

## CAR MULTIMEDIA SYSTEM

#### **USER'S MANUAL**

## SOUL

Please read this manual carefully before operating your set and retain it for future reference. Designs and specifications are subject to change without prior notice.

The screens shown in this manual may differ from the actual screens of the product.

The design and specification of this product may change without prior notification for product improvement.

When transferring the vehicle to another individual, include this user's manual so that the next driver can continue its use.



#### iPod®

iPod® is a registered trademark of Apple Inc.

#### Bluetooth®

The Bluetooth Wireless Technology word mark and logos are registered trademarks owned by Bluetooth Wireless Technology SIG, Inc.

## **DOLBY**

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#### Cortex

Cortex is the name of the ARM Processor Architecture used in the AV System.

## Windows Embedded Compact 7

Windows Embedded Compact 7 is an operating system used in the AV System.

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LIMITED WARRANTY

## **Precautions for safety**

## Safety notes



#### **CAUTION**

RISK OF ELECTRIC SHOCK DO NOT OPEN



**CAUTION:** TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE THE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO OUALIFIED SERVICE PERSONNEL.



The lightning flash with the arrowhead symbol within an equilateral triangle is intended to alert the user about the presence of uninsulated dangerous voltage within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.



Always operate the vehicle in a safe manner. Do not become distracted by the vehicle while driving and always be fully aware of all driving conditions. Do not change settings or any functions. Pull over in a safe and legal manner before attempting such operations.

To promote safety, certain functions are disabled unless the hand brake is on.



To reduce the risk of electric shock, do not remove the cover or back of this product. There are no user-serviceable parts inside.

Refer servicing to qualified service personnel.



To reduce the risk of fire or electric shock, do not expose this product to dripping or splashing water, rain, or moisture.



When driving your vehicle, be sure to keep the volume of the unit low enough to allow you to hear sounds coming from the outside.



Do not drop it and avoid heavy impacts at any-time



The driver should not watch the monitor while driving. If the driver watches the monitor while driving, it may lead to carelessness and cause an accident.

## **Precautions for safety**

#### WARNING:

been parked.

- Do not stare at the screen while driving. Staring at the screen for prolonged periods of time could lead to traffic accidents.
- Do not disassemble, assemble, or modify the navigation system. Such acts could result in accidents, fire, or electric shock.
- Using phone features while driving may distract drivers from paying attention to traffic conditions and result in traffic accidents.
   Use phone features only after the vehicle has
- Heed caution not to spill water or introduce foreign objects into the device. Such acts could lead to smoke, fire, or product malfunction.
- Please refrain from use if the screen is blank or no sound can be heard as these signs may indicate product malfunction. Continued use in such conditions could lead to accidents (fires, electric shock) or product malfunctions.

- Do not touch the antenna during thunder or lightening as such acts may lead to lightning induced electric shock.
- Do not stop or park in parking-restricted areas to operate the product. Such acts could lead to traffic accidents.
- The video screen will not operate when the vehicle is in motion. For your safety, first park the vehicle to watch or view the screen
- Some Non-video features may also not operate when the vehicle is in motion. These features will operate only when the vehicle has been parked.

#### **CAUTION:**

- Do not keep the AV system running with the engine stopped. Doing so may discharge the vehicle battery. When you use the navigation system, always keep the engine running.
- When the driver wants to operate the navigation system, first park the vehicle in a safe location and set the parking brake.
   Operating the system while driving can distract the driver and may result in a serious accident.
- Do not disassemble or modify this system. If you do, it may result in accidents, fire, or electrical shock
- Some states/provinces may have laws limiting the use of video screens while driving. Use the system only where it is legal to do so.
- Do not use your phone in private mode when you are driving. You must stop at a safe location to use it.

# **Key Product Features**

## **Key Product Features**

Name	Description
Display	Wide TFT-LCD Display Provides high quality video through a Wide TFT-LCD Display using an LED Back Light
Radio	Digital Tuner Feature Digital Tuner using PPL method that supports memory of 20 broadcast stations for each AM and FM modes.  Radio broadcast station name Displays broadcast station names for key locations.
Multimedia Player	Support for various Media Formats Support for various media formats, including Radio, MP3, USB, iPod, AUX and Bluetooth® Audio Streaming modes
	Bluetooth® Wireless Technology Convenient use of Bluetooth® Handsfree by using buttons within the steering wheel remote controller
Miscellaneous	<b>Digital Screen Control Features</b> Easy control of features through touch screen options
	Steering Wheel Remote Controller Control over audio features and Bluetooth® through the steering wheel remote controller for maximum convenience

## **Component Names and Functions**

## **Head Unit**



Name	Description
1 RADIO	<ul> <li>Operates FM/AM mode</li> <li>Each time the key is pressed, mode is changed in order of AM ▶ FM ▶ AM.</li> </ul>
2 MEDIA	<ul> <li>Operates available media (USB, iPod, Bluetooth Audio, AUX)</li> <li>If the media is not connected, corresponding modes will be disabled</li> </ul>
3	When the
4 Power / Volume Knob	<ul> <li>Power on         When power is off, press to turn power on</li> <li>Power off         When power is on, press and hold to turn power off</li> <li>Audio off         When power is on, press to turn Audio off</li> <li>Turn left/right to control volume</li> </ul>

## **Component Names and Functions**

## **Head Unit**



Name	Description
5 Reset	Resets the system
6 HOME	Press to move to the home menu screen
7 PHONE	Takes user to phone screen
8 DISP	Turns off the screen
9 SETUP	Displays the Setup mode
10 Tune / ENTER Knob	FM/AM mode: changes the frequency     MEDIA (USB/iPod) mode: changes the track, file or title (except AUX)

# **Component Names and Functions**

## Steering Wheel



Name	Description
1 + VOL -	Controls the volume
2 ^	When keys are pressed shortly.  • FM/AM mode: scans and receives the previous/next frequency  • Media mode: changes the track, file or chapter When keys are pressed and held.  • In FM/AM mode: changes frequencies while pressed. Upon release, scans and receives the next frequency  • Media mode: rewinds or fast forwards the track or file

Name	Description
3 MODE	<ul> <li>Operates FM ► AM ► Available Media (USB Music/USB Video/iPod/Bluetooth Audio/AUX)</li> <li>If the media is not connected, corresponding modes will be disabled.</li> <li>Press and hold the key to turn the Audio system on/off</li> <li>When power is off, press the key to turn power back on</li> </ul>
4 6	When pressed shortly  When pressed in the phone screen, displays the last call  When pressed in the dial screen, makes a call  When pressed in the incoming call screen, answers the call  When pressed during single call, switches call back to mobile phone (Private).  When pressed during 3way call, swap call  When pressed twice, redials the last call  When pressed and held  When pressed during a Bluetooth® Handsfree call, switches call back to mobile phone (Private)  When pressed while calling on the mobile phone, switches call back to Bluetooth® Handsfree (Operates only when Bluetooth® Handsfree is connected)  When pressed, redials the last call
5	<ul><li>When pressed during a call, ends the phone call</li><li>When pressed in the incoming call screen, rejects the call</li></ul>

## Using the System for the First Time

## Turning the System On/Off

#### Turning the System ON

Press the engine start button. If the brakes are not pressed, then the ACC and system will turn on. If the brakes are pressed, then the IGN and system will turn on and the ignition will start. In both instances, the following safety warning will be displayed.





Pressing the PWR key on the head unit will display the safety warning page.

Press the Agree button to display the most recent mode.

## Turning the System Off

Press the engine start button again or press and hold the power key on the head unit to turn the system off.

#### **NOTE**

 If the system is turned off while the Handsfree is being used, then the call will automatically switch back to the mobile phone.

#### AV ON/OFF

Press the PWR key on the head unit when the AV is on. Press the PWR key or press the menu key to turn on AV.

While AV is turned off, the  $\land$  SEEK ,  $\lor$  TRACK key and the TUNE / ENTER knob will be disabled.

## Resetting the System

This feature is used to reset the system in the occurrence of an unforeseen error or problem.



Press and hold the RESET key for about 1 second. (The use of a clip or pin is recommended when resetting the system.)

#### **Home Screen**

Press the HOME key ▶ Press the menu icon you want to use.



## FM/AM

## **Basic Screen**





Button	Description
1 Mode tab	Press the tab to change between FM and AM mode
2 Preset button	Displays the Preset List
3 LIST button	Displays automatically updated lists
4 MENU button	Displays List, Preset, Scan, Preset scan and Sound settings menus
5 Back button	Moves to the previous screen
6 Frequency	Displays the current frequency
7 Preset No.	Displays the current preset number
8 Seek down	Single tap: seek down Long tap: fast seek down
9 Tune down	Single tap: tune down Long tap: tune down until the button is released and plays the current frequency
10 Tune up	Single tap: tune up Long tap: tune up until the button is released and plays the current frequency
11 Seek up	Single tap: seek up Long tap: fast seek up
12 Frequency bar	Use the tap to move to the desired frequency
13 List	Displays automatically updated lists
14 Preset	Displays saved presets for user selection
15 Scan	Plays frequencies with superior reception for 3 seconds each
16 Preset Scan	Plays frequencies saved to presets for 3 seconds and moves to the next saved frequency
17 Sound settings	Sets sound related settings

## FM/AM

## Listening to FM/AM radio

Press the RADIO key to operate the radio mode.

Or Press the HOME key ▶ Press the Radio button ▶ Press FM or AM tap.



#### **Auto tuning**

Press the ^ SEEK , V TRACK key or press the button to automatically search for frequencies.

#### Manual tuning

Press the TUNE / ENTER knob or press the button to manually select the frequency. The stations move up and down step by step. Press or drag the frequency bar to search for frequencies that you want.

### **Selecting Presets**

Press the MENU button ▶ Press the Preset button. From the presets, select the frequency you want to listen to.





### **Selecting Lists**

Press the MENU button ▶ Press the List button.

From the lists, select the frequency you want to listen to.

FM lists are automatically updated.

AM lists are manually updated by pressing ( ).



## FM/AM

## Saving Radio Frequency

#### Saving Manually

After selecting frequency ▶ Press the button
▶ Press the + Add to Preset.



## **Using Preset Menu**

Press and hold the preset list you want to edit.



Name	Description
1 Tune	listens to frequency selected
2 Save	overwrites frequency listening to currently
3 Delete	deletes frequency



#### NOTE

Press the button Press the MENU button Press the Delete all to delete entire presets.

## Scan

#### Scanning Radio Frequency

Press the MENU button ▶ Press the Scan



Starting from the current frequency, frequencies with superior reception are scanned for 3 seconds and the previous frequency is restored.

### Scanning Preset frequency

Press the MENU button ▶ Press the Preset Scan

Plays frequencies saved to presets for 3 seconds and moves to the next saved frequency.

#### NOTE

 When the scan is operating, pressing the controller will stop the function and return to the stopped station.

## Sound settings

Press the MENU button ▶ Press the Sound settings .

For details, refer to the "Sound" on the page 35.

## **USB**

#### **About USB**

Connect the USB device after turning on the engine. The USB device may become damaged if it is already connected when the ignition is turned on.

- Files that are not standard format files will not be played.
- For MP3/WMA files, only music files with compression rates between 8 Kbps ~ 320 Kbps can be played.
- Heed caution to static electricity when connecting/disconnecting external USB devices.
- Encoded MP3 Players will not be recognized when connected as an external device.
- When connecting an external USB device, the device may not properly recognize the USB is in some states.
- Only USB devices formatted as FAT 12/16/32 are supported, and NTFS file system is not supported.
- Some USB devices may not be supported due to compatibility issues.
- Avoid contact between the USB connector with bodily parts/foreign objects.

- Repeated connecting/disconnecting of USB devices within short periods of time may result in product malfunction.
- Insert USB device after starting the car. If the car is started while USB device is inserted, it may damage USB device.
- The amount of time required to recognize the external USB device may differ depending on the type, size, or file formats stored on the USB. Such differences in required time are not indications of malfunction.
- The device may not recognize the USB device if separately purchased USB hubs and extension cables are being used. Connect the USB directly with the multimedia terminal of the vehicle
- When application programs are installed to specific USBs, files may not properly play.
- The device may not operate normally if MP3
   Players, cellular phones, digital cameras, or
   other electronic devices (USB devices not rec ognized as portable disk drives) are connected
   with the device.
- Charging through the USB may not work for some mobile devices.

- The device may not support normal operation when using a USB memory type besides Metal CoverType USB Memory.
- The device may not support normal operation when using formats such as HDD Type, CF, or SD Memory.
- The device will not support files locked by DRM (Digital Rights Management).
- USB memory sticks used by connecting an Adaptor (SD Type or CF Type) may not be properly recognized.

#### **USB Music**

## **Playing USB Music**

Once a USB is connected, USB Music mode will operate automatically.

Press the Home key ▶ Press the Media button ▶ Press the USB Music button ▶ Press the Play button to play USB music.





#### **NOTE**

• If the USB is not connected, or there is no media file in USB then the USB media button will be disabled.

#### Searching USB Music Files

While playing Press the SEEK, VIRACK key or the Seek button to play the previous/next file.

- Pressing and holding the △ SEEK , ✓ TRACK key or the button will rewind or fast forward the current file.
- While the A SEEK , V TRACK key or the button is being pressed, the track will rewind or fast-forward at high speeds.

  Once the key is released, the USB Music will begin playing at normal speed.

#### **NOTE**

 Press the TUNE / ENTER knob allows you to select the previous/next file. This key will not rewind or fast-forward the file.

#### Repeat

Press the 🗘 button.

Each time the button is pressed, the option is changed from Repeat Folder( ♠ ) ▶ Repeat One( ♠ ) ▶ Off(Repeat All( ♠ ).

#### Shuffle

Press the 💥 button.

Each time the button is pressed, the option is changed from Shuffle All( $\mathfrak{A}$ )  $\blacktriangleright$  Shuffle Folder ( $\mathfrak{A}$ )  $\blacktriangleright$  Off( $\mathfrak{A}$ ).

#### Scan All

Press the MENU button ▶ Press the Options
▶ Press the Scan All to scan files within the USB in random order.

#### Scan Folder

Press the MENU button ▶ Press the Options ▶
Press the Scan Folder to search files within the current folder

## **USB Music**

#### **Album Cover view**

Press the button ▶ Press the button to search desired album.



### List

Press the MENU button ▶ Press the List button to display USB Music list screen.



It is possible to search by Folder, Song, Album and Artist.

## Sound settings

Press the MENU button ▶ Press the Options
▶ Press the Sound settings .

For details, refer to the "Sound" on the page 35.

## **USB Video**

## Playing USB Video

Once a USB is connected, USB Video mode will operate automatically.

Press the HOME key ▶ Press the Media button ▶ Press USB Video button ▶ Press the Play button to play USB Video.





#### **NOTE**

• If the USB is not connected, or there is no media file in USB then the USB media button will be disabled.

#### Searching USB Video Files

While playing Press the SEEK, VIRACK key or We button to play the previous/next file.

- Pressing and holding the A SEEK , V TRACK
   key or button will rewind or fast
   forward the current file.
- While the A SEEK , V TRACK key or W button is being pressed, the track will rewind or fast-forward at high speeds. Once the key is released, the USB Video will begin playing at normal speed.

#### **NOTE**

 Press the TUNE / ENTER knob allows you to select the previous/next file. This key will not rewind or fastforward the file.

#### Repeat

Press the 🗘 button.

#### Shuffle

Press the 🔀 button.

Each time the button is pressed, the option is changed from Shuffle All( $\mathfrak{A}$ )  $\blacktriangleright$  Shuffle Folder ( $\mathfrak{A}$ )  $\blacktriangleright$  Off( $\mathfrak{A}$ ).

## **USB Video**

#### List

Press the MENU button ▶ Press the List button to display USB Video list screen.



It is possible to search by Folder and Videos.

## **Caption**

Press the MENU button ▶ Press the Caption button to display caption on USB Video screen.



## **Display settings**

Press the MENU button

Press the Display settings



Press the Reset button to initialize the settings.

Press the button to set "Brightness" and "Dimming mode".

For details, refer to the "Display" on the page 36.

## Sound settings

Press the **MENU** button

Press the **Sound settings** .

For details, refer to the "Sound" on the page 35.

#### NOTE

USB Video is not available while driving.
(Because of traffic regulations, videos is only available when your vehicle is parked.)



### **USB Photo**

## **Viewing USB Photo**

Press the HOME key ▶ Press the Media button ▶ Press USB Photo button ▶ Press the desired photo in List screen.





#### NOTE

• If the USB is not connected, or there is no media file in USB then the USB media button will be disabled.

# Switching to menu screen or full screen

Press the photo to view with full screen.

Press the photo once more to return to the menu screen.





#### **NOTE**

• Press > to move to the List screen.

## Searching USB Image Files

Press the button or turn the TUNE / ENTER knob to view the previous/next image.

Press **5** to view the list of USB photos.

## Rotating / Slide show

Press the buttons to rotate image.

Press the button to view slide show.



#### NOTE

• Press to move to the previous screen.

## **USB Photo**

## Using the Menu Buttons

Press the MENU button to set Slide show, Slide time and Display settings menus.



#### Slideshow interval

Press the MENU button ▶ Press the Slide time button.



Slide show intervals can be set at 5 sec

10 sec , 20 sec , or 30 sec intervals.

#### NOTE

 Slideshow is not available while driving. (Because of traffic regulations, image is only available when your vehicle is parked.)



#### Display settings

Press the MENU button ▶ Press the Display settings button.

For details, refer to the "Display" on the page 36.

## iPod Music

#### About iPod

iPod® is a registered trademark of Apple Inc.

- Some iPods with unsupported communication protocols may not properly operate with the system.
- If the iPod malfunctions due to an iPod device defect, reset the iPod and try again. (To learn more, refer to your iPod manual.)
- During ACC ON state, connecting the iPod through the iPod cable (The cable that is supplied when purchasing iPod/iPhone product.) will charge the iPod through the system.
- The use of genuine iPod cables supplied by Apple is recommended. (The use of other products may result in noise or abnormal operation.)
- Within iPhones, streaming audio and iPod control may occasionally conflict. If problems persist, remove the iPhone and connect again.
- Use iPod with complete synchronization to iTunes. Unauthorized song addition may cause abnormal operation.
- If iPod and Bluetooth are connected simultaneously with the same iPhone, you cannot use Bluetooth audio function.
- If iPod touch or iPhone is used, iOS4.2 or a later version is recommended.

#### iPod Music

## Playing iPod Music

Once a iPod is connected, iPod Music mode will operate automatically.

Press the HOME key ▶ Press the Media button ▶ Press iPod Music button.



- Press the button to play files saved within the iPod device.
- Press the **II** button to pause the file.

#### **NOTE**

 If the iPod is not connected, or there is no media file in iPod then the iPod Music button will be disabled.

#### Searching iPod Music Files

You can play the previous or next file. For details, refer to the page 17.

## Using the Menu Buttons

Press the MENU button to set List and options menus.



For details, refer to the "List" on the page 18.

#### Setting audiobook playback speed

Setting the playback speed only affects audio books purchased from the iTunes store or audible.com.

For details about iPod, refer to the iPod User Guide.

Press the MENU button Press the options Press the Audiobook.



## Sound settings



For details, refer to the "Sound" on the page 35.



## Playing an AUX source

If an external device connector is connected with the AUX terminal, then AUX mode will automatically operate.

Press the HOME key ▶ Press the Media button ▶ Press the Aux button to play auxiliary device while a different source is playing.



## Using the Menu Buttons

Press the MENU button to set Sound.



For details, refer to the "Sound" on the page 35.