

CAR MULTIMEDIA SYSTEM

USER'S MANUAL

SORENTO

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.



The Power to Surprise

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

 Pulse 10A

 -Minus Ground

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.

Table of Contents

Precautions for safety

Safety notes	6
--------------------	---

Key Product Features

Key Product Features	8
----------------------------	---

Component Names and Functions

Head Unit	9
Steering Wheel	11

Using the System for the First Time

Turning the System On/Off	12
Turning the System ON	12
Turning the System Off	12
AVON/OFF	12
Resetting the System	12

FM/AM

Basic Screen	13
Listening to FM/AM radio	14
Auto tuning	14
Manual tuning	14
Selecting Presets	14

Selecting Lists	14
Saving Radio Frequency	15
Saving Manually	15
Using Preset Menu	15
Scan	15
Scanning Radio Frequency	15
Scanning Preset frequency	15
Sound settings	15

USB

About USB	16
-----------------	----

USB Music

Playing USB Music	17
Searching USB Music Files	17
Repeat	17
Shuffle	17
Scan All	17
Scan Folder	17
Album Cover view	18
List	18
Sound settings	18

USB Video

Playing USB Video	19
Searching USB Video Files	19
Repeat	19
Shuffle	19
List	20
Caption	20
Display settings	20
Sound settings	20

USB Photo

Viewing USB Photo	21
Switching to menu screen or full screen	21
Searching USB Image Files	21
Rotating / Slide show	21
Using the Menu Buttons	22
Slideshow interval	22
Display settings	22

iPod® Music

About iPod®	23
Playing iPod® Music	24
Searching iPod® Music Files	24

Table of Contents

Using the Menu Buttons	24
Setting audiobook playback speed	24
Sound settings	24

AUX

Playing an AUX source	25
Using the Menu Buttons	25

Bluetooth® Audio

Before playing the Bluetooth® audio	26
Playing Bluetooth® audio	26
Searching Bluetooth® audio Files	26
Using the Menu Buttons	26

Bluetooth® Wireless Technology

Before Using the Bluetooth® Handsfree	27
What is Bluetooth® Wireless Technology?	27
Precautions for Safe Driving	27
Cautions upon Connecting	
Bluetooth® Phone	27

Bluetooth® Connection

When no Phones Have Been Paired	28
---------------------------------------	----

Pairing from the Bluetooth® Device	28
When a Phone is Already Paired	29
When your phone is connected	29

Bluetooth® Phone

Making/Answering Calls	30
Calling by Dialing a Number	30
Making a Call from Speed Dial	30
Calling through Redial	30
Answering a Call	30
Rejecting a Call	30
Operating Menus during a Call	31
Ending a Call	31
Switching Call to Bluetooth® Phone	31
Making 3 way call	31
Using the Menu Buttons	32
Contacts	32
Updating Mobile Phone Contacts	32
Making a call from contacts	32
Searching for contacts	32
Calling list	33
Viewing Calling lists	33
Favourites	33

Calling Favourites	33
Saving to Favourite	33
Deleting Favourites	34
Changing the Favourites name	34
Bluetooth® settings	34

Android Auto™

About Android Auto™	35
Precautions	35
What you need?	35
Before starting Android Auto™	36
Installing the Android Auto™ Application	36
Setting the system	36
Starting mode	36
Home Screen	37
Talk to Google	38
Return to your car's Media screen	38
Return to the Android Auto Home screen	38

Apple CarPlay

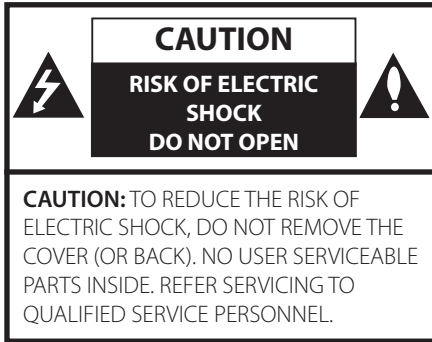
About Apple CarPlay	39
Precautions	39
What you need?	39

Table of Contents

Before starting Apple CarPlay	39	Dimming mode	44
Setting Siri on the iPhone	39	Bluetooth® settings	44
Setting the system	39	Bluetooth® connection	44
Starting mode	40	Ringtone	45
Home Screen	40	Change passkey	45
Speak to Siri	41	Changing device name	45
Open an app	41	Auto Connection Priority	46
Return to the CarPlay Home screen	41	System	46
Return to your car's screen	41	Language	46
View additional apps	41	Clock	46
Return to a phone call or to turn-by-turn		Factory settings	47
directions	41	Connectivity	47
View and control the current audio source	41		
		Specification	
Setup		USB MP3 Specification	48
Starting mode	42	Video and Image Specification	48
Sound	42	TFT-LCD	49
Sound Balance	42	Radio	49
Variable EQ	42	Bluetooth Wireless Technology	49
Volume setting	42	Common	49
Beep	43		
Display	43		
Brightness	43		
		Trouble shooting	
		Trouble shooting	50
		Limited Warranty	
		LIMITED WARRANTY	53

Precautions for safety

Safety notes



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:

- 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 AV 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 lightning 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 AV system, always keep the engine running.
- When the driver wants to operate AV 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.
Miscellaneous	Bluetooth® Wireless Technology Convenient use of Bluetooth® Handsfree by using buttons within the steering wheel remote controller.
	Digital Screen Control Features 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.
	Android Auto™ Android Auto™ brings the most useful apps from your phone to your vehicle's screen, optimized for easy glancing and control while driving.
	Apple CarPlay CarPlay puts key iPhone apps - the ones you want to use while driving - on your car's built-in display. With CarPlay, you can get turn-by-turn directions, make phone calls, exchange text messages, listen to music, and more.

Component Names and Functions

Head Unit



Name	Description
1 RADIO	<ul style="list-style-type: none"> Operates FM/AM mode. Each time the key is pressed, mode is changed in order of FM ► AM ► FM.
2 MEDIA	<ul style="list-style-type: none"> Operates available media (USB, iPod®, Bluetooth® Audio, AUX). If the media is not connected, corresponding modes will be disabled.
3  	<p>When the ,  keys are pressed shortly .</p> <ul style="list-style-type: none"> In FM/AM mode, searches broadcast frequencies. In Media mode, changes the track, file or chapter. <p>When the ,  keys are pressed and held.</p> <ul style="list-style-type: none"> FM/AM mode : automatically searches broadcast frequencies and channels. Once released, searches and begins playing the next broadcast frequency. Media mode: rewinds or fast forwards the track or file(except AUX).
4 Power / Volume Knob	<ul style="list-style-type: none"> Power on When power is off, press to turn power on. Power off When power is on, press and hold to turn power off. Audio off When power is on, press to turn Audio off. Turn left/right to control volume.

Component Names and Functions

Head Unit



Name	Description						
5 Reset	Resets the system.						
6 HOME	Press to move to the home menu screen.						
7 MAP	<table border="1"><thead><tr><th>Support Feature</th><th>Descriptions</th></tr></thead><tbody><tr><td>Apple CarPlay™</td><td>Access the Apple CarPlay screen when Apple iPhone is connected.</td></tr><tr><td>Android Auto™</td><td>Access the Android Auto screen when Android Phone is connected.</td></tr></tbody></table> <ul style="list-style-type: none">• The “Support Feature” can differ depending on a car multimedia system.• Depending on your smartphone model and supported apps of smartphone, this feature might not be supported.	Support Feature	Descriptions	Apple CarPlay™	Access the Apple CarPlay screen when Apple iPhone is connected.	Android Auto™	Access the Android Auto screen when Android Phone is connected.
	Support Feature	Descriptions					
Apple CarPlay™	Access the Apple CarPlay screen when Apple iPhone is connected.						
Android Auto™	Access the Android Auto screen when Android Phone is connected.						
8 DISP	Turns off the screen.						
9 SETUP	Displays the Setup mode.						
10 Tune / ENTER Knob	<ul style="list-style-type: none">• 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 MODE	<ul style="list-style-type: none"> Operates FM ► AM ► Available Media (USB Music/USB Video/iPod®/Bluetooth® Audio/AUX). If the media is not connected, corresponding modes will be disabled. Press and hold the key to turn the Audio system on/off. When power is off, press the key to turn power back on.
2 MUTE	Mutes the sound.

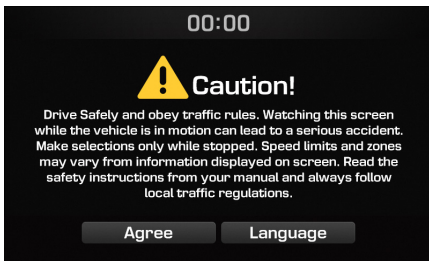
Name	Description
3 + -	Controls the volume.
4	<p>When keys are pressed shortly</p> <ul style="list-style-type: none"> FM/AM mode: plays previous/next preset channel if it is saved. Media mode: changes the track, file or chapter. <p>When keys are pressed and held</p> <ul style="list-style-type: none"> 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.
5	<p>When pressed shortly.</p> <ul style="list-style-type: none"> 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. <p>When pressed and held.</p> <ul style="list-style-type: none"> 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.
6	<ul style="list-style-type: none"> When pressed during a call, ends the phone call. When pressed in the incoming call screen, rejects the call.

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 **SEEK** , **TRACK** key and the TUNE / ENTER knob will be disabled.

Resetting the System

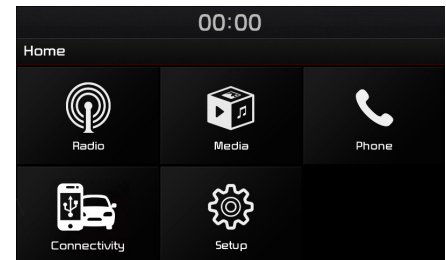
This feature is used to reset the system in the occurrence of an unforeseen error or problem.



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.



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.

Listening to FM/AM radio

Press the **RADIO** key to change the mode in order of FM ► AM ► FM.



Auto tuning

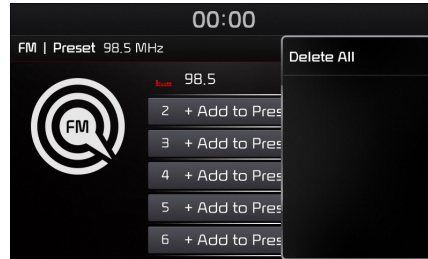
Press the **SEEK** key, **TRACK** key or press the **◀ ▶** button to automatically search for frequencies.

Manual tuning

Turn 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.



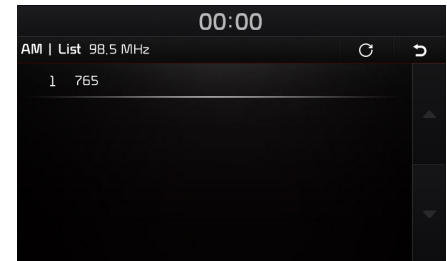
Selecting Lists

Press the **MENU** button ► Press the **List** button.

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

FM lists are automatically updated.

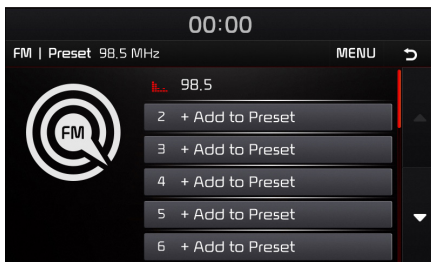
AM lists are manually updated by pressing (**↺ ↻**).



Saving Radio Frequency

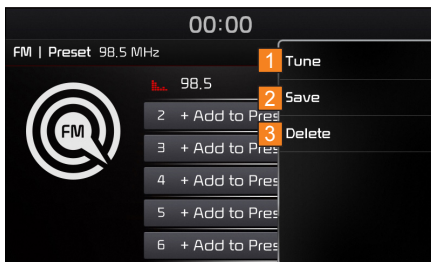
Saving Manually

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

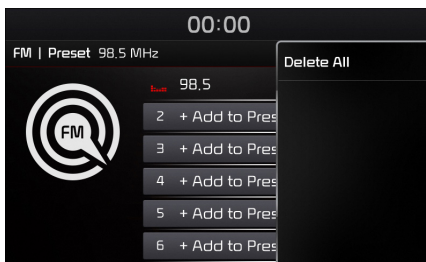


Using Preset Menu

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 **MENU** button ▶ Press the **MENU** button ▶ Press the **Delete all** to delete entire list of presets.

Scan

Scanning Radio Frequency

Press the **MENU** button ▶ Press the **Scan** button..



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** button.

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** button.

For details, refer to the "Sound" on the page 42.

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.

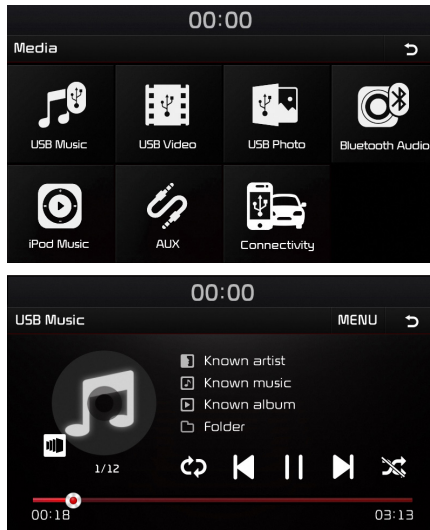
- Files that are not standard format files will not be played.
- For MP3/WMA files, only music files with compression rates between 8 Kbps ~ 320 Kbps can be played.
- Heed caution to static electricity when connecting/disconnecting external USB devices.
- Encoded MP3 Players will not be recognized when connected as an external device.
- When connecting an external USB device, the device may not properly recognize the USB 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 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 **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** key or the **TRACK** key or the **REWIND** / **FAST FORWARD** button to play the previous/next file.

- Pressing and holding the **SEEK** key or the **REWIND** / **FAST FORWARD** button will rewind or fast forward the current file.
- While the **SEEK** key or the **TRACK** key or the **REWIND** / **FAST FORWARD** 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

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

Repeat

Press the **REPEAT** button.

Each time the button is pressed, the option is changed from Repeat Folder (**REPEAT FOLDER**) ▶ Repeat One (**REPEAT ONE**) ▶ Off (Repeat All (**REPEAT ALL**)).

Shuffle

Press the **SHUFFLE** button.

Each time the button is pressed, the option is changed from Shuffle All (**SHUFFLE ALL**) ▶ Shuffle Folder (**SHUFFLE FOLDER**) ▶ Off (**SHUFFLE OFF**).




Scan All

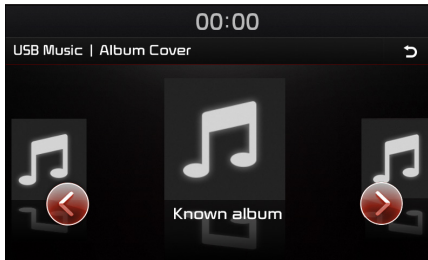
Press the **MENU** button ▶ Press the **Options** button ▶ Press the **Scan All** button to scan files within the USB in random order.

Scan Folder

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

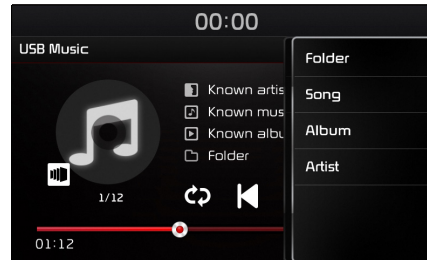
Album Cover view

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** button ► Press the **Sound settings** button.

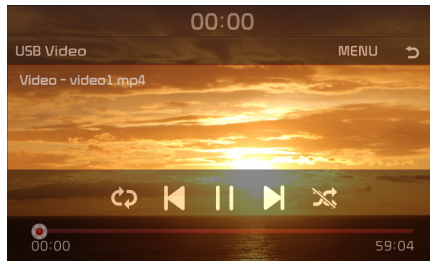
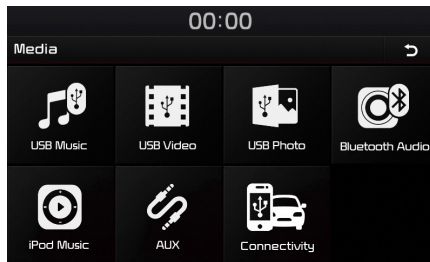
For details, refer to the “Sound” on the page 42.

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** key or **TRACK** key or **◀ ▶** button to play the previous/next file.

- Pressing and holding the **SEEK** key or **TRACK** key or **◀ ▶** button will rewind or fast forward the current file.
- While the **SEEK** key or **TRACK** key or **◀ ▶** 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

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

Repeat

Press the **REPEAT** button.

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

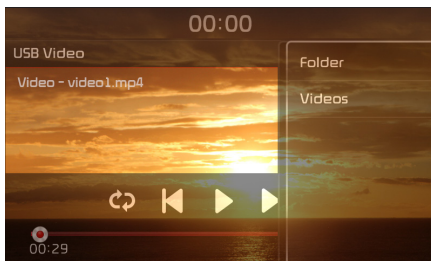
Shuffle

Press the **SHUFFLE** button.

Each time the button is pressed, the option is changed from Shuffle All (**SHUFFLE**) ▶ Shuffle Folder (**SHUFFLE**) ▶ Off (**SHUFFLE**).

List

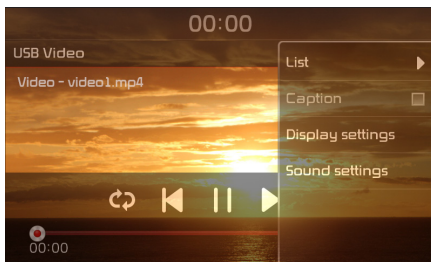
Press the **MENU** button ► Press the **List** button to display USB Video list screen.



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** button.



Press the **Reset** button to initialize the settings.

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

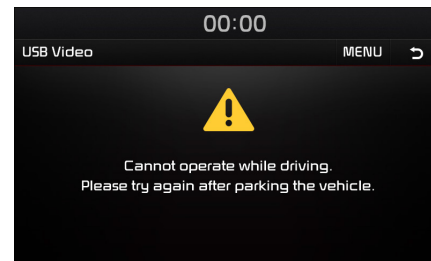
For details, refer to the "Display" on the page 43.

Sound settings

Press the **MENU** button
► Press the **Sound settings** button.
For details, refer to the "Sound" on the page 42.

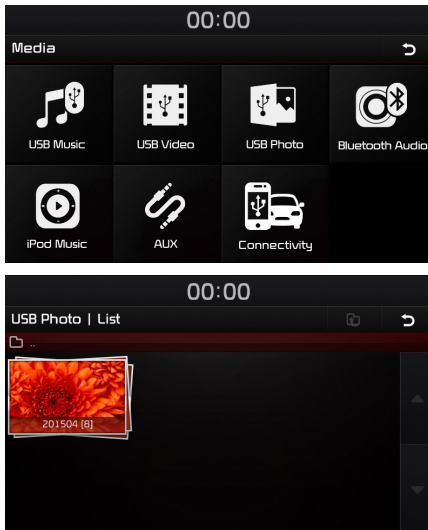
NOTE

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



Viewing USB Photo

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

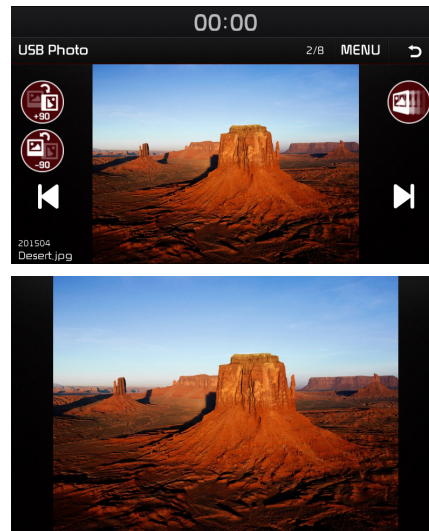


NOTE

- 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

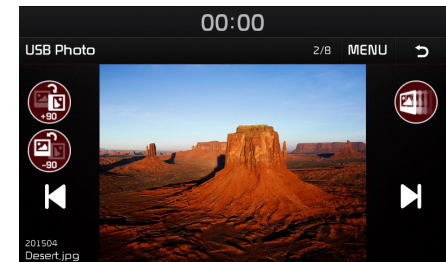
- In full screen, images can be zoomed in/out by up to 300%.
- Press **↩** to move to the List screen.

Searching USB Image Files

Press the **⏪** **⏩** button or turn the TUNE / ENTER knob to view the previous/next image.
Press **↩** 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.

Using the Menu Buttons

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



Slideshow interval

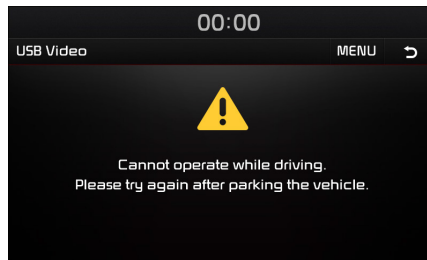
Press the **MENU** button ► Press the **Slide time** button.



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 43.

About iPod®

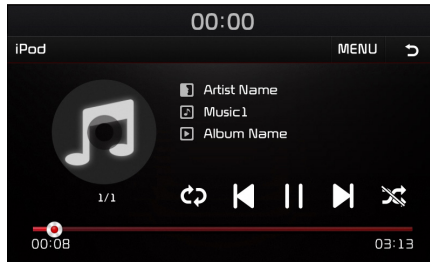
iPod® is a registered trademark of Apple Inc.

- Some iPod®s 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.

Playing iPod® Music

Once an 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 **⏸** button to pause the file.

NOTE

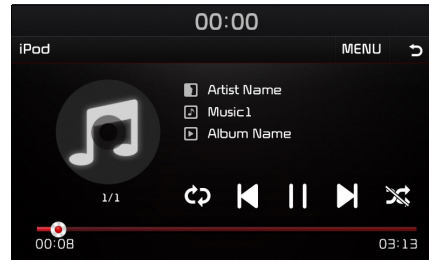
- If the iPod® is not connected, or there is no media file in iPod® then the iPod® Music button will be disabled.

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.



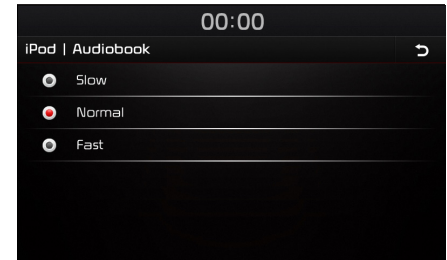
For details, refer to the "List" on the page 18.

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** button ► Press the **Audiobook** button.



Sound settings

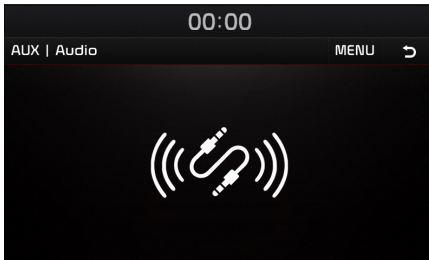
Press the **MENU** button ► Press the **options** button ► Press the **Sound settings** button.

For details, refer to the "Sound" on the page 42.

Playing an AUX source

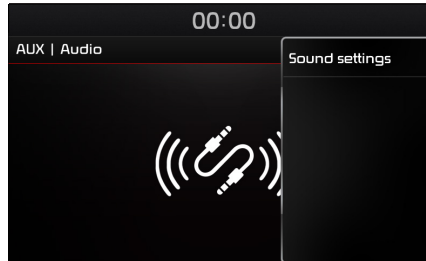
If an external device connector is connected with the AUX terminal, then AUX mode will automatically operate.

Press the **HOME** button ► 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.



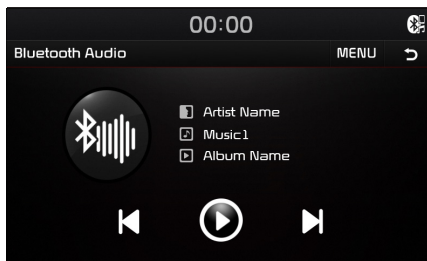
For details, refer to the “Sound” on the page 42.

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 user's manual [Pairing and connecting the unit and a Bluetooth® phone] on the page 28.
- 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 **HOME** key ▶ Press the **Media** button ▶ Press the **Bluetooth Audio** button.



- Press the **▶** button to play files saved within the Bluetooth® phone.
- Press the **⏸** button to pause the file.

Searching Bluetooth® audio Files

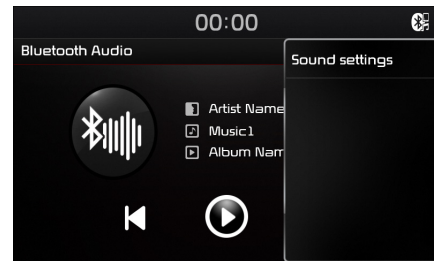
You can play the previous or next file.
For details, refer on the page 17.

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 **MENU** button to set List and Sound settings menus.



For details, refer to the "Sound" on the page 42.

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 user's 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.

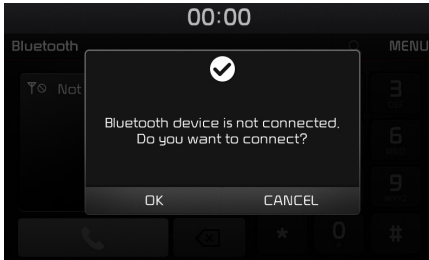
Cautions upon Connecting Bluetooth® Phone

- 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 of 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

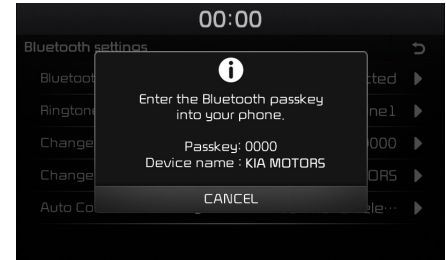
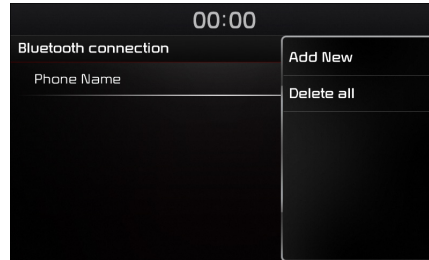
When no Phones Have Been Paired

Press the  key on the steering wheel.



Pairing from the Bluetooth® Device

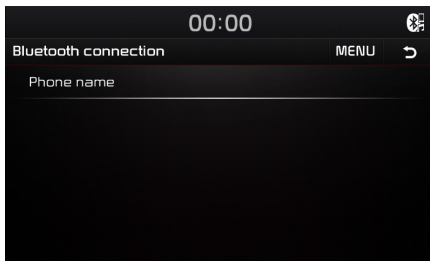
Press the **MENU** button ► Press the **Add New** button.



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.

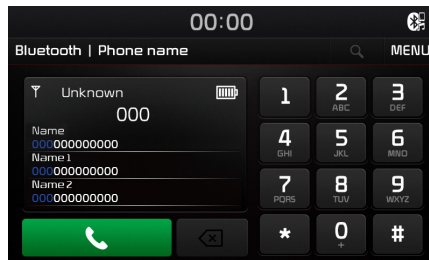


NOTE

- 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.



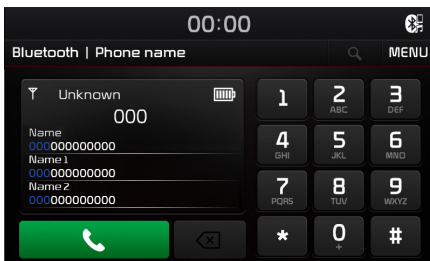
NOTE

- 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.



Making/Answering Calls

Calling by Dialing a Number

Enter number on the Dial Pad ► Press the  button or the key  on the steering wheel.



NOTE

- If you press the wrong number, press  to delete one digit of the entered number. Press and hold the dial pad 0 + to enter a "+".
- Press the  button to search phone numbers. For detail, refer to the "Searching for contacts" on the page 32.

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 or Press the  key on the steering wheel twice.

NOTE



- Redialing is not possible when there is no dialed calls list.

Answering a Call

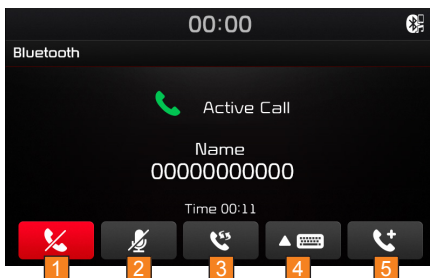
Incoming call notice ► Press the  button or the  key on the steering wheel.








Rejecting a Call



Incoming call notice ► Press the  button or the  key on the steering wheel.

Operating Menus during a Call





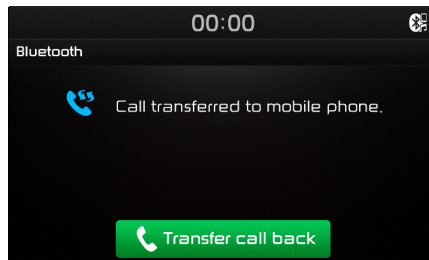
Name	Description
1 	Ends a call.
2 	Turns the Mic On/Off.
3 	Switches a voice call from the car handsfree to the mobile phone.
4 	Display dial pad screen for entering ARS numbers.
5 	3 Way call.



Ending a Call

While on a call ► Press the  button or the  key on the steering wheel.



Switching Call to Bluetooth® Phone

During handsfree call ► Press the  button or press and hold the  key on the steering wheel.



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

Making 3 way call

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

Using the Menu Buttons

In Phone screen ► Press the **MENU** button to use Contacts , Calling list , Favorites , Bluetooth® settings .

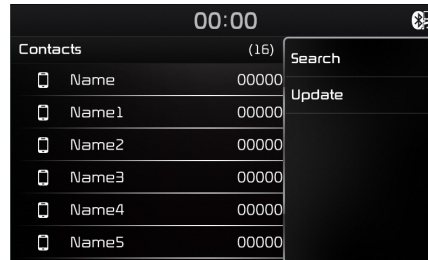


Contacts

Updating Mobile Phone Contacts

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

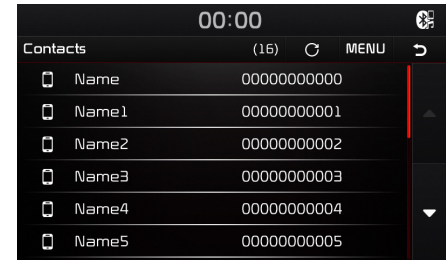
In Contacts screen ► Press the **MENU** button
► Press the **Update** button.



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

Making a call from contacts

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



Searching for contacts

In Contacts screen ► Press the **MENU** button ►
Press the **Search** button ► Enter the name ►
Press the **OK** button ► Press the contact you want to call.



Calling list

Viewing Calling lists

In Phone screen ► Press the **MENU** button ► Press the **Calling lists** button.



Press the **MENU** button on Calling list screen.

Name	Description
1 All	Displays all calling list.
2 Missed	Displays the missed calling list.
3 Received	Displays the incoming calling list.
4 Dialed	Displays the outgoing calling list.

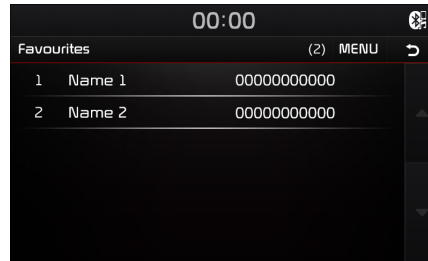
NOTE

- The calling list may not be saved in some mobile phones.

Favourites

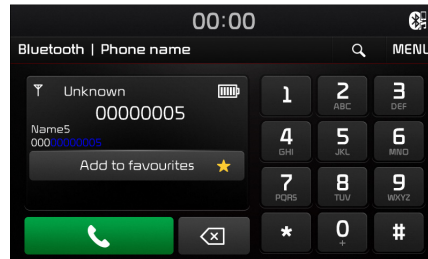
Calling Favourites

In Phone screen ► Press the **MENU** button ► Press the **Favourites** button ► Press the Favourite you want to call.

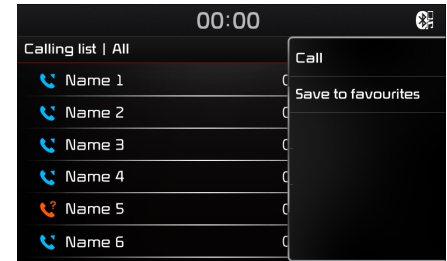
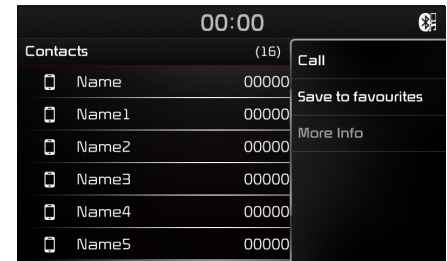


Saving to Favourite

In Phone screen ► Press the **Add to favourites** button.

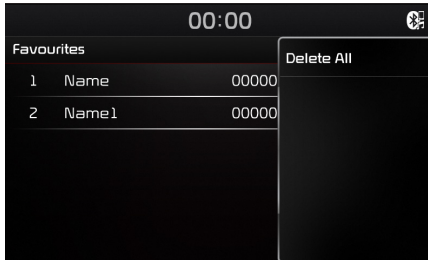


In Contacts screen or Calling list screen ► Press and hold the contact you want to save ► Press the **Save to Favourites** button.

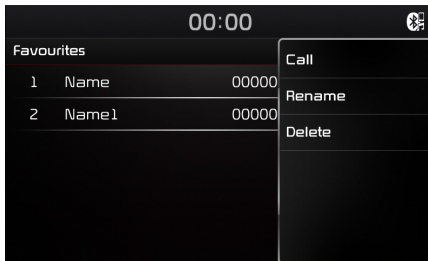


Deleting Favourites

In Favourites screen ▶ Press the **MENU** button
▶ Press the **Delete all** button ▶ Press the **OK** button.

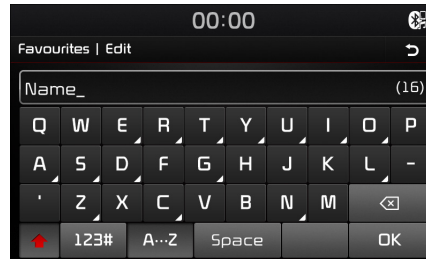


In Favourites screen ▶ Press and hold the favourite you want to delete ▶ Press the **Delete** button ▶ Press the **OK** button.



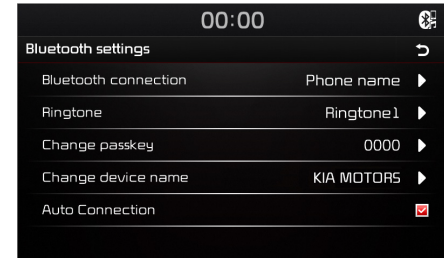
Changing the Favourites name

In Favourites screen ▶ Press and hold the favourite you want to change ▶ Press the **Rename** button
▶ Enter the name ▶ Press the **OK** button.



Bluetooth settings

In Phone screen ▶ Press the **MENU** button ▶ Press the **Bluetooth settings** button.



For details, refer to the "Bluetooth" on the page 44.