Playback Information Display:**

Displays type of disc currently inserted, title number, track number, elapsed time, file, folder, and stop/play/pause status information.

#### **EQ - Equalizer Icon:**

Press this icon to access the equalizer controls.

#### **🔊 Audio Icon:**

Press this icon to access the audio controls.

#### **◀◀ Previous Icon:**

Press this icon to play the previous track.

#### **◀◀ Fast Reverse Icon:**

Press this icon to fast reverse playback.

#### **▶/|| Play/Pause Icon:**

Press this icon to begin playback. Press this icon again to pause playback.

#### **■ Stop Icon:**

Press this icon to stop playback.

#### **▶▶ Fast Forward Icon:**

Press this icon to fast forward playback.

#### **▶▶ Next Icon:**

Press this icon to play the next track.

#### **Mute Icon:**

Press this icon to mute the audio output of the unit. The mute indicator will appear. Press this icon again to unmute the volume. The mute indicator disappears.

#### **Folder Icon:**

When a CD is playing, this icon is gray, indicating that it can not be selected.

**Tracklist Icon:**

Press this icon to access the Tracklist Direct Entry Screen.

**⟳ Repeat Icon:**

Press this icon during playback to repeat playback of the current track. Press this icon a second time to repeat all tracks in a directory. Press the icon once again to turn the repeat feature off.

**🔀 Shuffle Icon:**

Press this icon to play tracks in the directory in a random order.

**Scan Icon:**

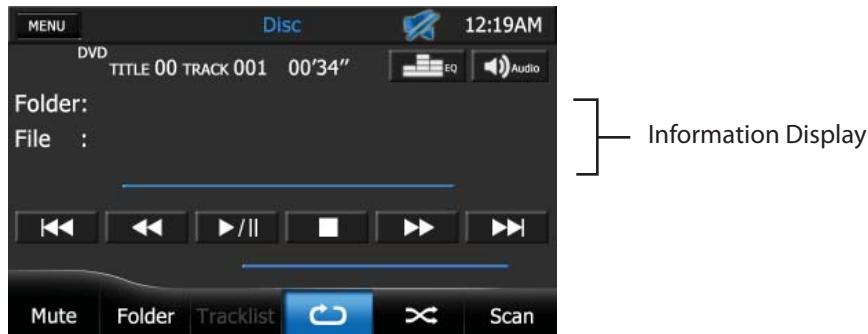
When a CD is playing, this icon is gray, indicating that it can not be selected.

**TRACKLIST DIRECT ENTRY SCREEN**

When the Tracklist icon is pressed, the Tracklist Direct Entry Screen appears. You can directly select a track by pressing the corresponding number icon. Title number, track number, and elapsed time information is displayed.

**Back ⏪ Icon:**

Press this icon to return to the CD Controls Screen.



Information Display

## MP3 CONTROLS SCREEN

MP3 is a format for storing digital audio. An audio CD -quality song can be compressed into the MP3 format with very little loss of quality, while taking up much less space.

Upon inserting a MP3 disc, MP3 mode is entered and disc playback begins. The unit plays the songs in the order they were burned on to the disc.

### **MENU Icon:**

Press this icon to return to the Main Menu Screen.

### **🔇 Mute Indicator:**

This indicator is displayed when the volume is muted.

### **Time Display:**

This indicator displays the time as entered by the user in the Settings Menu.

### **Playback Information Display:**

Displays type of disc currently inserted, title number, track number, elapsed time, file, folder, and stop/play/pause status information.

### **🔊 EQ - Equalizer Icon:**

Press this icon to access the equalizer controls.

### **🔊 Audio Icon:**

Press this icon to access the audio controls.

### **⏮ Previous Icon:**

Press this icon to play the previous file.

### **⏪ Fast Reverse Icon:**

Press this icon to fast reverse playback.

### **▶/⏸ Play/Pause Icon:**

Press this icon to begin playback. Press this icon again to pause playback.

### **⏹ Stop Icon:**

Press this icon to stop playback.

### **⏩ Fast Forward Icon:**

Press this icon to fast forward playback.

### **⏭ Next Icon:**

Press this icon to play the next file.

### **🔇 Mute Icon:**

Press this icon to mute the audio output of the unit. The mute indicator will appear. Press this icon again to unmute the volume. The mute indicator disappears.

### **📁 Folder Icon:**

Press this icon to access the Folder Direct Entry Screen.

**Tracklist Icon:**

When a MP3 disc is playing, this icon is gray, indicating that it can not be selected.

**Repeat Icon:**

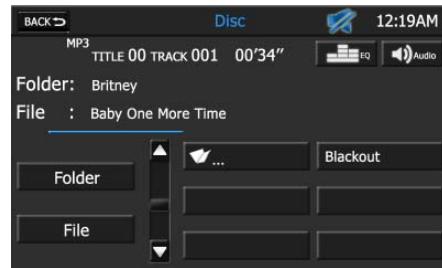
Press this icon during playback to repeat playback of the current file. Press this icon a second time to repeat all files in a directory. Press the icon once again to turn the repeat feature off.

**Shuffle Icon:**

Press this icon to play files in the directory in a random order.

**Scan Icon:**

When a MP3 disc is playing, this icon is gray, indicating that it can not be selected.

**FOLDER DIRECT ENTRY SCREEN**

When the Folder icon is pressed, the Folder Direct Entry Screen appears.

**Back ↺ Icon:**

Press this icon to return to the MP3 Controls Screen.

**Folder Icon:**

Press this icon to view the list of folders burnt on to the disc. You can directly access the folder contents by pressing the corresponding folder name icon. The folder name icon is located on the right side of the screen.

**File Icon:**

Press this icon to view a list of MP3 files located in a directory. You can directly play back a file by pressing the corresponding file name icon. The file name icon is located on the right side of the screen. Title number, track number, and elapsed time information is displayed.

## DVD Operation



Information Display

### DVD CONTROLS SCREEN

Upon inserting a DVD disc, DVD mode is entered and disc playback begins.

**NOTE:** When properly installed, DVD video can not be displayed on the front LCD screen unless the parking brake is applied. Rear zone video outputs and rear video screens, if equipped, will operate normally.

#### **MENU Icon:**

Press this icon to return to the Main Menu Screen.

#### **🔇 Mute Indicator:**

This indicator is displayed when the volume is muted.

#### **Time Display:**

This indicator displays the time as entered by the user in the Settings Menu.

#### **Playback Information Display:**

Displays type of disc currently inserted, title number, track number, elapsed time, file, folder, and stop/play/pause status information.

#### **🔊 EQ - Equalizer Icon:**

Press this icon to access the equalizer controls.

#### **🔊 Audio Icon:**

Press this icon to access the audio controls.

#### **⏪ Previous Icon:**

Press this icon to play the previous chapter.

#### **⏪ Fast Reverse Icon:**

Press this icon to fast reverse video playback.

#### **▶/⏸ Play/Pause Icon:**

Press this icon to begin playback. Press this icon again to pause playback.

#### **⏹ Stop Icon:**

Press this icon to stop playback.

#### **▶ Fast Forward Icon:**

Press this icon to fast forward video playback.

#### **▶▶ Next Icon:**

Press this icon to play the next chapter.

#### **🔇 Mute Icon:**

Press this icon to mute the audio output of the unit. The mute indicator will appear. Press this icon again to unmute the volume. The mute indicator disappears.

#### **📁 Folder Icon:**

When a DVD is playing, this icon is gray, indicating that it can not be selected.



**4:3 Icon:**

Press this icon to view a standard display image. The standard display image has a 4 to 3 ratio of horizontal to vertical, leaving a blank area on the right and left sides of the display.

**16:9 Icon:**

Press this icon to view a wide screen display image. The wide screen display image has a 16 to 9 ratio of horizontal to vertical, leaving a blank area on the top and bottom sides of the display.

**Full Icon:**

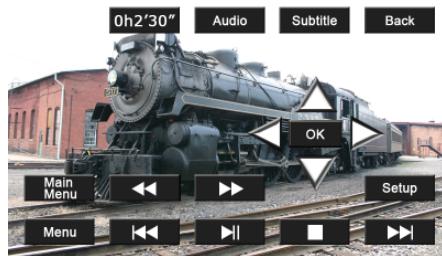
Press this icon to stretch the video to fill the entire screen.

**Video Icon:**

Press this icon to return to the video display.



## ON-SCREEN CONTROLS



To access the on-screen controls, touch the screen while a DVD is playing.

**NOTE:** The On-Screen Controls will turn off automatically if no selection is made within four seconds or if any other button is pressed.

### Elapsed Time Indicator:

This indicator displays the elapsed playing time of the current chapter.

### Audio Icon:

### Subtitle Icon:

### Back Icon:

Press this icon to return to the DVD Controls Screen.

### ▲, ▼, ◀, ▶, and OK Icons:

Press the ▲, ▼, ◀, or ▶ icons to navigate the DVD root menu. Press the OK icon to select an item.

### Main Menu Icon:

Press this icon to view the DVD root menu.

### ◀◀ Fast Reverse Icon:

Press this icon to fast reverse video playback.

### ▶▶ Fast Forward Icon:

Press this icon to fast forward video playback.

### Setup Icon:

Press this icon to access the Picture Adjustment Screen.

### Menu Icon:

### ◀◀ Previous Icon:

Press this icon to play the previous chapter.

### ▶▶ Play/Pause Icon:

Press this icon to begin playback. Press this icon again to pause playback.

### ■ Stop Icon:

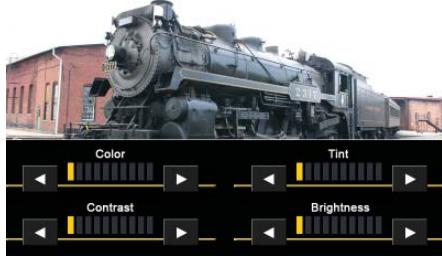
Press this icon to stop playback.

### ▶▶ Next Icon:

Press this icon to play the next chapter.



#### PICTURE ADJUSTMENT SCREEN



When watching a video, the color, tint, contrast or brightness can be adjusted to suit your preferences.

NOTE: The Picture Adjustment Screen will turn off automatically if no adjustment is made within four seconds or if any other button is pressed.

#### Adjustment Bar Icon:



Press the **◀** or **▶** cursor buttons to decrease or increase the desired setting by one increment.

## AM/FM Radio Operation



### AM/FM RADIO SCREEN

#### **MENU Icon:**

Press this icon to return to the Main Menu Screen.

#### **Mute Indicator:**

This indicator is displayed when the volume is muted.

#### **Time Display:**

This indicator displays the time as entered by the user in the Settings Menu.

#### **EQ - Equalizer Icon:**

Press this icon to access the equalizer controls.

#### **Audio Icon:**

Press this icon to access the audio controls.

#### **Previous Icon:**

Press this icon to tune to the previous strong station in a lower frequency band.

#### **Frequency Indicator:**

Displays the frequency of the radio station that is currently playing.

#### **Next Icon:**

Press this icon to tune to the next strong station in a higher frequency band.

#### **Preset Icons**

Presets consist of stations that were stored into memory. The radio can store 12 FM (6 FM1 and 6 FM2) and 6 AM stations. The preset icon displays the frequency of the station that it currently set to.

To store a station:

1. Tune to the desired station.
2. Press and hold the preset icon for five seconds to store a station.
3. Release the icon. The icon lights and the station's frequency appears.

To recall a station:

1. Press FM1, FM2 or AM, if needed.
2. Press the preset icon to select the station.

#### **Banner Display**

Displays banner messages that may be transmitted by certain stations.

**Mute Icon:**

Press this icon to mute the audio output of the unit. The mute indicator will appear. Press this icon again to unmute the volume. The mute indicator disappears.

**FM1 Icon:**

Press this icon to select the FM1 band and to view FM1 station presets. Up to six FM1 presets may be stored.

**FM2 Icon:**

Press this icon to select the FM2 band and to view FM2 station presets. Up to six FM2 presets may be stored.

**AM Icon:**

Press this icon select the AM band to view AM station presets. Up to six AM presets may be stored.

**Scan Icon:**

Press this icon to scan for the next strong station. The tuner will pause for approximately four seconds at that station. Press Scan again to listen to that station. If Scan is not pressed, the tuner will automatically seek the next station.

## XM Satellite Radio Operation



### XM SATELLITE RADIO SCREEN (if Equipped)

#### **MENU Icon:**

Press this icon to return to the Main Menu Screen.

#### **Antenna Indicator:**

As the strength of the satellite radio signal increases, the number of illuminated segments increases.

#### **Mute Indicator:**

This indicator is displayed when the volume is muted.

#### **Time Display:**

This indicator displays the time as entered by the user in the Settings Menu.

#### **Information Display:**

Displays XM channel, category, title, and artist information.

#### **EQ - Equalizer Icon:**

Press this icon to access the equalizer controls.

#### **Audio Icon:**

Press this icon to access the audio controls.

#### **Channel >> Icon:**

Press the Previous ( << ) icon to tune to the previous channel. Press the Next ( >> ) icon to tune to the next channel.

#### **Category >> Icon:**

Categories group music by type such as jazz, rock, classical, etc. Press the Previous ( << ) icon to display the previous channel within the currently selected category. Press the Next ( >> ) icon to display the next channel within the currently selected category.

#### **Preset Icons:**

Presets consist of channels that were stored into memory. Press a preset icon to tune to a preset channel. The radio can store eighteen XM presets.

To store a preset:

1. Select a channel.
2. Press and hold a preset icon. After approximately two seconds, the channel name will appear on the icon, indicating that the currently playing channel is now set into that preset memory position.

**Status Indicator:**

Displays XM Satellite Radio status information.

**Mute Icon:**

Press this icon to mute the audio output of the unit. The mute indicator will appear. Press this icon again to unmute the volume. The mute indicator disappears.

**Band Icon:**

Only six preset icons will display at a time. Press this icon to display the next six preset icons.

**Scan Icon:**

Press this icon to automatically tune to the next available channel.

**Direct Entry Icon:**

Press this icon to access the XM Radio Direct Entry Screen.

**XM RADIO DIRECT ENTRY SCREEN**

When the Direct Entry icon is pressed, a keyboard appears. You can enter a number corresponding to a desired XM channel using the numeric keypad. Once the desired XM channel is entered, press the Enter (⬅) icon and the unit will tune to the XM channel. Press the Clear icon to clear the keypad display.

**Back ⏪ Icon:**

Press this icon to return to the XM Satellite Radio Screen.



#### **Channel Guide Icon:**

Press this icon to access the Channel Guide Screen.



#### **CHANNEL GUIDE SCREEN**

When the Channel Guide icon is pressed, a channel list appears. Press a channel in the list boxes to tune to that channel. Press the Scroll Down (▼) icon to view the next page or the Scroll Up (▲) icon to view the previous page.

#### **Back ➡ Icon:**

Press this icon to return to the XM Satellite Radio Screen.

#### **CH Icon:**

Press this icon to display a listing of available channels.

#### **Cat Icon:**

Press this icon to view a listing of available categories.

#### **Prev Icon:**

Press this icon to access the previous page of the list.

#### **Next Icon:**

Press this icon to access the next page of the list.

#### **XM RADIO ID**

The XM Radio ID consists of eight alphanumeric characters. To view the XM Radio ID:

1. Enter the XM Radio Direct Entry Screen.
2. Using the keyboard, press zero and then press Enter (⬅). The XM Radio ID will be displayed.



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## iPhone Operation

### IPHONE SCREEN

You can control your Phone via the touch screen to access playlists, artists, albums, songs, videos, etc.

**NOTE:** Your iPhone must be connected to the Media Link using the iPhone adapter cable that comes with your iPhone or available separately.

#### **MENU Icon:**

Press this icon to return to the Main Menu Screen.

#### **Mute Indicator:**

This indicator is displayed when the volume is muted.

#### **Time Display:**

This indicator displays the time as entered by the user in the Settings Menu.

#### **Playback Information Display:**

Displays track, artist, album, and elapsed playing time information.

#### **Preview Window:**

Displays album art, if available.

#### **EQ - Equalizer Icon:**

Press this icon to access the equalizer controls.

#### **Audio Icon:**

Press this icon to access the audio controls.

#### **Shuffle Icon:**

Press this icon to play tracks in the directory in a random order. The Shuffle Indicator  is displayed when shuffle mode is active.

#### **RPT Icon:**

Press this icon during playback to repeat playback of the current track.

Press this icon a second time to repeat all tracks in a directory. Press the icon once again to turn the repeat feature off. The Repeat Indicator  is displayed when repeat mode is active.

#### **Mute Icon:**

Press this icon to mute the audio output of the unit. The mute indicator will appear. Press this icon again to unmute the volume. The mute indicator disappears.

**◀◀ Previous Icon:**

Press this icon to play the previous track in the directory.

**▶/II Play/Pause Icon:**

Press this icon to begin playback. Press this icon again to pause playback.

**▶▶ Next Icon:**

Press this icon to play the next track in the directory.

**Video Icon:**

Press this icon to view full screen video. This icon is gray if a video is not currently selected for playback

**Search Icon:**

Press this icon to view the Search Screen.

**SEARCH SCREEN**

The Search Screen allows you to search for music or video files stored in your iPhone. Press the Music List Box to search for music grouped by songs, albums, artists, genres or playlists. Press the Video List Box to view your video playlist.

Press a list box item to display more information about that item or begin playback of that item, as applicable. Press the Scroll Down (▼) icon to view the next page in the menu list or the Scroll Up (▲) icon to view the previous page.

**Back ↺ Icon:**

Press this icon to return to the iPhone Screen.

**Prev Icon:**

Press this icon to view the previous page.

**Next Icon:**

Press this icon to view the next page.

**↑ Return Icon:**

Press this icon to view the next higher level of the list hierarchy.



**SETUP SCREEN**



When full screen video is displayed, touch the LCD screen to view the Setup Screen.

NOTE: The Setup Screen will turn off automatically if no selection is made within four seconds or if any other button is pressed.

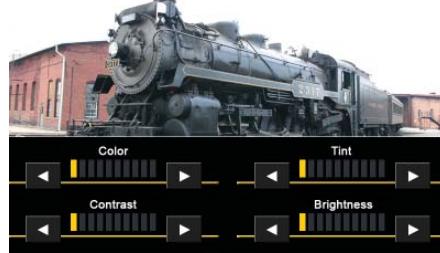
**Back Icon:**

Press this icon to return to the iPhone Screen.

**Setup Icon:**

Press this icon to access the Picture Adjustment Screen.

**PICTURE ADJUSTMENT SCREEN**



When watching a video, the color, tint, contrast or brightness can be adjusted to suit your preferences.

NOTE: The Picture Adjustment Screen will turn off automatically if no adjustment is made within four seconds or if any other button is pressed.

**Adjustment Bar Icon:**



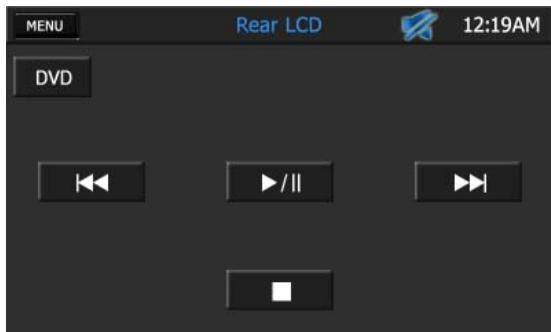
Press the **◀** or **▶** cursor buttons to decrease or increase the desired setting by one increment.



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## Rear LCD Operation



### REAR LCD SCREEN

The unit allows two sources to be played simultaneously. For example, the unit's screen can be set to the radio function while the rear passengers can watch a DVD video using an optional rear monitor. The unit provides for connection of up to two additional monitors (sold separately) for rear passengers.

Perform the following to control the rear monitor(s):

1. Turn on the rear monitor(s). Refer to the owner's manual that came with your monitor(s) for instructions.
2. Insert the media (DVD, CD etc) to be viewed into the unit.
3. Access the Main Menu Screen and press the Rear LCD icon.
4. Use the on screen controls to control rear zone playback.

**NOTE:** You cannot change or control the front zone source from the rear zone video screen.

#### **MENU Icon:**

Press this icon to return to the Main Menu Screen.

#### **Mute Indicator:**

This indicator is displayed when the volume is muted.

#### **Time Display:**

This indicator displays the time as entered by the user in the Settings Menu.

#### **Previous Icon:**

Press to play the previous DVD chapter or CD track.

#### **Play/Pause Icon:**

Press to begin playback. Press the icon again to pause playback.

#### **Next Icon:**

Press to advance to the next DVD chapter or CD track.

#### **Stop Icon:**

Press to stop disc playback. To resume playback, press the icon again.



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## Navigation Quick Start



### NAVIGATION SCREEN

The Navigation mode can be selected in a number of ways. Navigation can be accessed from the Main Menu. Navigation can also be selected by pressing the front panel NAV or DEST buttons.

**NOTE:** Before operating your NavMate software, please carefully read and follow the instructions provided in the Navigation Owner's Manual. Make sure that you are familiar with the system's features and know how to operate the system.

#### Navigation Quick Start

The following procedure provides a quick overview of the Navigation mode.

1. Access the navigation function:  
You can access the navigation function by pressing the front panel NAV/DEST button or by pressing the front panel MENU button.
2. Start up/Main Menu :  
After the NavMate software starts, you will see the reminder warning to use your NavMate software safely and lawfully.
3. Press the  icon to access the navigation main menu screen.

#### 4. Select Destination:

You have many ways to select a destination. For this example, let's find a nearby Airport.

Select by touching screen:

-  icon to activate main menu.
- Start Route Guidance
- Point of Interest
- State/Province

**NOTE:** The software remembers the last State/Province, so this step is not necessary every time.

- By Category
- Airport
- Sort by Distance
- Select one of these functions and the system will calculate a route to that destination using the criteria set in the Setup menu.



5. Map/Guide Along Route:  
Proceed to the highlighted route and drive while the NavMate software provides audible and visual guidance to your destination.



6. Arrive at Destination  
That's it! You've arrived at the selected destination. Refer to the rest of this manual to become more familiar with the many options available on your NavMate software.





## AV IN SCREEN

NOTE: Your audio/video device must be connected to the Media Link using an audio/video adapter cable that is available separately.

### **MENU Icon:**

Press this icon to return to the Main Menu Screen.

### **Mute Indicator:**

This indicator is displayed when the volume is muted.

### **Time Display:**

This indicator displays the time as entered by the user in the Settings Menu.

### **EQ - Equalizer Icon:**

Press this icon to access the equalizer controls.

### **Audio Icon:**

Press this icon to access the audio controls.

## SETUP SCREEN



When full screen video is displayed, touch the LCD screen to view the Setup Screen.

NOTE: The Setup Screen will turn off automatically if no selection is made within four seconds or if any other button is pressed.

### **Back Icon:**

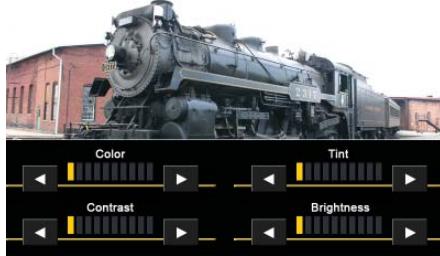
Press this icon to return to the AV IN Screen.

### **Setup Icon:**

Press this icon to access the Picture Adjustment Screen.



### PICTURE ADJUSTMENT SCREEN



When watching a video, the color, tint, contrast or brightness can be adjusted to suit your preferences.

NOTE: The Picture Adjustment Screen will turn off automatically if no adjustment is made within four seconds or if any other button is pressed.

#### Adjustment Bar Icon:



Press the **◀** or **▶** cursor buttons to decrease or increase the desired setting by one increment.

**MENU Icon:**

Press this icon to return to the Main Menu Screen.

**🔇 Mute Indicator:**

This indicator is displayed when the volume is muted.

**Time Display:**

This indicator displays the time as entered by the user in the Settings Menu.

**Playback Information Display:**

Displays type of file currently playing, track, artist, album, elapsed time, and play/pause status information.

**EQ - Equalizer Icon:**

Press this icon to access the equalizer controls.

**🔊 Audio Icon:**

Press this icon to access the audio controls.

**Playlist Icon:**

Press this icon to access the Playlist Screen.

**Mute Icon:**

Press this icon to mute the audio output of the unit. The mute indicator will appear. Press this icon again to unmute the volume. The mute indicator disappears.

**⏮ Previous Icon:**

Press this icon to play the previous file.

**▶/⏸ Play/Pause Icon:**

Press this icon to begin playback. Press this icon again to pause playback.

**⏭ Next Icon:**

Press this icon to play the next file.

**🔀 Shuffle Icon:**

Press this icon to play tracks in the directory in a random order. Press this icon again to turn the shuffle feature off.

**🔁 Repeat Icon:**

Press this icon during playback to repeat playback of the current track. Press the icon once again to turn the repeat feature off.



## PLAYLIST SCREEN

The Playlist Screen allows you to search for music or video files stored in your

Press a list box item to display contents of a directory or begin playback of that item, as applicable. Press the Scroll Down (▼) icon to view the next page in the menu list or the Scroll Up (▲) icon to view the previous page.

**Back ↺ Icon:**

Press this icon to return Screen.

**Prev Icon:**

Press this icon to view the previous page.

**Next Icon:**

Press this icon to view the next page.

## Bluetooth Operation

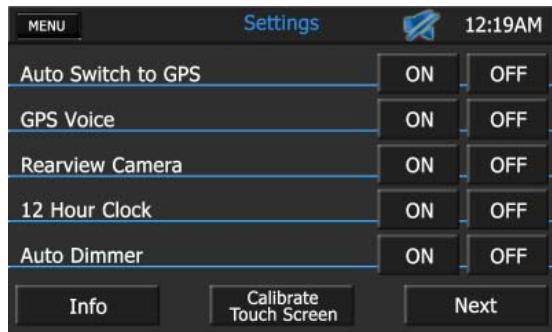








## System Settings



### FIRST SETTINGS SCREEN

#### **MENU Icon:**

Press this icon to return to the Main Menu Screen.

#### **🔇 Mute Indicator:**

This indicator is displayed when the volume is muted.

#### **Time Display:**

This indicator displays the time as entered by the user in the Settings Menu.

#### **Auto Switch to GPS:**

Press the ON icon to select Navigation mode as a priority. If you access any other menu function, this setting will automatically return the unit to the Navigation mode after an approximately 10 second delay.

Press the OFF icon to override Navigation mode as a priority. You must manually switch back and forth between Navigation and any other menu function.

#### **GPS Voice:**

Press the ON icon to hear turn-by-turn navigation instructions. Press the OFF icon to turn GPS Voice off.

#### **Rearview Camera:**

Press the ON icon to automatically display rearview camera video (if equipped) when the vehicle is put into reverse. Press the OFF icon to turn the rearview camera off.

#### **12 Hour Clock:**

Press the ON icon to display time in a 12-hour (AM/PM) format. Press the OFF icon to display time in a 24-hour (military time) format.

#### **Auto Dimmer:**

Press the ON icon to automatically dim the LCD screen when the vehicle's headlights are turned on. Press the OFF icon to turn the Auto Dimmer off.

#### **Info Icon:**

#### **Calibrate Touch Screen Icon:**

Press this icon to initiate the Calibrate Touch Screen function.

#### **Next Icon:**

Press this icon to view the Second Settings Screen.



### TOUCH SCREEN CALIBRATION

The Touch Screen Calibration adjustment is used to set the parameters of the touch screen to ensure that when the screen is pressed, it corresponds to the feature that you are selecting.

**NOTE:** Never use a pen or sharp object to calibrate the touch screen as this will damage the panel.

To calibrate the touch screen:

1. Press the Touch Screen Calibrate icon. The following screen will appear:

Carefully press and briefly hold stylus on the center of the target.  
Repeat as the target moves around the screen.



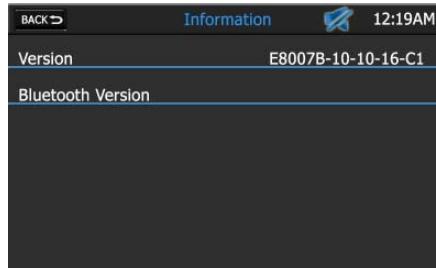
2. Follow the instructions on the screen. Press and briefly hold your finger or a stylus to the center of the target. Repeat as the target moves to each corner of the screen and finally to the center. The following screen will appear:

New calibration settings have been measured.  
Tap the screen to register saved data.  
Wait for 30 seconds to cancel saved data and keep the current setting.

Time limit : 19 sec

3. If the screen is pressed, the new calibration parameters will be accepted. If the screen is not pressed within thirty seconds, the new parameters will be disregarded.

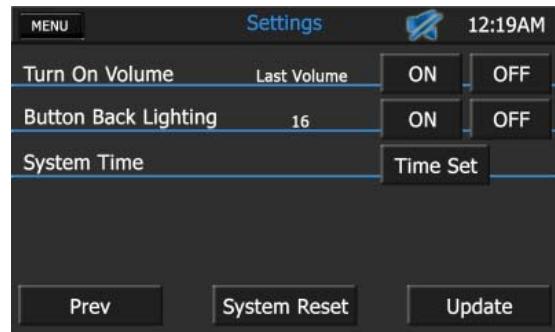
### INFORMATION SCREEN



The Information Screen displays the unit's current software version and Bluetooth version numbers.

#### Back Icon:

Press this icon to return to the First Settings Screen.



## SECOND SETTINGS SCREEN

### **MENU Icon:**

Press this icon to return to the Main Menu Screen.

### **🔇 Mute Indicator:**

This indicator is displayed when the volume is muted.

### **Time Display:**

This indicator displays the time as entered by the user in the Settings Menu.

### **Turn On Volume:**

You may choose a preset volume level when turning on the unit. Values range from 0 to 40, or last level. Press the Increase (▲) icon to increase the volume level preset. Press the Decrease (▼) icon to decrease the volume level preset.

NOTE: The key must be removed from the ignition for this setting to take effect.

### **Button Back Lighting:**

You may manually preset the unit's button back lighting level from 0 to 20, or Auto. Press the Increase (▲) icon to increase the volume level preset. Press the Decrease (▼) icon to decrease the volume level preset.

### **System Time:**

Press this icon to access the set system time function.

### **Prev Icon:**

Press this icon to view the First Settings Screen.

### **System Reset Icon:**

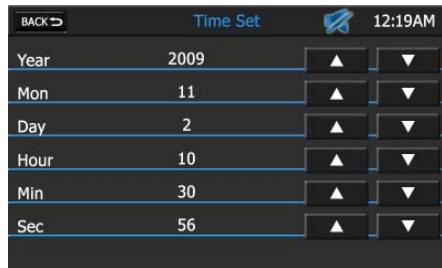
Press this icon to return the unit to its factory default settings.

### **Update Icon:**

The Update function is used to update the unit's software. Please contact Advent Technical Support for further information.



### TIME SET SCREEN



Press the Increase (▲) icon or Decrease (▼) icon set the desired year, month, day, hour, minute or second value.

#### Back Icon:

Press this icon to return to the Second Settings Screen.

## Audio/Equalizer Controls



### AUDIO CONTROLS SCREEN

The Audio Control Menu can be accessed by pressing the front panel Tune/Audio control knob.

Proper setting of the Fader and Balance boosts the effects of the cabin equalizer. Press the "L" or "R" buttons to adjust the left/right balance, or press "F" or "R" to adjust the front/rear fade.



## EQUALIZER SCREEN

### Adjusting Equalizer Controls:

The Equalizer Screen can be accessed by pressing the front panel TUNE - AUDIO knob.

only be adjusted when the "EQ SETTING" is set to USER.

The following needs to be moved/ tweaked.

### Audio Adjustments:

1. Press the unit's front panel TUNE SEL button.
2. Press and hold either the left/right cursor buttons to move the highlight on the feature to be adjusted to a negative or positive value. To left of the cursor buttons is a numerical value for the feature being adjusted.

The Equalizer Control menu can be accessed by pressing the front panel TUNE SEL button.

The Equalizer Screen features a 9-band graphic equalizer, which allows you to easily adjust your audio system to meet the acoustical characteristics of your vehicle, which vary depending on the type of vehicle and its measurements. The Equalizer Control menu applies preset sound effects to the unit's audio output signal. The "EQ SETTING" up or down cursor buttons when pressed, will activate one of six operating modes: Classical, Pop, Flat, User 1, User 2, User 3. When the "EQ SETTING" is set to a preset sound, such as Flat, Jazz, Pop etc., the bass and treble levels cannot be changed. Press the TUNE SEL Knob to exit the equalizer menu screen.

**NOTE:** All the various audio settings can

## Rearview Camera



### REARVIEW CAMERA (if Equipped)







FCC NOTE :

The Manufacturer Is Not Responsible For Any Radio Or Tv Interference Caused By Unauthorized Modifications To This Equipment. Such Modifications Could Void The User'S Authority To Operate The Equipment

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