# CAR MULTIMEDIA SYSTEM (MTXW100Y40)

USER'S MANUAL

## REXTON / MUSSO

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.

SSANGYONG

Rev.2.0

## 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.

| | |
|---|---|
| ⎓ | DC Symbol |
| | DC 12V |
| | Speaker 4Ω |
| | Fuse 10A |
| ⊖ | -Minus Ground |

## Cortex

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

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# 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 QUALIFIED 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 products 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 anytime.

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:

- 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 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 been parked.
- 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 system running with the engine stopped. Doing so may discharge the vehicle battery. When you use the system, always keep the engine running.
- When the driver wants to operate 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**<br>Provides high quality video through a Wide TFT-LCD Display using an LED Back Light. |
| Radio | **Digital Tuner Feature**<br>Digital Tuner using PPL method that supports up to 40 broadcasts as Presets.<br>**Radio broadcast station name**<br>Displays broadcast station names for key locations. |
| Multimedia Player | **Support for various Media Formats**<br>Support for various media formats, including Radio, MP3, USB, iPod®, AUX and Bluetooth® Audio Streaming modes. |
| Miscellaneous | **Bluetooth® Wireless Technology**<br>Convenient use of Bluetooth® Handsfree by using buttons within the steering wheel remote controller. |
| | **Digital Screen Control Features**<br>Easy control of features through touch screen options. |
| | **Steering Wheel Remote Controller**<br>Control over audio features and Bluetooth® through the steering wheel remote controller for maximum convenience. |
| | **Android Auto$^{TM}$ - Option**<br>Android Auto$^{TM}$ brings the most useful apps from your phone to your vehicle's screen, optimized for easy glancing and control while driving. |
| | **Apple CarPlay - Option**<br>CarPlay puts key iPhone apps - the ones you want to use while driving - on your cars built-in display. With CarPlay, you can get turn-by-turn directions, make phone calls, exchange text messages, listen to music, and more. |
| | **Waze**<br>Traffic information and Navigation features are provided through the Waze App. |
| | **Nobex**<br>Internet Radio broadcasts can be played through the Nobex App. |
| | **Pango+**<br>The app offers a variety of advanced services with a range of smart features in parking. |

# Component Names and Functions

## Head Unit

| Name | Description |
|---|---|
| **1** Reset | Resets the system. |
| **2** RADIO | • Operates FM/AM mode.<br>• Each time the key is pressed, mode is changed in order of FM ▶ AM ▶ FM. |
| **3** PHONE | Takes user to phone screen. |
| **4** MEDIA | • Operates available media (USB, iPod, Bluetooth Audio, AUX).<br>• If the media is not connected, corresponding modes will be disabled. |
| **5** Power / Volume Knob | • Power on<br>When power is off, press to turn power on.<br>• Power off<br>When power is on, press and hold to turn power off.<br>• Audio off<br>When power is on, press to turn Audio off.<br>• Turn left/right to control volume. |
| **6** MAP | Operates the Waze App to allow users to use Navigation services. |
| **7** DISP | Turns off the screen. |
| **8** SETUP | Displays the Setup mode. |

# Component Names and Functions

## Steering Wheel



| Name | Description |
|---|---|
| 1 | • In Apply CarPlay mode, operates Siri.(Option)<br>• In Android Auto mode, operates Google Voice.(Option) |
| 2 ∧ ∨ | **When keys are pressed shortly.**<br>• FM/AM mode: plays previous/next preset chan-nel if it is saved.<br>• Media mode: changes the track, file or chapter.<br>**When keys are pressed and held.**<br>• In FM/AM mode: changes frequencies while pressed. Upon release, scans and receives the next frequency.<br>• Media mode: rewinds or fast forwards the track or file. |

| Name | Description |
|---|---|
| 3 MODE | • Operates FM ▶ AM ▶ Available Media (USB Music/USB Video/iPod®/Bluetooth® Audio).<br>• If the media is not connected, corresponding modes will be disabled.<br>• Press and hold the key to turn the Audio system on/off.<br>• When power is off, press the key to turn power back on. |
| 4 + VOL – | Controls the volume. |
| 5 | **When pressed shortly.**<br>• When pressed in the phone screen, displays the last call.<br>• When pressed in the dial screen, makes a call.<br>• When pressed in the incoming call screen, answers the call.<br>• When pressed during single call, switches call back to mobile phone (Private).<br>• When pressed during 3way call, swap call.<br>• When pressed twice, redials the last call.<br>**When pressed and held.**<br>• When pressed during a Bluetooth® Handsfree call, switches call back to mobile phone (Private).<br>• When pressed while calling on the mobile phone, switches call back to Bluetooth® Handsfree (Operates only when Bluetooth® Handsfree is connected).<br>• When pressed, redials the last call. |
| 6 MUTE | • When pressed during a call, ends the phone call.<br>• When pressed in the incoming call screen, rejects the call.<br>• 통화중이 아닌 경우 음소거 On / Off를 합니다. |

# 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 Confirm 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 ⏮ , ⏭ button 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.)

# Using the System for the First Time

## Home Screen

Press the  button ▶ Press the menu button you want to use.
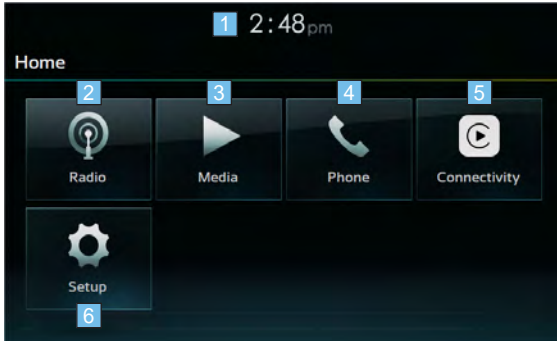


| Button | Description |
|---|---|
| 1 Time bar | • Displays the current time<br>• Touch the area to move to the date/time settings screen |
| 2 Radio | Moves to the Radio screen |
| 3 Media | |
| 4 Phone | Moves to the Phone screen |
| 5 Connectivity | |
| 6 Setting | Moves to the setting screen |

# Using the System for the First Time

## Adding Your Favourite Menu Items to My Menu

In the Home screen ▶ Press the My Menu button ▶ Press the Edit button ▶ Press and hold menu items from the list on the right, then drag and drop them to the desired place on the left.
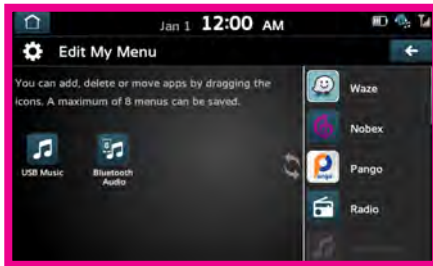


**NOTE**

• Up to eight items can be added to My Menu.

# FM/AM

## Basic Screen





| Button | Description |
|---|---|
| 1 Mode tab | Press the tab to change between FM and AM mode |
| 2 Menu button | Displays the Sound Settings menu |
| 3 Back button | Moves to the previous screen |
| 4 Preset No. | Displays the current preset number |
| 5 Frequency | Displays the current frequency |
| 6 Seek down | Single tap: seek down<br>Long tap: fast seek down |
| 7 Seek up | Single tap: seek up<br>Long tap: fast seek up |
| 8 Frequency bar | Drag the bar to move to the desired frequency |
| 9 Preset | Displays saved presets for user selection |
| 10 List | Displays automatically updated lists |
| 11 Scan | Plays frequencies with superior reception for 3 seconds each |
| 12 List | Displays automatically updated lists |
| 13 Preset | Displays saved presets for user selection |
| 14 Scan | Plays frequencies with superior reception for 3 seconds each |
| 15 Preset Scan | Plays frequencies saved to presets for 3 seconds and moves to the next saved frequency |
| 16 Sound Settings | Sets sound related settings |

# FM/AM

## Listening to FM/AM radio

Press the RADIO key to change the mode.
Or press the All Menus button ▶Press the
Radio button ▶Press FM or AM tab.
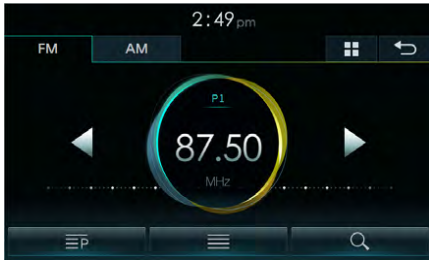


### Auto tuning

Press the < , > button to automati-
cally search for frequencies.

### Manual tuning

Press the < , > button to manually
select the frequency.The stations move
up and down step by step.
Drag the frequency bar to search for fre-
quencies that you want.

## Selecting Presets

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



## Selecting Lists

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 `Preset` button ▶ Press the `+` button or press and hold the `Press and hold` area.



### Using Preset Menu

Press and hold the preset list you want to edit.
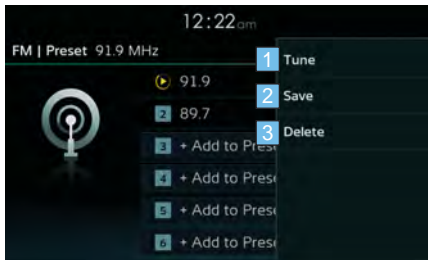


| Name | Description |
|------|-------------|
| 1 Tune | plays the selected frequency |
| 2 Save | overwrites frequency listening to currently |
| 3 Delete | deletes frequency |

Press the ☰ button ▶ Press the `Delete All` button to delete entire list of presets.
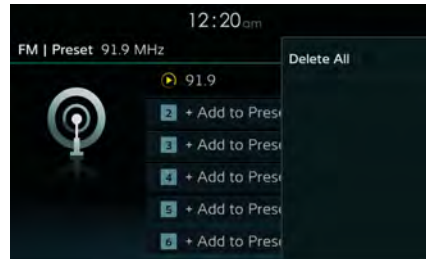


## Scan

Press the `Scan` button.
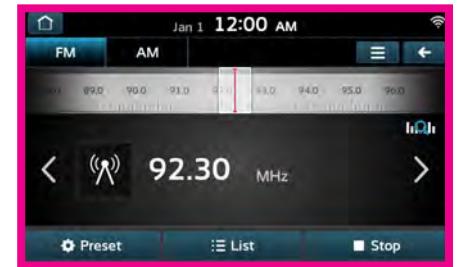


Starting from the current frequency, frequencies with superior reception are scanned for 3 seconds and the previous frequency is restored.

## Sound Settings

Press the ☰ button ▶ Press the `Sound Settings` button.

For details, refer to the Sound on the page 54.

# 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/exFAT file system are 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 recognized 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 Cover Type 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 MEDIA key ▶ Press the USB Music button▶ Press the Play button to play USB music.
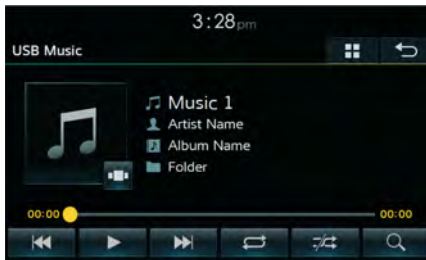


### NOTE

• 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 ⏮ , ⏭ button to play the previous/next file.

• Pressing and holding the ⏮ , ⏭ button will rewind or fast forward the current file.
• While 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.

## Repeat

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

## Shuffle

Press the Shuffle button.
Each time the button is pressed, the option is changed from Shuffle All( ⤨ ) ▶ Shuffle Folder ( ⤨ ) ▶ Off( ⟳ ) .

## Scan

Press the Scan button to scan files within the USB in list order.

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# USB Music

## List

Press the ⬚List⬚ button to display USB Music list screen.
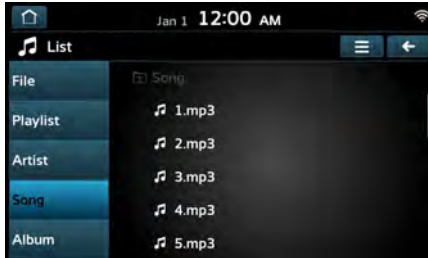


It is possible to search by Playlist, Artist, Song and Album.

#### NOTE

• In the List screen, it is possible to add current song to playlist by pressing ▤ button ▶ ⬚Add to Playlist⬚ button.

## Album Cover view

Press the ▤ button ▶ Press the ⬚Album Cover⬚ button ▶ Swipe the screen to search desired album.
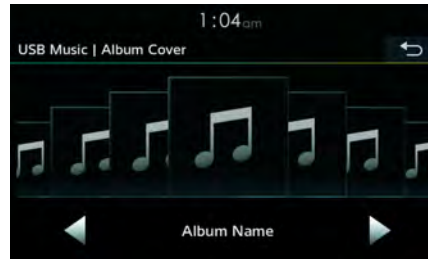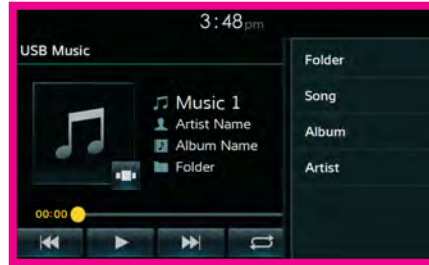




## Adding Song to Playlist

While playing ▶ Press the ▤ button ▶ Press the ⬚Add to Playlist⬚ button to add the current song to Playlist.

## Sound Settings

Press the ▤ button ▶ Press the ⬚Sound Settings⬚ button.

For details, refer to the Sound on the page 54.

# USB Video

## Playing USB Video

Once a USB is connected, USB Video mode will operate automatically.
Press the MEDIA key ▶ Press the USB Video button ▶ Press the Play button to play USB Video.
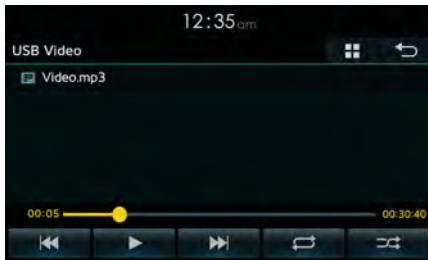
**NOTE**
• If the USB is not connected, or there is no media file in USB then the USB media button will be disabled.

## Searching USB Video Files

While playing ▶ Press the ⏮ , ⏭ button to play the previous/next file.

• Pressing and holding the ⏮ , ⏭ button will rewind or fast forward the current file.
• While the ⏮ , ⏭ 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.

## Repeat

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

## Info

Press the Info button to display file information.

# USB Video

## List

Press the `List` button to display USB Video list screen.
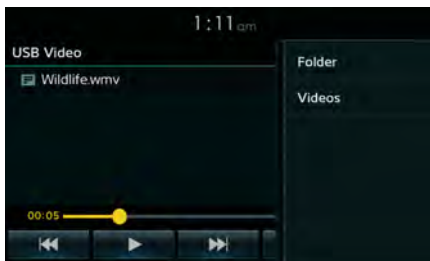


It is possible to search files by touching the screen.

## Caption

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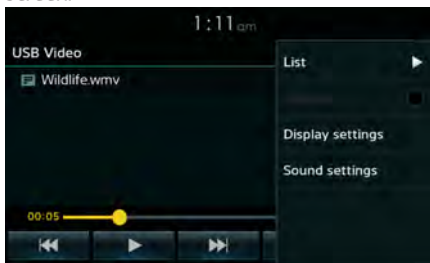


## Display Settings

Press the ☰ button ▶ Press the `Display Settings` button.
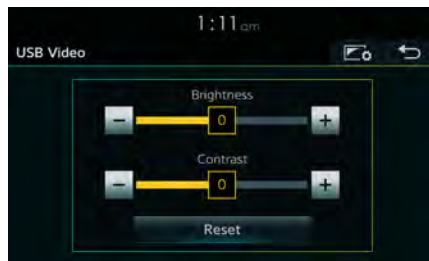


Press the `Reset` button to initialize the settings.

For details, refer to the Display on the page 56.

## Sound Settings

Press the ☰ button ▶ Press the `Sound Settings` .

For details, refer to the Sound on the page 54.

### NOTE

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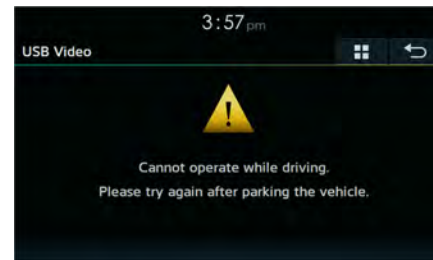
# USB Image

## Viewing USB Image

Press the  MEDIA  key ▶ Press the  USB Image 
button.





### 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

• In full screen, images can be zoomed in/out by up to 400%.

## Searching USB Image Files

Swipe the screen to left/right to view the previous/next image.

# USB Image

## Slide Show
Press the  Slide Show  button ▶ Select the desired display time to view slide show.
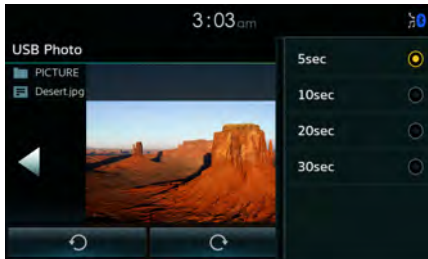




Slide show intervals can be set at  5 sec  ,  10 sec  ,  20 sec  , or  30 sec  intervals.

## Rotate
Press the  Rotate Right  button to rotate image.
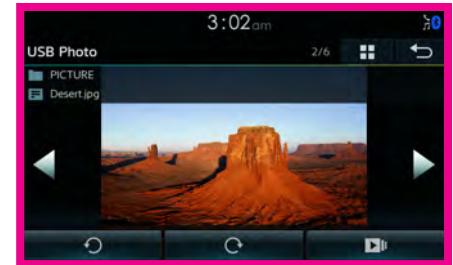
# USB Image

## Info

Press the [Info] button to display file information.



## List

Press the [List] button to display USB Image list screen.
To change list type, press ☰ ▶ [List View] / [Thumbnail View] .
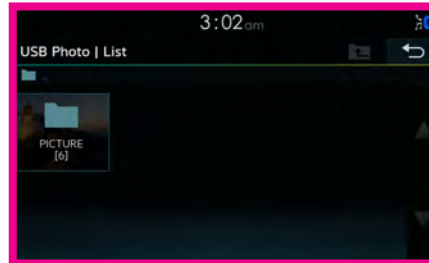




## Display Settings

Press the ☰ button ▶ Press the [Display Settings] button.

For details, refer to the Display on the page 56.

# 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  MEDIA  key ▶ Press  iPod Music  button.
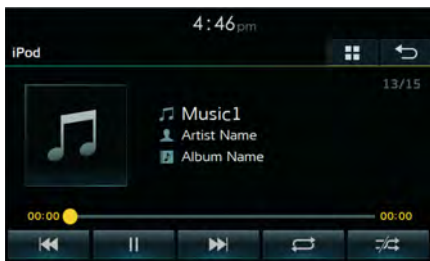


• Press the ▶ button to play files saved within the iPod® device.
• Press the ‖ button to pause the file.

**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 19.

## Repeat

Press the  Repeat  button.
For details, refer to the page 19.

## Shuffle

Press the  Shuffle  button.
For details, refer to the page 19.

## List

Press the  List  button to display iPod® list screen.
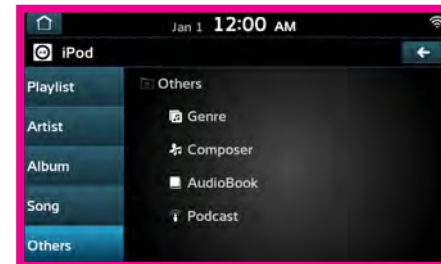


It is possible to search by Playlist, Artist, Album, Song and Others.

## Sound Settings

Press the ☰ button ▶ Press the  Sound Settings  button.

For details, refer to the Sound on the page 54.

# AUX

## Playing an AUX source

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

Press the MEDIA key ▶ Press the AUX button to play auxiliary device while a different source is playing.
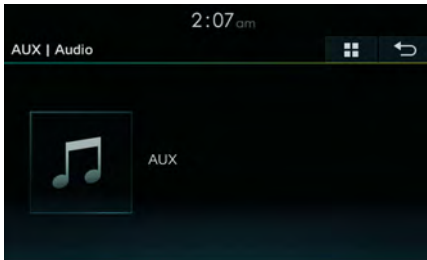


## Sound Settings

Press the ☰ button ▶ Press the Sound Settings button.

For details, refer to the Sound on the page 54.

# Bluetooth® Audio

## Before playing the Bluetooth® audio

• Music saved in the mobile phone can be played in the car through Bluetooth® audio streaming.

• Bluetooth® audio can be played only when a Bluetooth® phone or Bluetooth® audio device has been connected. To play Bluetooth® audio, connect the Bluetooth® phone to the car system. For more information on connecting Bluetooth®, please refer to the users manual [Pairing and connecting the unit and a Bluetooth® phone] on page 31.

• If Bluetooth® is disconnected while playing Bluetooth® audio, the audio stream will be interrupted.

• The audio streaming function may not be supported in some mobile phones. Only one function can be used at a time, either the Bluetooth® handsfree or the Bluetooth® audio function. For example, if you convert to the Bluetooth® handsfree while playing Bluetooth® audio, the music stream is interrupted.

• Playing music from the car is not possible when there are no music files saved in the mobile phone.

## Playing Bluetooth® audio

Press the `MEDIA` key ▶ Press the `Bluetooth Audio` button.

For details of Connections Settings, refer to the "Bluetooth® connection" on the page 31.

• Press the ▶/Ⅱ button to play/pause files saved within the Bluetooth® phone.

## Searching Bluetooth® audio Files

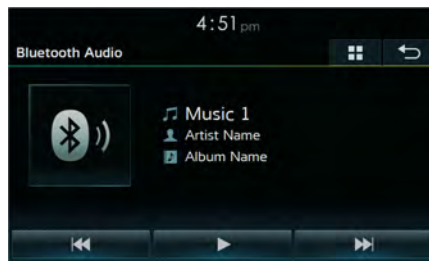You can play the previous or next file. For details, refer to the page 19.

### NOTE

• The title/artist info may not be supported in some mobile phones. When it is not supported, only the symbol will be displayed.
• The play/pause feature may operate differently depending on the mobile phone.

## Using the Menu Buttons

Press the ▦ button to set Connections and Sound Settings.
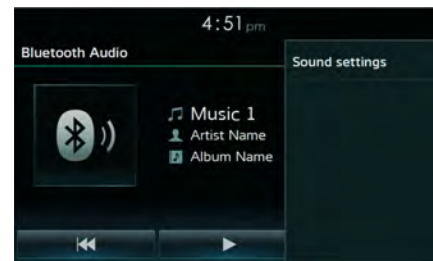
For details of Connections Settings, refer to the "Bluetooth® connection" on the page 31.

For details of Sound Settings, refer to the Sound on the page 54.

# Bluetooth Audio

## Before Using the Bluetooth® Handsfree

### What is Bluetooth® Wireless Technology?

- Bluetooth® Wireless Technology refers to a short-distance wireless networking technology which uses a 2.45GHz frequency to connect various devices within a certain distance.
- Supported within PCs, external devices, Bluetooth® phones, PDAs, various electronic devices, and automotive environments, Bluetooth® Wireless Technology to be transmitted at high speeds without having to use a connector cable.
- Bluetooth® Handsfree refers to a device which allows the user to conveniently make phone calls with Bluetooth® mobile phones through the Multimedia system.
- The Bluetooth® Handsfree feature may not be supported in some mobile phones.

## Precautions for Safe Driving

- Bluetooth® Handsfree is a feature that enables drivers to practice safe driving. Connecting the head unit with a Bluetooth® phone allows the user to conveniently make calls, receive calls, and manage the phone book. Before using Bluetooth® Wireless Technology, carefully read the contents of this users manual.
- Excessive use or operations while driving may lead to negligent driving practices and be the cause of accidents. Do not operate the device excessively while driving.
- Viewing the screen for prolonged periods of time is dangerous and may lead to accidents. When driving, view the screen only for short periods of time.

## Cautions upon Connecting Bluetooth® Phone

- Before connecting the head unit with the mobile phone, check to see that the mobile phone supports Bluetooth® features.
- If you do not want automatic connection with your Bluetooth® device, turn the Bluetooth® feature off on the Bluetooth® device.
- Park the vehicle when connecting the head unit with the mobile phone.
- Some Bluetooth® features may occasionally not operate properly depending on the firmware version of your mobile phone. If such features can be operated after receiving a S/W upgrade from your mobile phone manufacturer, unpair all devices and pair again before use.

# Bluetooth® Connection

## When no Phones Have Been Paired

Press the [📞] key on the steering wheel or press the [PHONE] key ▶ Press the [Add New] button.
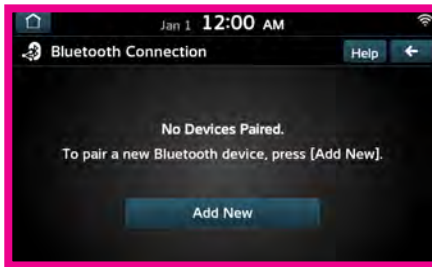


**NOTE**

• Press the [Help] button to see quick guide.



From the Bluetooth® device, search for the car name and pair the device. When searching from the Bluetooth® device, the car name is KIA MOTORS and the default passkey is 0000.

## When a Phone is Already Paired

Press the [📞] key on the steering wheel or press the [PHONE] key ▶ Press the phone name to pair.
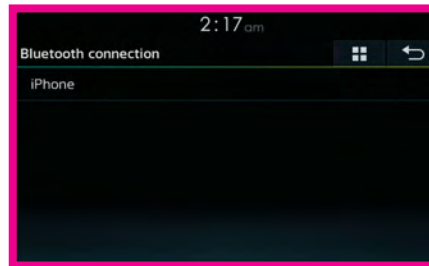


**NOTE**

• When a Bluetooth® device is connected, a new device cannot be paired. If you want to pair a new phone, first disconnect the connected Bluetooth® device.

## When your phone is connected

Press the [📞] key on the steering wheel or press the [PHONE] key on the head unit to display the following screen.



**NOTE**

• Once Bluetooth® connection is successful, the name of the connected mobile phone will be displayed on the phone screen and Bluetooth® handsfree functions will be ready to be operated.
• Some functions may not be supported due to limited Bluetooth® compatibility between the car system and mobile phone.

# Bluetooth® Phone

## Making/Answering Calls

### Calling by Dialling a Number

Enter number on the Dial Pad ▶ Press the ![button] button or the ![key] key on the steering wheel.



**NOTE**

・ If you press the wrong number, press ![delete] to delete one digit of the entered number. Press and hold the dial pad 0 + to enter a "+".

・ Press the ![search] button to search phone numbers. For detail, refer to the Searching for contacts on page 34.

## Making a Call from Speed Dial

Enter the 1 or 2 digit speed dial number with the Dial Pad ▶ Press and hold the last number.

### Calling through Redial

Press and hold the ![button] button or Press the ![key] key on the steering wheel twice.

**NOTE**

・ Redialling is not possible when there is no dialled calls list.

## Answering a Call

Incoming call notice ▶ Press the ![Accept] button or the ![key] key on the steering wheel.



### Rejecting a Call

Incoming call notice ▶ Press the ![Reject] button or the ![MUTE] key on the steering wheel.

# Bluetooth® Phone

## Operating Menus during a Call
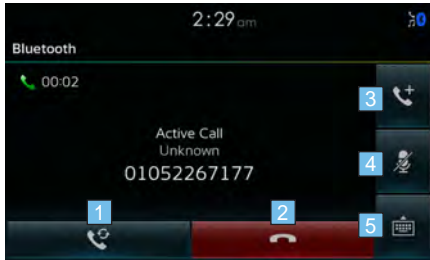


| Name | Description |
|------|-------------|
| 1 📞 | Switches a voice call from the car handsfree to the mobile phone. |
| 2 📞 | Ends a call. |
| 3 📞 | Operates 3-way call. |
| 4 🎤 | Turns the Mic On/Off. |
| 5 ⌨ | Display dial pad screen for entering ARS numbers. |

## Ending a Call

While on a call ▶ Press the End button or the MUTE key on the steering wheel.

## Switching Call to Bluetooth® Phone

During handsfree call ▶ Press the Use Private button or press and hold the key on the steering wheel.
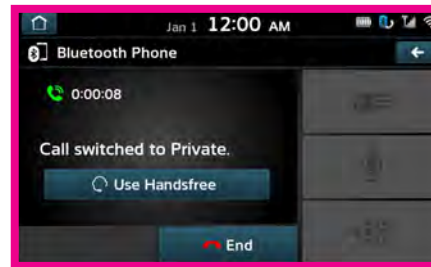


During call on mobile phone ▶ Press the Use Handsfree button or press and hold the key on the steering wheel.

## Making a 3-way Call

While on a call ▶ Press the button. ▶Press phone number you want to make a call.

## Contacts

### Downloading Contacts

Up to 5,000 mobile phone contacts can be updated.

In the Contacts screen ▶ Press the button ▶ Press the Download button.



The contacts are deleted and the contacts of the connected phone is updated.

# **Bluetooth® Phone**

## Making a call from contacts

In the Contacts screen ▶ Press the contact you want to call.



## Searching for contacts

In Contacts screen ▶
Press the ⊞ button ▶ Press the
`Search by Name` or `Search by Number` ▶
Enter the name or number ▶ Press the contact you want to call.
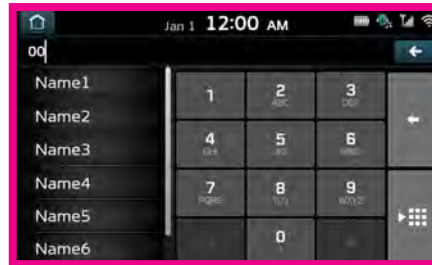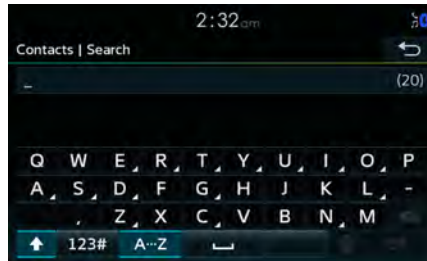




## **Information**

In the Contacts screen ▶ Press the `i` button you want to see.
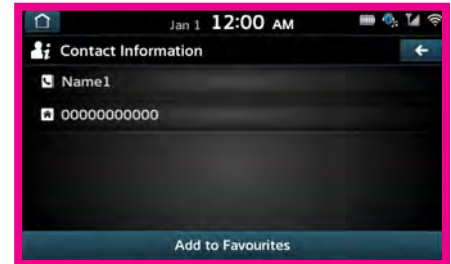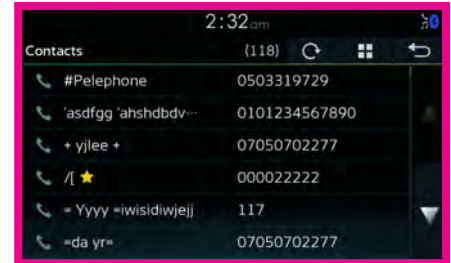




Press the `Add to Favourites` button to add contact to favourites.

# Bluetooth® Phone

## Call History

In the Phone screen ▶ Press the [Call History] tab.



| Name | Description |
|------|-------------|
| 1 All | Displays the entire call history. |
| 2 Dialled Calls | Displays the outgoing call list. |
| 3 Received Calls | Displays the incoming call list. |
| 4 Missed Calls | Displays the missed call list. |

**NOTE**

• The call list may not be saved in some mobile phones.

## Information

In Call History screen ▶ Press the [i] button you want to see.
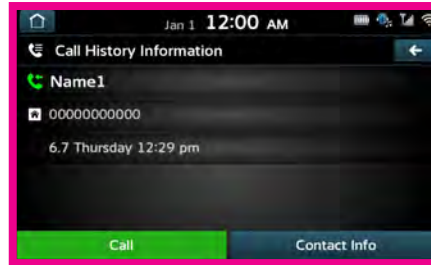


Press the [Call] button to make a call. Press [Contacts Info] ▶ [Add to Favourites] to add contact to favourites.

## Favourites

### Calling Favourites

In the Phone screen ▶ Press the [Favourites] tab ▶ Press the Favourite you want to call.
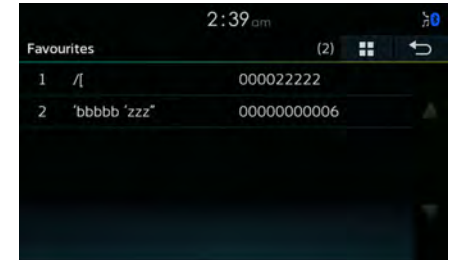


### Saving to Favourite

When no favourites have been added ▶ Press the [Add New] button ▶ Press the contact you want to add.
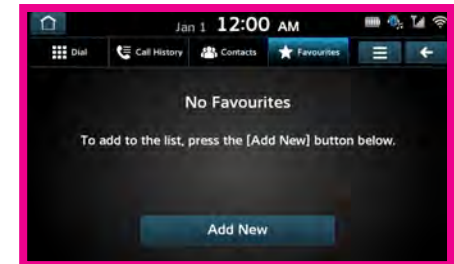
# Bluetooth® Phone

When a favourite is already added ▶ Press the [≡] button ▶ Press the [Add New] button ▶ Press the contact you want to add.
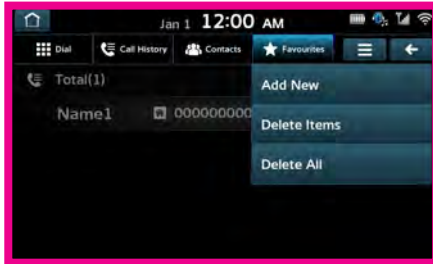


**NOTE**

• Up to 20 contacts can be added.

## Deleting Favourites

In the Favourites screen ▶ Press the [≡] button ▶ Press the [Delete All] ▶ Press the [Yes] button.
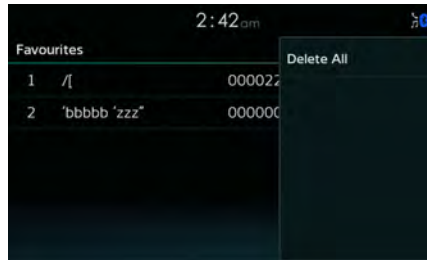


In the Favourites screen ▶ Press the [≡] button ▶ Press the [Delete Items] button ▶ Select the contacts ▶ Press the [Delete] button ▶ Press the [Yes] button.
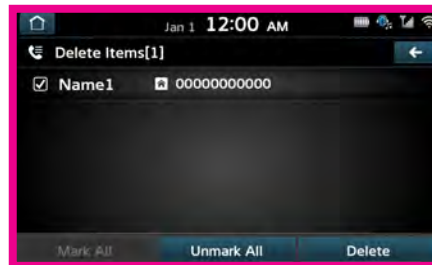


## Phone Settings

In the Phone screen ▶ Press the [⚙] button.
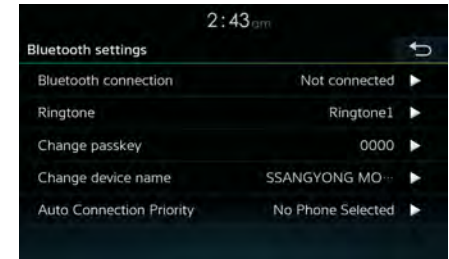


For details, refer to the Phone Settings on the page 58.

# Android Auto<sup>TM</sup> - Option

## About Android Auto<sup>TM</sup>

Android Auto<sup>TM</sup> brings the most useful apps from your phone to your vehicle´s screen, optimized for easy glancing and control while driving. You will be able to control things like navigation, maps, calls, text messages, and music, all from your vehicle´s screen.

To learn about Android Auto<sup>TM</sup> and its features, visit the Android website at http://www.android.com/auto/

### NOTE

• You can verify countries that support Android Auto<sup>TM</sup> through the website. This feature is unavailable in non-supported countries.
• Availability in supported countries may change without prior notice.

## Precautions

• Android Auto<sup>TM</sup> extends the Android platform from your mobile phone into the car. When users connect their handheld devices running Android 5.0 or higher to a compatible vehicle, the Android Auto<sup>TM</sup> user interface provides a car-optimized Android experience on the car screen. Users may interact with compatible apps and services through voice actions and the car input controls.
• Android Auto<sup>TM</sup> will be unavailable if the version of communication protocol is not supported or your mobile phone is unable to be recognized due to a shutdown caused by a failure or defect in the device.
• If you repeatedly connect and disconnect the USB cable on the device in a short period of time, your phone may malfunction. This can also cause a device failure.
• With your mobile phone connected, Android Auto<sup>TM</sup> will appear on the car display. Available functions and operations may differ depending on the company model.
• Make sure the vehicle gear is in park and that you have time to set up Android Auto<sup>TM</sup> before driving and that you have time to set up Android Auto<sup>TM</sup>.
• Android Auto<sup>TM</sup> features may operate differently than on your phone.
• Message and data charges may apply when using Android Auto<sup>TM</sup>. Please check with your mobile phone company.
• Android Auto<sup>TM</sup> relies on the performance of your phone. If you experience performance issues:
  - Close all apps and then restart them
  - Disconnect and then reconnect your phone
• Using the micro USB cable that was provided with your phone is recommended.

Android Auto help:
support.google.com/androidauto

## What you need?

1. An Android phone running Android 5.0 (Lollipop) or higher with a data plan.
2. A vehicle that's compatible with Android Auto<sup>TM</sup>.
3. A USB cable.

# Android Auto™ - Option

## Before starting Android Auto™

### Installing the Android Auto™ Application

Install Android Auto™ Application by following below procedure.
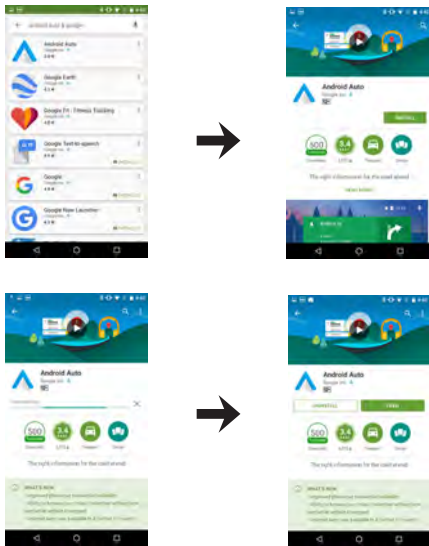


※ The screens shown in this manual may differ from the actual screens of Android phone.

## Setting the system

Before connecting your mobile phone, check whether Android Auto™ is enabled in Setup ▶ Connectivity .
Press Android Auto ▶ Check the Android Auto box ▶ Press OK to turn the feature on.



### NOTE

• The use of Android Auto™ can generate charges from your service provider for the use of applications that consume data.
• Android Auto™ is a registered trademark of Google, Inc.
• The design and the specifications of this guide is subject to change without notice.
• The screens that are shown in this manual can be different to the real screens of the product.

## Starting mode

1. Unlock your mobile phone screen.
2. Connect your mobile phone to your vehicle using an original USB cable.
3. Touch [Accept] to turn on notifications in Android Auto™.
4. Updating mobile applications such as Google Maps is recommended.
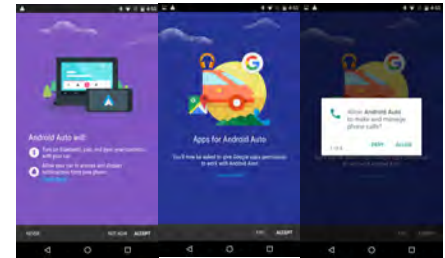


1. Accept screen  2. Permission for apps  3. Permission for mobile phone features

5. Review the Terms & Conditions from both your mobile phone and vehicle's device, and then ACCEPT to use Android Auto™. (It is required only the first time that the application is used.)

# Android Auto™ - Option
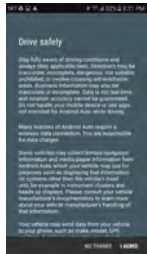
In smart phone
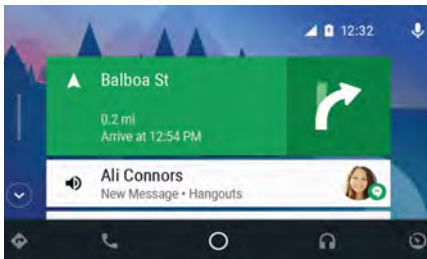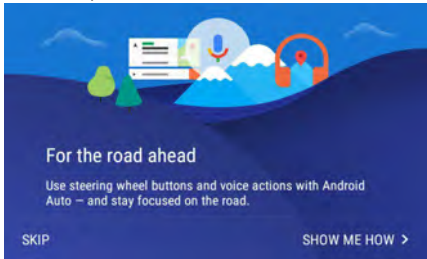




In vehicles device

## NOTE

- Using the USB cable that was provided with your phone is recommended.
- The Functionality and performance of Audio-Video system of the vehicle may vary depending on the brand, model, and specifications of connected smart phones.
- Your phone might ask you to download or update certain apps, like Google Maps.
- If you're running Android 6.0 (Marshmallow) or higher, Bluetooth® will be turned on automatically when Android Auto™ is active.

When in a different mode, press `MEDIA` ▶press `Connectivity` ▶press `Android Auto` .

## Home Screen
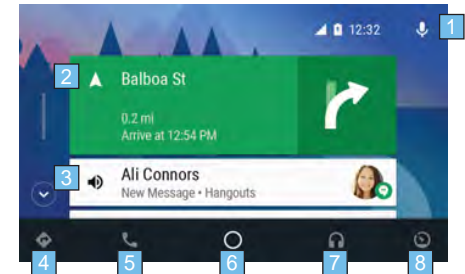


| No | Description |
|---|---|
| 1 | Microphone |
| 2 | Navigation suggestions and recent places |
| 3 | Reminders, messages, calls, and other alerts |
| 4 | Maps and navigation |
| 5 | Calls and messages |
| 6 | Home screen |
| 7 | Music and audio |
| 8 | Exit Android Auto™ |

# Android Auto™ - Option

## Talk to Google

1. Press the microphone [ 🎤 ] button on the display or press and hold the [ 🖳 ] key on your steering wheel until you hear the beep.
2. Say commands you want to use. Then you can do things like send or reply to a text, search for a location, make a call, or play your music.

## Return to your car's Media screen

Press the [ 🕐 ] button on the display.

## Return to the Android Auto™ Home screen

Press the [ ⬤ ] button on the display.

**NOTE**

• Wireless signal reception may vary, reception dependent features may temporarily pause then resume when signal strength has been regained.

# Apple CarPlay - Option

## About Apple CarPlay

• CarPlay puts key iPhone apps - the ones you want to use while driving - on your cars built-in display. With CarPlay, you can get turn-by-turn directions, make phone calls, exchange text messages, listen to music, and more. Apple CarPlay is available on select automobiles navigation systems, and works with iPhone 5 or higher with iOS 7.1 or higher.

• You operate CarPlay using your cars built-in controls - a touchscreen, a rotary knob controller, or both. To learn how to operate your display, see the user guide that came with your car. Or just use Siri voice control to tell CarPlay what you want. In fact, Siri often steps in automatically to help you, depending on the app youre using.

• For more information, refer to the iPhone manual or visit the Apple website.

## Precautions

• Apple CarPlay is unavailable if the version of communication protocol is not supported or your phone is unable to be recognized due to a shutdown caused by a failure or defect in the device itself.

• Your phone may not be recognized if its battery is low. Charge your phone then try again.

• If your phone is shut down due to a defect in the device itself, reset your phone and try again.

• If you repeatedly connect and disconnect the USB cable on the device in a short period of time, your phone may malfunction. This can also cause a device failure.

• The device recognition time may differ depending on the device type and firmware/OS version.

• When using this feature, the use of a dedicated cable is recommended. (Using a non-genuine product may cause noise or malfunction.)

• Apple CarPlay may not operate normally due to mobile phone issues.

## What you need?

1. An iPhone5 or higher.
2. Apple® Lightning to USB Cable recommended
   *Duplicate USB cables may effect connection.
3. A Genuine USB cable from Apple.

## Before starting Apple CarPlay

### Setting Siri on the iPhone

Siri must be enabled on your iPhone. If Siri is turned off, a notice will be displayed.
Go to Settings ▶ General ▶ Siri ▶ Turn on Siri.
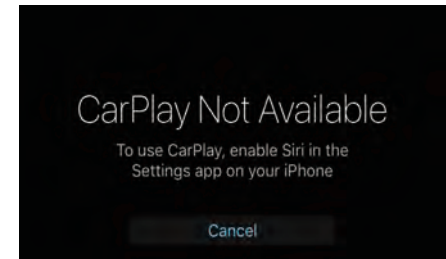
# Apple CarPlay - Option

## Setting the system

Before connecting your mobile phone, check whether Apple CarPlay is enabled in Setup ▶ `Connectivity` .
Press `Apple CarPlay` ▶ Select `Apple CarPlay` ▶ Press `OK` to turn the feature on.
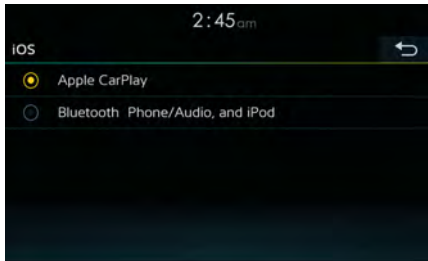
## Starting mode

Connect your phone to your car using a USB cable. The CarPlay Home screen will be displayed automatically.

When in a different mode, press `MEDIA` ▶ press `Connectivity` ▶ press `Apple CarPlay` .

## Home Screen
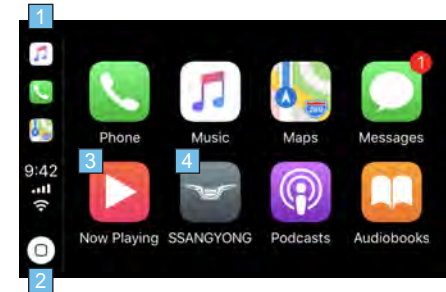
| No | Description |
|----|-------------|
| 1 | Return to a call |
| 2 | Home button |
| 3 | View current audio source |
| 4 | Return to your cars Home screen |

### NOTE

• Map and Turn by Turn features are available only in countries supported by Apple (check link for information on supported countries). (http://www.apple.com/ios/feature-availability/#applecarplay-applecarplay)
• The position of the Home button changes according to driver seat location.

# Apple CarPlay - Option

## Speak to Siri

Press and hold the 🎙 button on the steering wheel, or touch and hold the Home button on the CarPlay Home screen, until Siri beeps.

Then say commands you want to use. Then you can do things like send or reply to a text, search for a location, make a call, or play your music.

## Open an app

Tap the app on the touchscreen.

## Return to the CarPlay Home screen

Tap the Home button on the touchscreen.

## Return to your car's screen

Tap the car logo. Or press the `MEDIA` key or the desired key on the device.

## View additional apps

If you have more than eight apps, some apps may appear on another page of the Home screen. Swipe left on the touch-screen.

## Return to a phone call or to turn-by-turn directions

Tap the icon in the upper-left corner of the touchscreen.

## View and control the current audio source

Tap Now Playing to see the current audio app.

# Apps
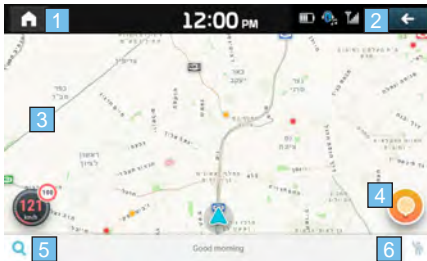
## Before starting Apps

Connect Wi-Fi in Wi-Fi Settings.
For details, refer to "Wi-Fi" on the page 62.

## About Waze

Waze is the world's largest community based traffic and navigation app.

## Starting Waze

1. In the Home screen ▶ Press the All Menus button ▶ Press the WAZE button.



2. Select desired country to download map information.





3. Press the Get Started button ▶ Press the Accept button to agree with End user license agreement.

# Apps

## Waze Home Screen



| Name | Description |
|------|-------------|
| 1 Home | Moves to your car's home screen. |
| 2 Back | Moves to the previous screen. |
| 3 Map screen | Displays current location and route guidance. |
| 4 Share | Shares traffic information and camera locations among users. |
| 5 Search and settings | Displays the search and settings menu. |
| 6 Sound | Displays the sound settings menu. |

## Searching for Destination

1. In the Home screen ▶ Press the 🔍 button.
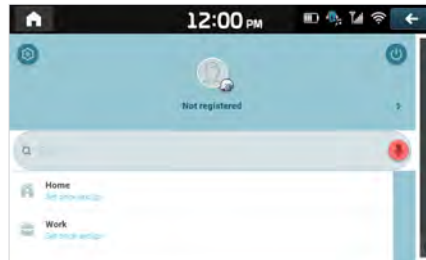


2. Enter the keyword and press the Search button.
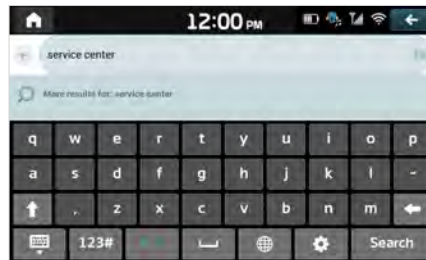


3. Select the desired destination from the search results.
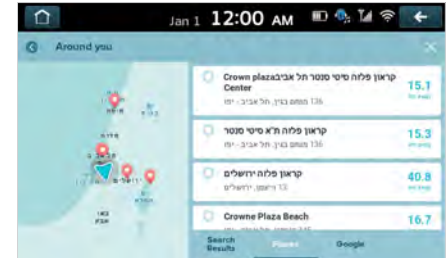


4. Press the GO ▶ button.
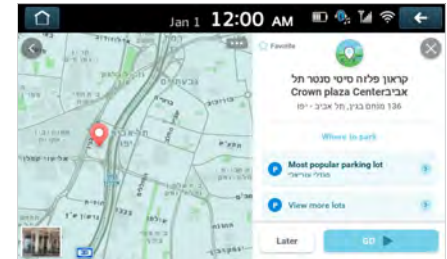


5. Route guidance will start.

# Apps

## Waze Settings

1. In the Home screen ▶ Press the 🔍 ▶ Press the ⚙ button.
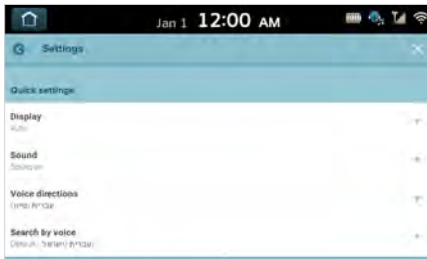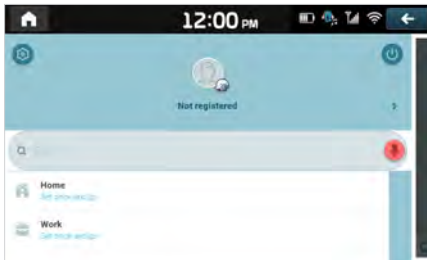




You can check and change the settings for all features. For details, visit the Waze website. (https://www.waze.com)

# ■ Apps

ENGLISH

## Nobex

Nobex allows you to listen to radio broadcasts over the Internet.

## Starting Nobex

In the Home screen ▶ Press the All Menus button ▶ Press the NOBEX button.
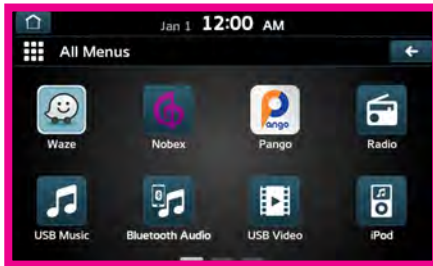


## Nobex Home Screen
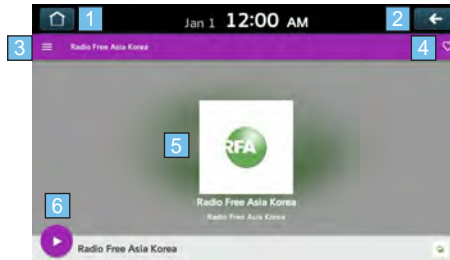


| Name | Description |
|------|-------------|
| 1 Home | Moves to your car's home screen. |
| 2 Back | Moves to the previous screen. |
| 3 Menu | Displays menus. |
| 4 My Stations | Adds the current station to My Stations. |
| 5 Station Info | Displays the current station. |
| 6 Play/ Pause | Press to play or pause. |

## Searching Stations

1. In the Home screen ▶ Press the ☰ button ▶ Press the ⊘ Browse button ▶ Press the 🔍 button.

47
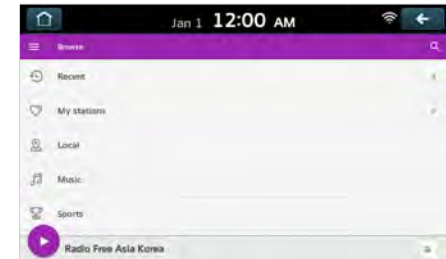
2. Enter the keyword and press the Search button.
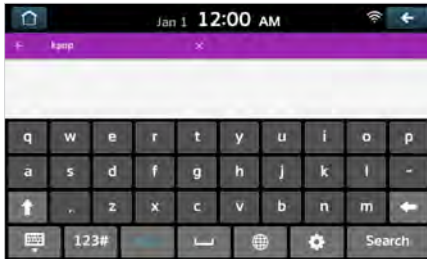


3. Select the desired station from the search results.
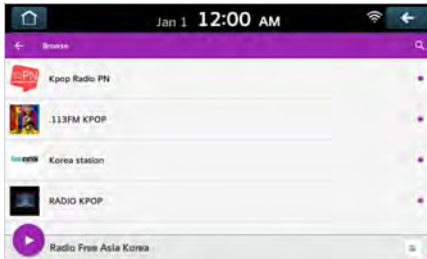


4. The broadcast will be started.

## Searching Stations from category

1. In the browse screen ▶Drag and select the desired category.
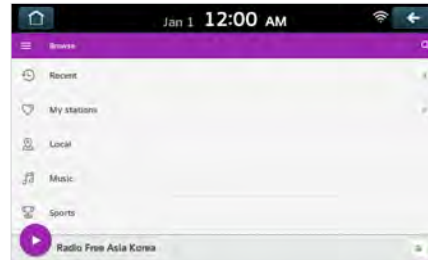


2. Select the desired station from the list.
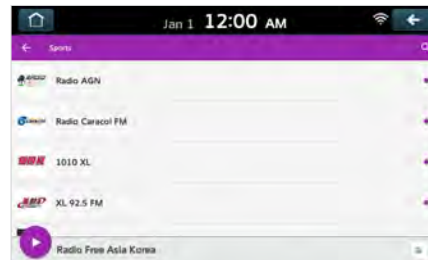


## Nobex Settings

1. In the Home screen ▶ Press the ☰ button ▶ Press the ⚙ Settings button ▶
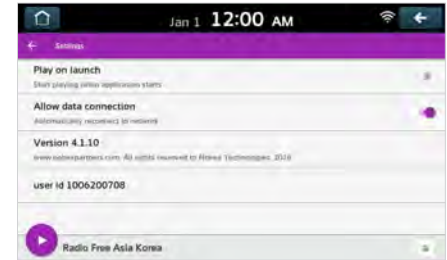


You can check and change the settings for all features.
For details, visit the Nobex website. (http://www.nobexradio.com/)

# Apps

## Pango+

Pango is Israel's largest parking application. The app offers a variety of advanced services with a range of smart features in parking.

## Starting Pango

1. In the Home screen ▶ Press the `All Menus` button ▶ Press the `PANGO` button ▶
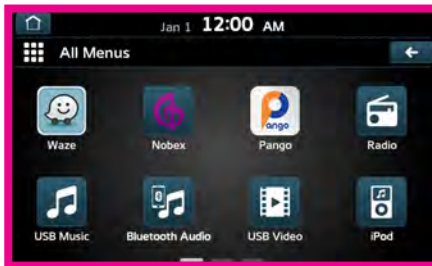
2. Enter the ID and password to login.

### NOTE

• Registration through the website and call centre is required. The vehicle and payment information must be registered in advance.
• For details, refer to the website.
http://www.pango.co.il

## Pango Home Screen

| Name | Description |
|---|---|
| 1 Parking Area List | Displays the list of available parking areas within the city. |
| 2 City List | Displays the city list. |
| 3 Vehicle Information | Displays the current vehicle information. |

## Parking

1. First, park in a parking area where Pango can be used.
2. Press the 🔵 button to display the list and find the place where you parked.



**NOTE**

• Press the [ בחר עיר ] button to change the city.

3. Press the parking area that matches the area where you parked. Press the [ כן ] button to start parking and display the parking area information and available parking hours.
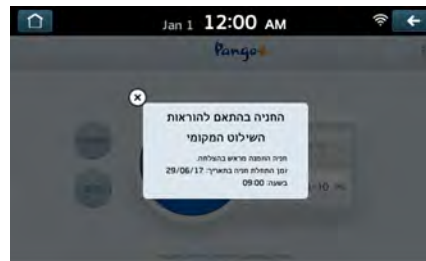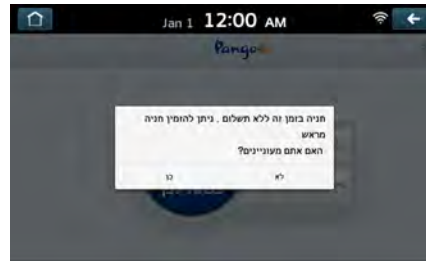




4. During parking, the hours you have parked is displayed as shown below.



5. To end parking, press the [ כן ] and then the 🔵 button. The hours you have parked and the parking fee are displayed.
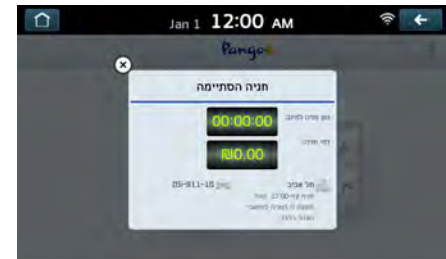


**NOTE**

• To extend parking, press the 🔵 button.

# Information

## Manual

In the Home screen ▶ Press the `All Menus` button ▶ Press the `Manual` button ▶ Press the desired category.





2. Swipe the screen to view the manual.

## Searching Information

1. In the Manual screen ▶ Press the 🔍 button.



2. Enter the keyword ▶ Press the `OK` button.



3. Corresponding information will be displayed.

# Information

## Service Centres

1. In the Home screen ▶
   Press the  All Menus  button ▶ Press the
    Service Centres  button.



2. Press the desired menu.
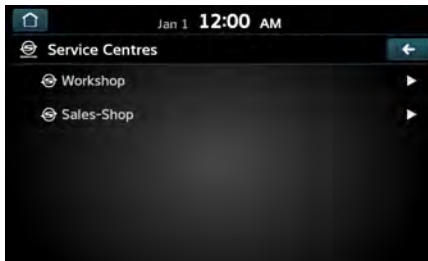


3. Press the desired shop to view information.
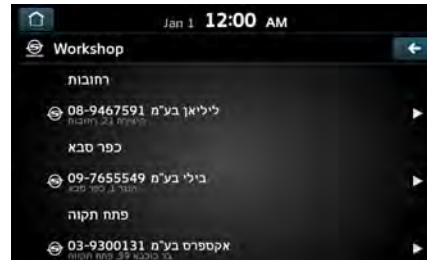


4. Press the  Set as destination  button to get
   route guidance with Waze app.
   Press the  Call  button to make a call.

# Information
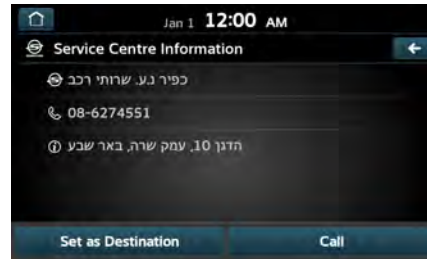
## Quick Guide

1. In the Home screen ▶
   Press the **All Menus** button ▶ Press
   the **Quick Guide** button ▶ Press the
   desired category.

2. Swipe the screen or press the **<** , **>**
   button to view the quick guide.

3. Press the **▼** button to view list in the
   corresponding category.

# Setup

## Starting mode

Press the SETUP key to display the Setup screen.



## Sound

This menu is used to adjust the sound effects for the whole system.
Press the SETUP key ▶ Press the Sound button.
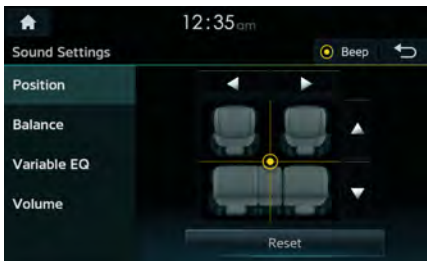


## Position

In the Sound Settings screen ▶ Press the Position ▶ Set the desired sound position.
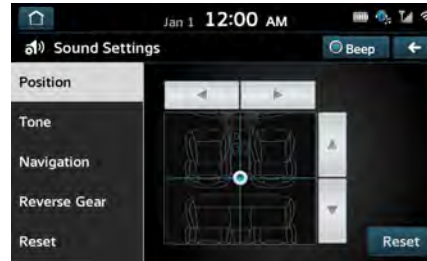


Use the ▲ , ▼ and ◉ buttons to adjust settings.
Press the Reset to restore sound to the centre position.

## Tone

In the Sound Settings screen ▶ Press the Tone ▶ Set the desired sound balance.
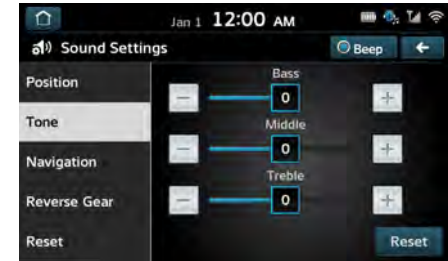


Use the + , − and 0 buttons to adjust settings.
Press the Reset to initialize the settings.

# Setup

## Navigation

In the Sound Settings screen ▶ Press the `Navigation` ▶ Set the desired option.
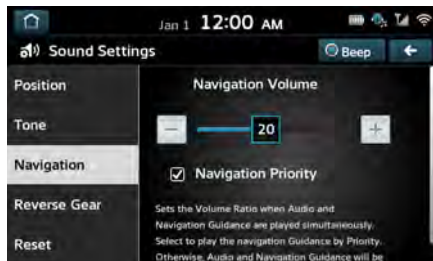


Use the ⊞ , ⊟ and 20 buttons to adjust navigation volume.
Check the [Navigation Priority] box to turn the feature on. Navigation voice guidance is louder than audio volume when played simultaneously.

## Reverse Gear

In the Sound Settings screen ▶ Press the `Reverse Gear` button ▶ Check the [Mute in Reverse Gear] box to turn the feature on.



Uncheck the [Mute in Reverse Gear] box to turn
the feature off.

## Reset

In the Sound Settings screen ▶ Press the `Reset` button ▶ Press the `Reset` button ▶ Press the `Yes` button to reset the sound settings.
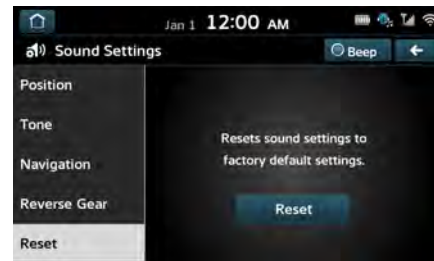


## Beep

In the Sound Settings screen ▶ Press the `Beep` to turn on/off.
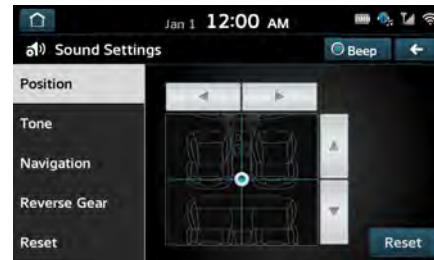
# Setup

## Display

This menu allows you to set the display settings for the whole system.

Press the `SETUP` key ▶ Press the `Display` button.
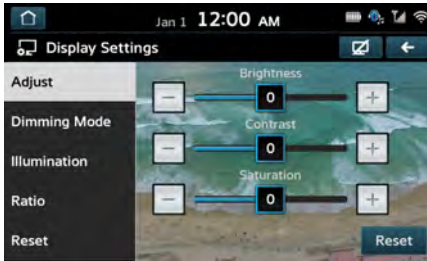


## Adjust

In the Display Settings screen ▶ Press the `Adjust` ▶ Set the desired brightness, contrast and saturation.
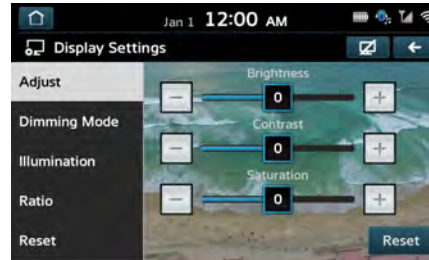


Use the `+` , `-` and `0` buttons to adjust settings.
Press the `Reset` to initialize the settings.

## Dimming Mode

This menu allows you to set the brightness according to mode changes.
In the Display Settings screen ▶ Press the `Dimming Mode` ▶ Set the desired mode.
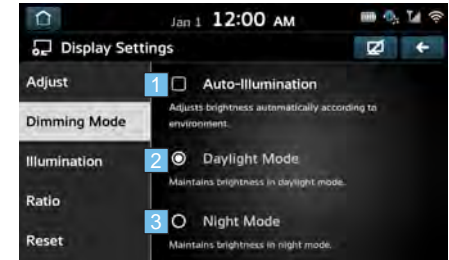


| Name | Description |
|---|---|
| 1 Auto-Illumination | Adjusts the brightness automatically according to surrounding brightness. |
| 2 Daylight Mode | Brightness level always set on high. |
| 3 Night Mode | Brightness level always set on low. |

# Setup

## Illumination

This menu allows you to set the bright-
ness during Daylight Mode.
In the Display Settings screen ▶ Press the
Illumination ▶ Set the desired brightness.
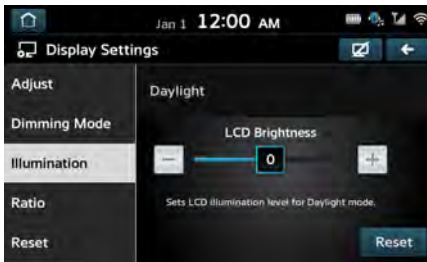


Use the + , − and 0 buttons to adjust
settings.
Press the Reset to initialise the settings.

## Ratio

This menu allows you to set the display
ratio.
In the Display Settings screen ▶ Press the
Ratio ▶ Set the desired brightness.
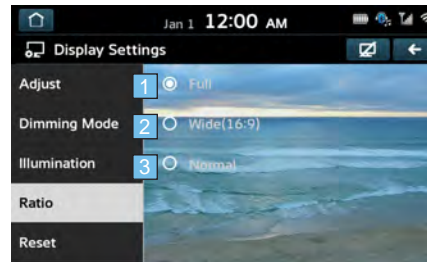


| Name | Description |
|---|---|
| 1 Full | Displays in full screen. |
| 2 Wide (16:9) | Displays in wide-screen display of 16:9 ratio. |
| 3 Normal | Displays in 4:3 ratio. |

## Reset

In the Display Settings screen ▶ Press
the Reset button ▶ Press the Reset but-
ton ▶ Press the Yes button to reset the
display settings.
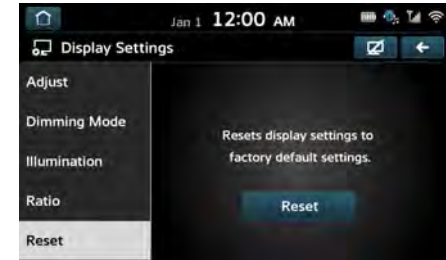


## Display Off

In any Settings screen ▶ Press the ▨
to turn display off. Touch anywhere on
the screen to turn display on.
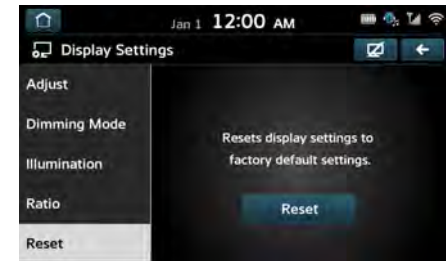
## Phone

This menu allows you to set Bluetooth® settings.

Press the [ SETUP ] key ▶ Press the [ Phone ] .

| ♠ | 12:35 am |  |
|---|---|---|
| **Bluetooth settings** | | ↩ |
| Bluetooth connection | iPhone | ▶ |
| Ringtone | Ringtone1 | ▶ |
| Change passkey | 0000 | ▶ |
| Change device name | KIA MOTORS | ▶ |
| Auto connection priority | No phone selet.. | ▶ |
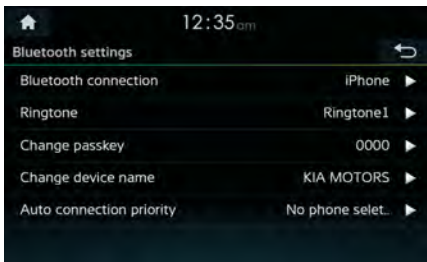
## Bluetooth® Connection

This menu allows you to manage the Bluetooth® device list, such as pairing, connecting or deleting Bluetooth® devices.

In the Phone Settings screen ▶ Press the [ Bluetooth Connection ] button.
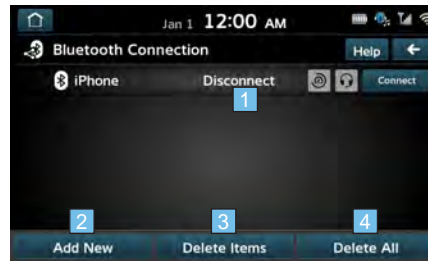
| Name | Description |
|---|---|
| 1 Connect/ Disconnect | Connect /disconnect a Bluetooth® device. |
| 2 Add New | Pair a new Bluetooth® device. |
| 3 Delete Items | Delete a paired Bluetooth® device. |
| 4 Delete All | Delete all paired Bluetooth® device |

## Auto Connection Priority

The Bluetooth® device will automatically be connected according to the option set when the car ignition is turned on.

In the Phone Settings screen ▶ Press the [ Auto Connection Priority ] button ▶ Select the Bluetooth® device you wish to set priority connection.

If you press [ No Phone Selected ] button, the most recently connected Bluetooth® phone will connect automatically.

# Setup

## System Bluetooth® Info

### Changing device name

In the Phone Settings screen ▶
Press the System Bluetooth Info button ▶
Press the Device Name REXTON button
▶ Enter the name ▶ Press the OK button.

**NOTE**

• The default device name is RE.

## Change passkey

This feature allows you to change the passkey used for Bluetooth® device authentication.

In the Phone Settings screen ▶ Press the System Bluetooth Info button ▶ Press the Passkey 0000 button▶ Enter the passkey ▶ Press the OK button.

**NOTE**

• The default passkey is 0000.

## Reset

In the Phone Settings screen ▶ Press the Reset button ▶ Press the Yes button to reset the phone settings.

# Setup

## System

Press the `SETUP` key ▶ Press the `System` button.



## Screen Saver

This feature is used to display a screen saver when the monitor is off.

In the System Settings screen ▶ Press the `Screen Saver` button ▶ Select the desired option.



## Language

This menu allows you to set the language of the system.

In the System Settings screen ▶ Press the `Language` button ▶ Select the desired language.

# Setup

## Keyboard

This option allows you to change the type of keyboard used within the system.

In the System settings screen ▶ Press the  Keyboard  button ▶ Press the  Default Keyboard  button ▶ Select the desired language.



## System Info

In the System settings screen ▶ Press the  System Info  button.
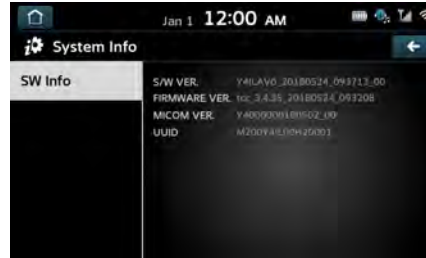


## Factory Reset

This menu allows you to reset settings specified by the user.

In the System settings screen ▶ Press the  Factory Reset  button ▶ Press the  Reset  button ▶ Press the  YES  button.
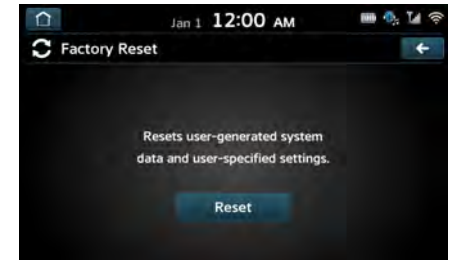
# Setup

## Date/Time

Press the `SETUP` key ▶ Press the `Date/Time` button ▶ Adjust the date and time.
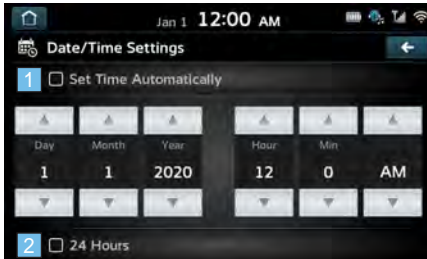


| Button | Description |
|---|---|
| 1 Set Time Automatically | Sets the time automatically using networks and GPS. |
| 2 24 Hours | Converts the digital clock display to 12 or 24 hours. |

## Wi-Fi

Press the `SETUP` key ▶ Press the `Wi-Fi` button ▶ Select the desired Hotspot ▶ Press the `Agree` button.
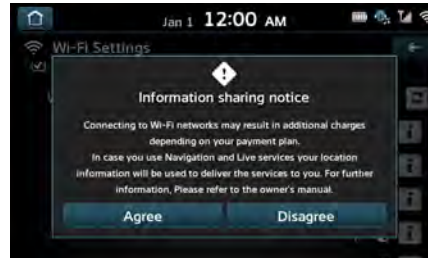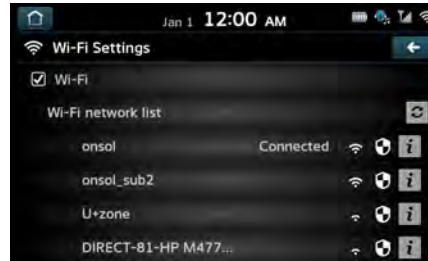




Enter the password ▶ Press the `OK` button.
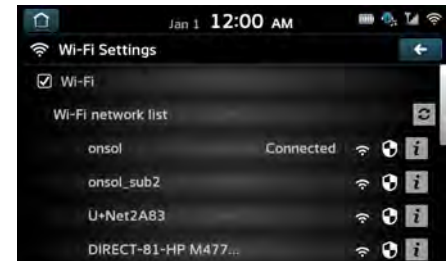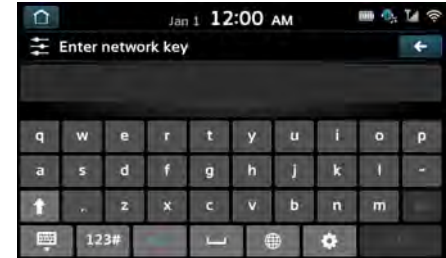
# Setup

## Downloaded Apps

This menu allows you to check apps infor-mation and turn apps off.

Press the `SETUP` key ▶ Press the `Downloaded Apps` button.
Press the desired app button to view information.
Press the `Force Stop` button to terminate the App.
Press the `OK` button.

### NOTE

• If the Waze App is not operating properly or the screen has frozen, press the `Force Stop` button and restart the Waze App.

# Specification

## USB MP3 Specification

| Category | Description |
|---|---|
| MP3 File Specification | Response Specification: MPEG1 AUDIO LAYER3 |
| Recommended Bitrate and Sampling Frequency | Response Sampling Frequency : 32, 44.1, 48 (KHz) |
| | Response Bitrate: 32, 40, 48, 56, 64, 80, 96, 112, 128, 160, 192 ,224 ,256 ,320 (Kbps) |
| ID3 TAG | ID3 v1.1 and ID3 v2.x TAG |
| Detailed Specification | • Max supported storage capacity: 32GB<br>• Max Directory Layers: 15 layers<br>• Max length of folder names and file names: 255Bytes<br>• Characters supported for folder/file names: English, hebrew, Arabic, Russian and numbers<br>• Max number of files recognized from one USB device: 5000 |

## Video and Image Specification

| Category | Description |
|---|---|
| File Format | AVI(DivX), MPEG |
| Image Format | jpg, gif, bmp, png |
| Extensions | avi, divx, mpg, mpeg, mp4, wmv |
| Supported Image Resolution | Max 4000x3000 |
| Supported Image File Size | Max 4 Mbytes |
| Supported image zoom in/out | Max 300% |
| Video Codec | MPEG-1, MPEG-2, WMV9, H.264, H.263, DivX4, DivX5, DivX6, Xvid |
| Video Resolution | 1920 x 1080 (WMV 9: Max 8Mbps, 1280x720, WMV 8: 640x480) |
| Audio Codec | MP3, OGG, WMA (AC3 not supported ) |
| Subtitles | SMI |
| Unsupported files | • Files not compatible with supported specifications<br>• Modified files (files with modified file formats)<br>• Transformed files (example: AVI files encoded with WMV video codec)<br>• Files without indexes |

# Specification

## TFT-LCD

| Screen Size | 8.0 inches(203.2mm) diagonal |
|---|---|
| Resolution | 384,000 pixels (Resolution : 800 x 480) |
| Viewing Angle | Left/Right, Top/Bottom: (89°, 89°, 89°, 89°) |
| Internal Lighting | LED |

## Radio

| Channels | FM: 87.5MHz ~ 108.0MHz(Step: 50KHz) |
|---|---|
| | AM:522 kHz ~ 1620kHz(Step: 9kHz) |
| Sensitivity | FM : Under 10 dBuV / AM: Under 35dBu EMF |
| Distortion Factor | Within 2% |

## Bluetooth Wireless Technology

| Frequency Range : | 2402 ~ 2480 MHz |
|---|---|
| Supported Bluetooth Specification : | 2.1+EDR |
| Supported Profile : | HFP (1.6) , A2DP (1.3) , AVRCP (1.5) , PBAP(1.2) |
| Bluetooth Power | Class2 |
| Number of Channels : | 79 channels |

## Common

| Power Supply | DC 12V | Operating Power | DC 9V ~ DC 16V |
|---|---|---|---|
| Sleep Current | LESS THAN 1mA | | |
| Operating Temperature | -20 ~ +70 ℃ (-4 ~ +158℉) | Storage Temperature | -30 ~ +80 ℃ (-22 ~ +176℉) |
| Dimension | W208 x H138.5 x D174.7 mm | | |
| Current Consumption | 10A | | |

# Trouble shooting

1. Errors which occur during the operation or installation of the device may be mistaken as a malfunction of the actual device.
2. If you are having problems with the device, try the suggestions listed below.
3. If the problems persist, contact your dealer

| Problem | Possible Cause |
|---|---|
| There are small red, blue, or green dots on the screen | Because the LCD is manufactured with technology requiring high point density, a pixel or lighting deficiency may occur within 0.01% of total pixels. |
| The sound or image is not working | • Has the Switch for the vehicle been turned to [ACC] or [ON]?<br>• Has the SYSTEM been turned OFF? |
| The screen is being displayed but sound is not working | • Has the volume been set to a low level?<br>• Has the volume been muted? |
| When the power is turned on, the corners of the screen are dark | • The display appearing somewhat dark after prolonged periods of use is normal with LCD panels. It is not a malfunction.<br>• If the screen is very dark, contact your nearest dealer for assistance. |
| Sound is working from only one speaker | Are the positions of Fader or Balance sound controls adjusted to only one side? |
| Sound does not work in AUX mode | Are the audio connector jacks fully inserted into the AUX terminal? |
| The external device is not working | Is the external device connected with a standard connector cable? |
| When turning power on, the most recent mode screen is not displayed | Within modes that play files by reading external sources, such as USB, iPod®, or Bluetooth® streaming mode, the most recently played mode screen prior to turning off power may not properly load.<br>• If the corresponding device is not connected, the mode operated prior to the most recent mode will operate.<br>• If the previous mode still cannot be properly played, the mode operated prior to that will operate. |

# Trouble shooting

| Problem | Possible Cause | Countermeasure |
|---------|---------------|----------------|
| The power does not turn on. | The fuse is disconnected. | • Replace with a suitable fuse.<br>• If the fuse is disconnected again, please contact your point of purchase or service centre. |
| | Device is not properly connected. | Check to see that the device has been properly connected. |
| The system does not play. | The vehicle battery is low. | Charge the battery if the problem persists, contact your point of purchase or service centre. |
| The image colour/tone quality is low. | The brightness, and contrast levels are not set properly. | Properly adjust the brightness, and contrast levels through Display Setup. |
| Sound does not work. | The volume level is set to the lowest level. | Adjust the volume level. |
| | The connection is not proper. | Check to see that the device has been properly connected. |
| | The device is currently fast-forwarding, rewinding, scanning, or playing in slow mode. | The sound will not work when the device is fast-forwarding, rewinding, scanning, or playing in slow mode. |

# Trouble shooting

| Problem | Possible Cause | Countermeasure |
|---------|----------------|----------------|
| The sound or image quality is low. | Vibration is occurring from where the conversion switch has been installed. | The sound may be short circuited and the image distorted if the device vibrates. |
| | Image colour/tone quality is low. | The device will return to normal once vibrations stop. |
| The USB does not work | USB memory is damaged. | Please use after formatting the USB into FAT 12/16/32 format. |
| | USB memory has been contaminated. | Remove any foreign substances on the contact surface of the USB memory and multimedia terminal. |
| | A separately purchased USB HUB is being used. | Directly connect the USB memory with the multimedia terminal on the vehicle. |
| | A USB extension cable is being used. | Directly connect the USB memory with the multimedia terminal on the vehicle. |
| | A USB which is not a Metal Cover Type USB Memory is being used. | Use standard USB Memory. |
| | An HDD type, CF, SD Memory is being used. | Use standard USB Memory. |
| | There are no music files which can be played. | Only MP3, WMA file formats are supported. Please use only the supported music file formats. |
| The iPod® is not recognised even though it has been connected | There are no titles which can be played. | Use iTunes to download and save MP3 files into the iPod®. |
| | The iPod® firmware version has not been properly updated. | Use iTunes to update the firmware version and reconnect the iPod® with the device. |
| | The iPod® device does not recognise downloads. | Reset the iPod® and reconnect with the device. |

# Limited Warranty

# LIMITED WARRANTY
## ORIGINAL HEAD UNIT SUPPLIED BY VEHICLE DEALER

## WHAT THIS WARRANTY COVERS

1. Vehicle Dealer Shop ("Dealer") warrants to you that the Hardware will be free from defects in workmanship and materials under Normal use ("Defects") from the original date of the registration of the motor vehicle ("Warranty Period"). During the Warranty Period the Hardware will be repaired or replaced at DEALER's choice ("Limited Warranty") without charge to you for either parts or labour. This Limited Warranty covers the replacement of the head unit including of the Hardware only.

| Period Warranty | Mileage Warranty |
|---|---|
| 3years | Unlimited km |
| *Whichever Occurs earlier. | |

*The term of the warranty shall commence from the date of delivery of the new vehicle to the first purchaser.

## WHAT THIS WARRANTY DOES NOT COVER

2. The Limited Warranty does not apply to normal wear and tear, does not apply when the Hardware is opened or repaired by someone liquids, proximity or exposure to heat and accident, abuse, non-compliance with the instructions supplied with the Hardware, neglect or misapplication. The Limited Warranty does not cover physical damage to the surface of the Hardware. This Limited Warranty does not cover any software that may accompany or be installed on the Hardware.
The Limited Warranty does not cover the installation, removal or maintenance of the Hardware or any costs related herewith.

## HOW TO MAKE A WARRANTY CLAIM

3. In order to make a claim of a Defect, you must contact DEALER. If a defect arises and a valid claim under this Limited Warranty is received by DEALER after the first 3yrs/Unlimited km of the Warranty Period, DEALER is entitled to charge you for any reasonable shipping and handling costs made in connection with the repair or replacement of the Hardware. You must comply with any other return procedures stipulated by DEALER, if any.

# Limited Warranty

## DEALER LIMITED WARRANTY

YOUR LEGAL RIGHTS

4. Some countries may not allow the exclusion or limitation of damages. If any part of this Limited Warranty is held to be invalid or unenforceable, the remainder of the Limited Warranty shall nonetheless remain in full force and effect.
5. This Limited Warranty is the only express warranty made to you and is provided in place of any other express warranties or similar obligations (if any) created by any advertising, documentation, packaging, or other communications.
6. Except for the Limited Warranty and to the maximum extent permitted by applicable law, DEALER and its suppliers provide the Hardware "AS IS AND WITH ALL FAULTS", and hereby disclaim all other warranties and conditions, whether express, implied or statutory, including, but not limited to, any (if any) implied warranties, duties or conditions of satisfactory quality, of fitness for a particular purpose, of reliability or availability, of accuracy or completeness of responses, of results, of workmanlike effort, of lack of viruses, and of reasonable care and skill, all with regard to the Hardware, and the provision of or failure to provide support or other services, information, software, and related content through the Hardware or otherwise arising out of the use of the Hardware. Also, there is no warranty or condition of quiet enjoyment, quiet possession, or non-infringement with regard to the Hardware.
7. This Limited Warranty does not affect any legal rights under applicable national legislation governing the sale of consumer goods.
8. This Limited Warranty cannot be transferred to any other person.

## LIMITATION OF LIABILITY

9. Neither DEALER nor its suppliers shall be liable to you or to any third party for any damages either direct, indirect, incidental, consequential or otherwise (including in each case, but not limited to, damages for the inability to use the equipment or access data, loss of data, loss of business, loss of profits, business interruption or the like) arising out of the use of or inability to use the Hardware even if DEALER has been advised of the possibility of such damages.
10. Notwithstanding any damages that you might incur for any reason whatsoever, the entire liability of DEALER and any of its suppliers shall be limited to the amount actually paid by you for the Hardware.
11. DEALER shall not be liable for
    (I) any fraud on the part of its employees and/or agents; or
    (II) any fraudulent misrepresentation on the part of its employees and/or agents.
12. Notwithstanding the above, neither party's liability for death or personal injury resulting from its own negligence shall be limited.

# FCC Warning

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

· Reorient or relocate the receiving antenna.
· Increase the separation between the equipment and receiver.
· Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
· Consult the dealer or an experienced radio/TV technician for help

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.

Caution: Any changes or modifications to this device not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with minimum 20 cm between the radiator and your body. This transmitter must not be collocated or operating in conjunction with any other antenna or transmitter unless authorized to do so by the FCC.

# Support – HOTLINE
# CUSTOMER CARE CENTER

Contact your local SSANGYONG Dealer or SSANGYONG Customer Care on 1-800-377-775