

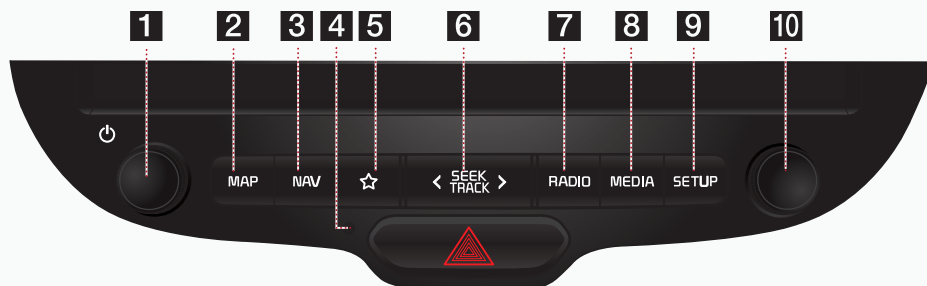
General



Name of each component

Head unit

The image of this product may be different from the actual product.



1 ⏻ (Power) button

- Power on: Press this button in power OFF status.
- Power off: Press and hold this button in power ON status.
- Press this button to turn AV on or off in power ON status.

Volume control knob

Turn left/right to control volume.

2 MAP button

- Press to display the map screen of the current location.
- Press to repeat the voice guidance on the map screen. (Voice guidance for road names and numbers is not supported in some countries.)

3 NAV button

Press to move to the navigation menu screen.

4 Reset hole

Press with a thin object to reset the unit when it does not operate normally.

5 ☆ (Custom button)

Press to move to the [Custom Button] menu. After setting a desired function, press to use the desired function.

6 <SEEK/TRACK> button

When it is pressed for a short time

- AM mode: Plays previous/next available frequency.
- DAB(option)/FM mode: Plays previous/next available station existing within [List] menu. (If there is no or one station in [List] menu, the "Auto tuning" function is

executed.)

- Media mode: Plays previous/next file.

When it is pressed and held

- AM mode: Plays previous/next available frequency.
- DAB(option)/FM mode: Plays previous/next available station existing within [List] menu.
- MEDIA mode (except for Bluetooth and Android Auto): Rewinds or fast forwards the file.

7 RADIO button

Press to move to the last played radio mode (DAB(option)/FM, AM).

8 MEDIA button

If a playable media is connected, press the button to move to the corresponding screen. If you want to select another media connected, press the button on the media screen.

9 SETUP button

Press to go to the settings menu.

10 FILE/TUNE button

- AM mode: Turn left/right to tune manually.
- DAB(option)/FM mode: Turn left/right to search for a desired station and then press.
- MEDIA mode (except for Bluetooth, Apple CarPlay and Android Auto): Turn left/right to search for the desired file and press.
- Navigation mode: Turn left/right to change the map scale on the map screen.

Steering wheel remote control

The image of this product may be different from the actual product.



1 button

- Each time this button is pressed, the Radio or Media mode is changed. You can select the modes to toggle in settings.
- If the media is not connected, it is changed in the order DAB(option)/FM > AM > DAB(option)/FM.
- When it is pressed and held, AV is turned off. (But, the voice guidance works normally in navigation mode.)

2 button

Press to operate Bluetooth hands-free function.

- Press to accept a call.
- Press to make a call from last calls.
- **Press and hold for redialing.**

3 button

When it is pressed for a short time

- Radio (DAB(option)/FM, AM) mode: Plays previous/next favourites.
- MEDIA mode: Plays previous/next file.

When it is pressed and held

- AM mode: Plays previous/next available frequency.
- DAB(option)/FM mode: Plays previous/next stations.
- MEDIA mode (except for Bluetooth and Android Auto): Rewinds or fast forwards the file.

4 +/- button

Increases or decreases the volume level. Press to mute the sound. (It will be paused in some media modes.)

5 button

Press to switch to voice recognition mode when the phone supporting Android Auto/Apple CarPlay function is connected. To cancel it, press the button again.

6 button

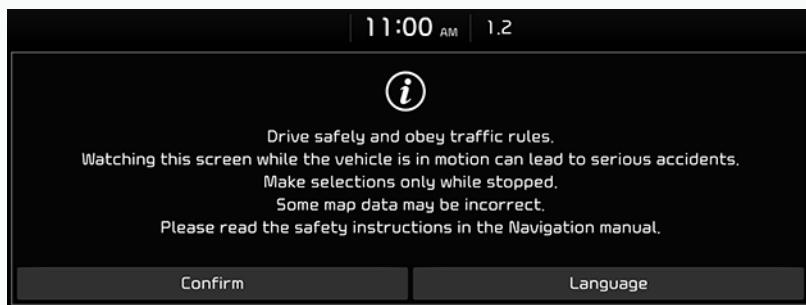
- Press to end the phone call during a call.
- Press to reject the call in the incoming call screen.

Basic operation

System ON/OFF

Starting the system for the first time

1. Press the engine start button or set the ignition key to On or ACC. Once the system is turned on, the booting process will start and the safety warning page is displayed.



2. Press [Confirm]. If you want to change the system language, press [Language].

Note

- You cannot operate the system while it is booting up. It may take some time for all of the features to be ready.
- The safety warning page is displayed every time the ignition is turned on. The displayed warnings are related to safety, please closely read and comply with the safety warnings.
- If there is no operation for 10 seconds in the safety warning screen, the system automatically switches to the last played mode.

Turning the system on

Press  on the head unit in system OFF status.

Note

Pay attention to the volume setting when turning the system on. A sudden output of extreme volume upon turning the system on could lead to hearing impairment. Adjust the volume to a suitable levels before turning off the system or set the startup volume in sound [Settings] menu.

Turning the system off

Press and hold  on the head unit in system ON status.

AV OFF

Press  on the head unit to turn AV off in power ON status.

AV ON

Press  on the head unit to turn AV on in AV OFF status.

Adjusting the volume

Turn the volume control knob (VOL) on the head unit to the left/right.

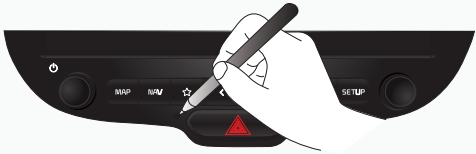
Mode	Description
Radio or media	During the radio or media playback, turn to the left/right.
Bluetooth call	During a Bluetooth call, turn to the left/right.
Bluetooth bell	During an incoming call, turn to the left/right.

Note

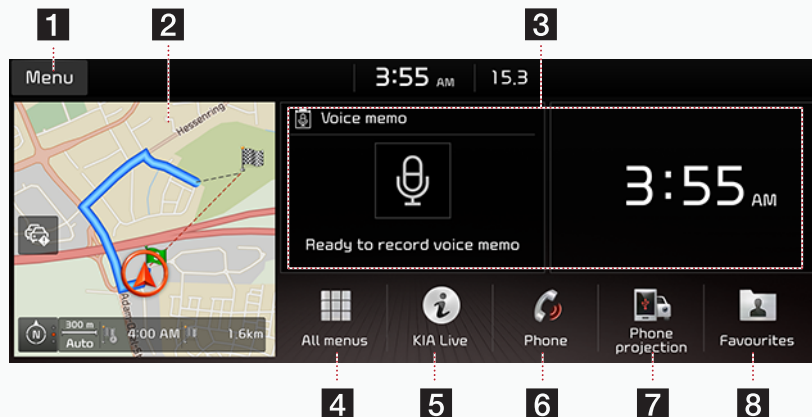
When you turn the system off, the current volume level is automatically memorised. Whenever you turn the system on, it operates at the memorised volume level if you do not set the startup volume in sound [Settings] menu.

Resetting the system

This feature is used to reset the system in the occurrence of an unforeseen error or problem. Press “RESET” button. (The use of a clip or pin is recommended when resetting the system.)



Configuration for [Home] screen



1 Menu

Editing the [Edit Home widgets] or [Edit Home icons].

2 Navigation widget

- Provides a brief view of the navigation map and the route screen.
- Press the area on the widget to move to the navigation screen.

3 Home widgets

- You can edit the desired widget on the widget menu.
- Press the area to move to the mode for what you are listening to.

4 All menus

Press [All menus] to move to all of the items of the system menu.

- [EV]: Moves to the EV (Electric Vehicle) menu.
- [UVO]: Moves to the [UVO] menu.
- [KIA Live]: Moves to the [KIA Live] menu.
- [Apple CarPlay]: Runs [Apple CarPlay] function.
- [Radio]: Converts to the last played radio mode.
- [Sound mood]: Moves to the [Sound mood] menu.
- [USB Video]: Converts to the last played USB video mode.
- [Phone]: Operates Bluetooth hands-free and audio function.
- [Driving info]: Moves to the [Driving info] menu.
- [Android Auto]: Runs [Android Auto] function.
- [Media]: Converts to the last played media mode.
- [Map]: Displays the map screen of the current position.
- [Navigation]: Moves to the [Navigation] menu.

- [Favourites]: Moves to the [Favourites] menu.
- [Settings]: Moves to the [Settings] menu.
- [Voice memo]: Moves to the [Voice memo] menu.

5 KIA Live

Press to check the information about [Traffic], [Live POI], [Weather], [Parking] and [Live charging stations].

6 Phone

Operates Bluetooth hands-free and audio function.

7 Phone projection

Moves to the [Phone projection] menu.

8 Favourites

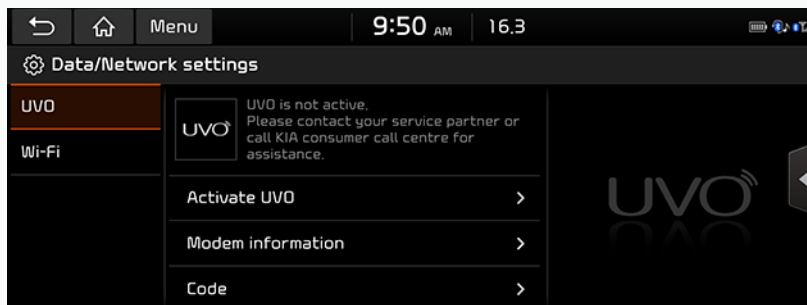
- You can add your favorite menu items to have quick and easy access.
- You can add and save up to 24 menu items.

Data/Network settings

UVO

This menu describes UVO system settings.

1. Press [SETUP] > [Data/Network] > [UVO]



2. Press the desired items.

- [Activate UVO]: It is menu for UVO open after vehicle ship-out. **Opening required time may take about 5 mins max.** of about 5 min. **During the opening, please do not turn off engine and maintain the screen.** When opening fails, please contact your service partner or call KIA call centre for assistance. Other operations are not possible during service opening.
- [Modem information]: You can check USIM/IMEI related information.
 - [USIM]: It displays information of Serial No. of USIM card.
 - [IMEI]: Unique identification No. of mobile phone.
- [Code]: Use this number to add this car to either your MyKia account or the UVO app.

Note

- If opening fails, contact UVO center.
- During service opening, head unit's hard key don't not work.

Reference



Precautions for Safety

Notations used within this User's Manual

	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 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 parking 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.

WARNING:

- Don't use a mobile phone when you are driving. You must stop at a safe place to use a mobile phone.
- The use of the navigation radio **doesn't mean it** relieves the driver of his/her responsibilities. The highway code must always be observed. Always observe the current traffic situation.
- The applicable traffic regulations and the prevailing traffic situation always take precedence over the instructions issued by the navigation system if they contradict one another.
- For traffic safety reasons, use the navigation system menus only before starting a journey or when the vehicle is stationary.
- In certain areas, one-way streets, turn-off and entry prohibitions (e.g. pedestrian zones), the navigation system will give a warning. Pay particular attention to these kind of cases.
- The navigation system does not take the relative safety of the suggested routes into consideration: Road blocks, building sites, height or weight restrictions, traffic or weather conditions or other influences which affect the route safety or travel time are not taken into consideration for the suggested routes. Use your own discretion in order to decide on the suitability of the suggested routes.
- The current legal road traffic speed limit always takes priority over the values saved in the data. It is impossible to provide an assurance that the speed values of the navigation system will always match those of the current traffic regulations in every situation.
- Do not rely exclusively on the navigation system when attempting to locate an emergency service (hospital, fire service etc.). It cannot be guaranteed that all available emergency services in your vicinity are saved in the database. Use your own discretion and abilities to secure help in such situations.

CAUTION:

- Do not keep the navigation system running with the engine stopped. Doing so may discharge the vehicle battery. When you use the navigation system, always keep the engine running.
- 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.

General Information

About USB

- Take precautions regarding static electricity when connecting/disconnecting external USB devices.
- Encoded MP3 Players will not be recognised when connected as an external device.
- When connecting an external USB device, the device may not properly recognise the USB in some states.
- USB devices formatted as FAT16/32, exFAT or NTFS are supported.
- Some USB devices may not be supported due to compatibility issues.
- Avoid contact between the USB connector and bodily parts/foreign objects.
- Repeated connecting/disconnecting of USB devices within short periods of time may result in product malfunction.
- The amount of time required to recognise 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 recognise 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 programmes are installed to specific USB, files may not properly play.
- The device may not operate normally if MP3 Players, mobile phones, digital cameras or other electronic devices (USB devices not recognised 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 other than 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 recognised.

Music file Information

- Sampling frequency: 32, 44.1, 48 kHz (MP3, WMA, OGG, WAV), 1 Hz - 48 kHz (FLAC)
- Bit rate: 32 ~ 320 kbps (MP3, WMA, OGG), 8 bit/16 bit (WAV), 4Mbps (FLAC)
- Version: Any version
- Playable file format: ".mp4a"/ ".mka"

Supported iPhone devices

- iPhoneX
- iPhone8, iPhone8 Plus
- iPhone7, iPhone7 Plus
- iPhoneSE
- iPhone6, iPhone6 Plus, iPhone6s, iPhone6s Plus
- iPhone5C, iPhone5S, iPhone5
- iPhone4S, iPhone4
- iPhone3GS, iPhone3G, iPhone

Cautions upon using SD cards

Ejecting and Inserting SD cards

- Ejecting and inserting SD cards while the system is operating may result in SD card or System errors. To eject or insert the SD card, first turn off the system and the vehicle should be off status.
- Eject/insert SD cards only to update the map with a new version.
- When a SD card with the new version is installed, then the system will reboot automatically.

Usage of SD cards

- The SD card is formatted to include only Map and new Navi S/W.
- The SD card cannot be used to save and play Music.
- Do not add, delete or format files within the SD card.

Trademarks and Licenses



Declaration of Conformity

Hereby, Kia Motors declares that the radio equipment type AVN is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: <http://www.kia.com/eu>

For consideration of the user, this device should be installed and operated with a minimum distance of 20 cm between the device and the body.

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Navigation

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Specification

AV/Navigation product specification

Common	Power Supply	DC 14.4 V
	Operating Power	DC 9 V ~ DC 16 V
	Current Consumption	Maximum 14 A (Internal amplifier), Maximum 5 A (External amplifier)
	Dark Current	Maximum 1 mA
	Operating Temperature	-20 °C ~ +70 °C
	Storage Temperature	-40 °C ~ +85 °C
	Dimensions (Head unit)	317.4 mm(W) x 168.9 mm(H) x 196 mm(D)
	Weight (Head unit)	2.65 kg
Bluetooth	Supported Profile	HFP 1.6, A2DP 1.2, AVRCP 1.5, PBAP 1.1
	Supported Bluetooth Specification	3.0
	Frequency Range	2402 MHz ~ 2480 MHz
	Output (Class2)	Maximum 4.0 dBm
	Number of Channels	79
Radio	AM	
	Tuning Range	522 kHz ~ 1620 kHz
	Sensitivity	35 dBuV
	Signal-to-noise ratio	Minimum 45 dB
	FM	
	Tuning Range	87.5 MHz ~ 108.0 MHz
	Sensitivity	12 dBuV
	Frequency response	30 Hz ~ 10000 Hz
DAB (option)	Signal-to-noise ratio	Minimum 45 dB
	Tuning Range	5 A (174.928 MHz) ~ 13F (239.200 MHz)
	Sensitivity Range	-95 dBm ~ 3 dBm
	Adjacent Channel Selectivity	35 dB
	Far Off Selectivity	45 dB
	Screen Size	233.95 mm (9.2 inches) 204 (W) x 114.72 (H) mm (Active area)
	Resolution	384,000 pixels
	Operating Method	TFT (Thin Film Transistor)
	Viewing Angle	R/L/U/D 89 (Typ)
	Internal Lighting	LED

Wi-Fi	Standard	IEEE 802.11 a/b/g/n/ac
	Frequency Range / Output Power	2402 to 2480 MHz / Maximum 20 dBm
		5725 to 5850 MHz / Maximum 14 dBm

- Designs and specifications are subject to change without prior notice.

Imprint:

The navigation system is provided by
 KIA MOTORS Europe GmbH
 Theodor-Heuss-Allee 11
 D-60486 Frankfurt am Main
 Tel.: +49 (0) 69 8509280
 Fax: +49 (0) 69850928499
 E-Mail: info@kia-europe.com
 Register Court: Frankfurt am Main
 Register number: HRB 53714
 Represented by: Ho-Sung Song (CEO), Michael Cole (COO), Seung Jong Hong (CFO)
 VAT ID: DE 222 535 439.

Declaration of Conformity

Hereby, Kia Motors declares that the radio equipment type AVN is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: <http://www.kia.com/eu>
 For consideration of the user, this device should be installed and operated with a minimum distance of 20 cm between the device and the body.

The navigation system allows you to receive additional information on traffic situation, speed cameras, points of interest (POI) and the weather via online navigation services of provided by

TomTom International B.V.

De Ruijterkade 154

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Tel.: +31 (0) 207575000

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E-Mail: tomtom.pr@tomtom.com

Chamber of Commerce of the Netherlands: No. 34076599

Represented by: TomTom N.V. (Director), NL-1011 AC Amsterdam, the latter represented by Harold Goddijn (CEO)

VAT ID: NL 800765679B01

(hereinafter: TomTom LIVE Services) when you connect the navigation system with the internet via a web-enabled mobile device (e.g. smartphone or tablet). TomTom International B.V. is responsible for the data processing within the scope of the TomTom LIVE Services subject to the relevant terms and conditions of TomTom. You can find further details under https://www.tomtom.com/en_gb/privacy/.