User Manual

Connectivity Display Audio

with Navigation System
Grand i10

MAP

RADIO

MEDIA

HOME

SETUP

DISP

SEEK

TRACK

HYUNDAI

HYUNDAI

Component names and functions

❶ MAP button
- Each time it is pressed, it will move to MAP.

❷ RADIO button
- Use when listening to the radio.

❸ MEDIA button
- Use to play and watch media. (USB/Bluetooth audio.)

❹ HOME button
- Each Time it is pressed softly, to switch to the home screen.

❺ SETUP button
- Each time it is pressed shortly, it will move to Setup screen.
- When this is pressed and held, it will move to the System-info screen.

❻ DISP button
- Each time this is pressed, in the active mode, only the 'DISPLAY' screen will turn off and on.

❼ < SEEK button
- Each time this is pressed shortly while listening to the radio, it will switch to a broadcasting channel with low frequency.
- When this is pressed and held while listening to the radio, broadcasting channels with low frequency will be searched sequentially.
- Each time this is pressed shortly during media playback, it will switch to the previous song/file.
- When this is pressed and held during media playback, it will quickly move (rewind) to the previous song/file. (except for the Bluetooth audio mode)

❽ TRACK > button
- Each time this is pressed shortly while listening to the radio, it will switch to a broadcasting channel with high frequency.
- When this is pressed and held while listening to the radio, broadcasting channels with high frequency will be searched sequentially.
- Each time this is pressed shortly during media playback, it will switch to the next song/file.
- When this is pressed and held during media playback, it will quickly move (fast forward) to the next song/file. (except for the Bluetooth audio mode)

❾ Power button
- Each time it is pressed shortly, to turn on/off the media.
- When this is pressed and held, 'Screen Saver' will turn on.
- Turning the Power button to the right increases the volume, and turning it to the left decreases the volume.

❿ TUNE button
- Change list in Media Mode.
- In Radio, change the frequency.
- In Map screen, zoom in/out map view.

Note:
The shape and arrangement may vary depending on vehicle type and specifications.

Component names and functions

❶ PTT button ( )

- **Each time this key is pressed**
  (under 0.8 seconds),
  - **Not in Voice Recognition mode:**
    Activates voice recognition.
  - **System is saying in Voice Recognition mode:**
    Skip system saying and waiting user voice.
  - **Waiting user voice:**
    Reset waiting time and wait user voice.
- **This key is pressed**(over 0.8 seconds),
  - **Now on Voice Recognition mode:**
    Ends voice recognition.
  - **Not in Voice Recognition mode:**
    Activates Siri Eyes Free.

❷ MODE button ( )

- **Each time this key is pressed**(under 0.8 seconds), mode is changed in order of Bluetooth
  Audio ➡ AA/CP ➡ USB Music ➡ USB Video ➡ FM ➡ AM ➡ Bluetooth Audio ···.
  - If the media is not connected, corresponding modes will be skipped.
  - Changing mode is not available while the system is booting.
  - If the current screen is AV mode screen, the changed AV mode screen is displayed on the main area
    when the [**MODE**] key is pressed.
  - If the current screen is not AV mode screen, the changed AV mode OSD is displayed on the top area
    when the [**MODE**] key is pressed. But, if there are no changes on AV mode, the OSD is not displayed
    (**Example:** If only one AV mode is available according to the Steering Wheel Mode Button settings).
  - If any mode is not set in 'Steering Wheel Mode Button' settings , goes to the 'Steering Wheel Mode Button'
    settings screen.
  - In the rear view screen, any OSD is not displayed.

> **Note:**
> • When AV is off, turns Radio/Media On.
> • When power is off, turns power on.
> • When display is off, changes the mode from the OSD and keeps the display off.

- **This key is pressed**(over 0.8 seconds), Goes to the 'Steering Wheel Mode Button' settings screen.

❸ Volume lever (VOL +/VOL ▬)

- Controls the volume.
- **Press & Hold the [VOL-]:** Same function as the [**MUTE**] key.
  (If MUTE key is not supported.)

❹ SEEK UP/DN button (∧/∨)

- **Each time this key is pressed**(under 0.8 seconds),
  - **FM/AM mode:** Searches broadcast frequencies saved to Presets.
  - **MEDIA mode(USB/etc):** Changes the track/file or chapter (except AUX).
- **This key is pressed**(over 0.8 seconds),
  - **FM/AM mode:** Continuously changes the frequency until the key is released and
    plays the current frequency.
  - **MEDIA mode(USB/etc):** Rewinds or fast forwards the track or file (except AUX).

❺ Call button ( )

- **Each time this key is pressed**(under 0.8 seconds),
  - When pressed in the incoming call screen, answers the call.
  - When pressed in the dial screen, makes a call.
- **This key is pressed**(over 0.8 seconds),
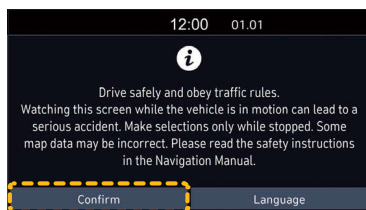 - When pressed in the Bluetooth® Handsfree wait mode, redials the last call.

> **Note:**
> • Operates only when Bluetooth® Handsfree is connected.
> • Please refer to Bluetooth Phone HMI specification for more information.

❻ Call End button ( )

- **This key is pressed,**
  - When pressed during a call, ends the phone call.
  - When pressed in the incoming call screen, rejects the call.

Turning the system on or off

1 Start the engine to turn on the system.

2 When a safety warning appears, read it and tap "**Confirm**".

- Tap the Language to change your language.

The system will turn off automatically when the engine is stopped and a certain period of time passes.
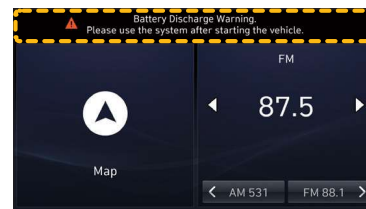
- When the engine is stopped, the system may turn off immediately depending on the vehicle model or specifications.
- When the engine is started and stopped again, the system will turn on by the mode and settings used when the engine has started.

⚠ *Warning*

- For safety reasons, the video screen is not visible while driving. Watch the video after the vehicle stops. And for a self-shifter, after shifting the vehicle to P (parking) or applying the parking brake.
- In addition to watching videos, there are functions that are not performed while driving for safety reasons. These functions work normally only when the vehicle is stopped. Use the functions after the vehicle stops.
- If the system malfunctions, such as no screen or no sound, stop using it.
  Continued use in malfunctioning states can cause fire, electric shock, or fatal failure.

⚠ *Caution*

- Even when the ignition switch is in the "ACC" or "ON" position, the system can be powered on, but the battery may be discharged if the system is used for a long time without starting the engine. To use the system for a long time, start the engine.
- If the engine is stopped and the system is used, a battery warning message will appear. When starting the engine, the battery warning message will disappear.

Operating the touch screen

This system is equipped with a touch screen. Use various functions via touch screen input.

⚠️ *Caution*

▪ Do not apply excessive pressure on the touch screen or press it with a pointed object. Doing so may damage or destroy the touch screen.

▪ Be careful not to let the electrified substance contact with the touch screen.
The system may not work correctly or the touch screen may malfunction due to electrical stimulation such as static electricity.

Note:

You can't manipulate the touch screen while wearing gloves. Remove gloves or wear gloves specially designed for use with electronic touch screens, to manipulate the screen.
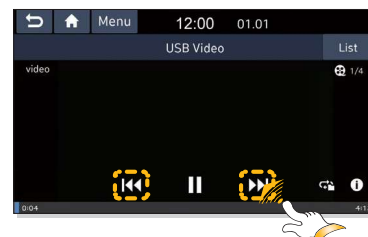
Tap

Touch the desired item lightly on the screen, then lift your finger. The function will be performed or the menu will be selected.
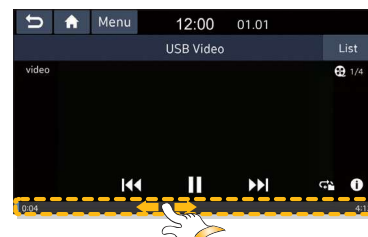
Touch and hold

Touch and hold the desired item. It allows you to fast forward or rewind during media playback.
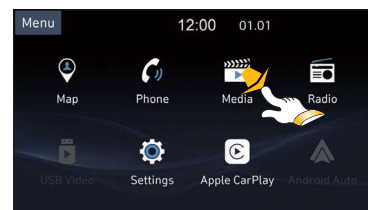
Drag (drag and drop)

Touch and hold the desired item and drag it to the desired location without lifting your finger. You can then move the selected item or move the playback position during media playback.

Slide (swipe)

Swipe the screen lightly in the desired direction. Then, you can quickly move up and down or left and right on the menu screen or the option list.
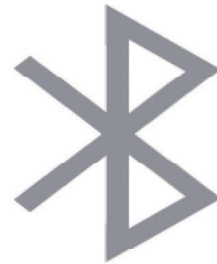
5 *Bluetooth*

Connecting a Bluetooth device
- Registering a device
- Connecting a registered device
- Disconnecting a connected device
- Deleting a registered device

Using Bluetooth audio

Using a Bluetooth phone
- Making a call
  [Using the recent calls list]
  [Using a contact list]
  [Using the keypad]
- Answering a call
- Using the functions during a call
  [Transferring a call]
- Setting favourites

Connecting a Bluetooth device

Bluetooth is a short-range wireless networking technology. If you use the Bluetooth communication function, you can exchange data by connecting Bluetooth devices that are close to each other without a cable connection, so you can use various devices more efficiently.

To use the Bluetooth function, another device, such as a mobile phone or MP3 player that supports the Bluetooth function, must be connected to the system. Check if the device to be connected supports Bluetooth.

⚠️ *Caution*

- Connect the Bluetooth device after stopping the vehicle in a safe place. If an accident occurs due to not looking ahead or carelessness, the driver or passenger may be killed or injured.

Note:
- The Bluetooth connection function only supports hands-free and audio-related functions. Connect and use a device that supports Bluetooth hands-free or audio function, such as a mobile phone or MP3 player.
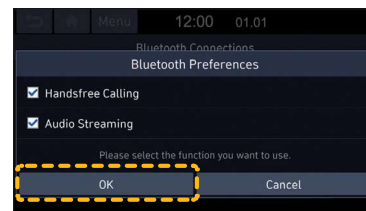
▪ **Registering a device**

In order to connect a Bluetooth device to the system, the device must first be registered in the system's Bluetooth device list. Up to 5 devices can be registered.

1 Tap **All menus ▶ Settings ▶ Device connections ▶ Bluetooth ▶ Bluetooth connections ▶ Add new** on the home screen.
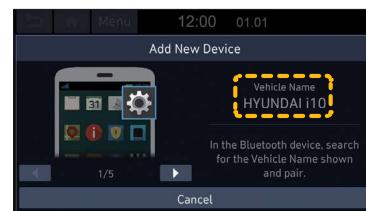- When registering a Bluetooth device for the first time, press the (📞) button on the steering wheel, or tap **All menus ▶ Phone** on the home screen.

2 Select a function you want to use and press OK.

3 On the Bluetooth device you want to connect to, run Bluetooth, and then in the searched device list, find and select the vehicle's system.
- Check the Bluetooth name of the system in the Add new notification window.

Connecting a Bluetooth device

▪ **Registering a device**

4 Check that the authentication number is the same on the Bluetooth device screen and the system screen, and then on the device, approve the connection.

5 Select whether to set the Bluetooth device to be connected with priority automatically.
- ▪ If automatic priority connection is allowed, the device is automatically connected when the system is turned on.

6 If the Bluetooth device is a mobile phone, to download contacts from your mobile phone to the system, allow access requests on the mobile phone.
- ▪ The access authority is only required when using the Bluetooth phone function, so it is not necessary to allow it when connecting an audio device.
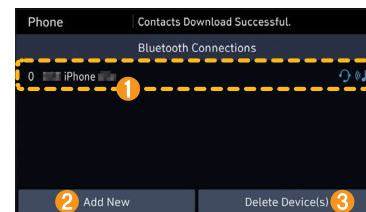
Note:
- ▪ After allowing access from the mobile phone, it may take some time for the Bluetooth connection to complete. When the Bluetooth connection is complete, the Bluetooth connection status indicator icon is displayed at the top of the screen.
- ▪ The settings for allowing access to data can be changed using the Bluetooth setting menu of the mobile phone. For more information, refer to the user manual of the mobile phone.
- ▪ Repeat steps 1-5, to register additional new devices.
- ▪ While connecting and using a Bluetooth device, other devices cannot be registered.
- ▪ To disable the Bluetooth auto-connect function, deactivate the device's Bluetooth function.

▪ **Connecting a registered device**

To use a Bluetooth device, a registered devicemust be connected to the system. You can connect your system with one device for Bluetooth Handsfree or one device for Bluetooth Audio and Handsfree.

1 Tap **All menus ▶ Settings ▶ Device connections ▶ Bluetooth ▶ Bluetooth connections** on the home screen.

2 Tap the connection, to the name of the device to be connected.

❶ Connect/disconnect device list.
- ▪ Tap the device name to be connected / disconnected.

❷ Registers a new device.

❸ Deletes the registered device.
- ▪ All contacts and call lists downloaded to the system are deleted.

Note:
- ▪ If you cannot connect a Bluetooth device, check if Bluetooth is activated on the device.
- ▪ If the connected device is out of range or the connection is abnormally ended due to a device error, the connec-tion is automatically restored when the device comes back into range or becomes normal.

Connecting a Bluetooth device

▪ **Disconnecting a connected device**

If you do not want to use the Bluetooth function, disconnect the current Bluetooth connection.

1 Tap **All menus ▶ Settings ▶ Device connections ▶ Bluetooth ▶ Bluetooth connections** on the home screen.

2 Touch the connected device name.

3 Touch "**Disconnect**".

▪ **Deleting a registered device**

If you are no longer using a Bluetooth device or want to connect a new device when 5 devices are already registered, delete the registered devices.
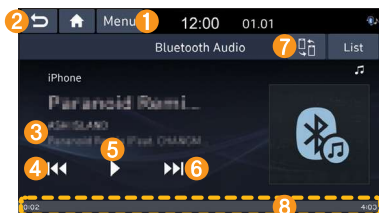
1 Tap **All menus ▶ Settings ▶ Device connections ▶ Bluetooth ▶ Bluetooth connections ▶ Delete device(s)** on the home screen.

2 Select the device you want to delete, then tap the Delete.

▪ To delete all registered devices, tap **Mark all ▶ Delete**.

3 Tap "**Yes**".

Using Bluetooth audio

You can enjoy music played on the connected Bluetooth audio device through the vehicle's speaker.

Press the [**MEDIA**] button on the control panel.

▪ If multiple media are connected, press the [**MEDIA**] button once more, and then select the Bluetooth audio in the media selection window.

❶ **Displays the option list.**
  ▪ **Display Off:** Turn off the "Display" screen.
  ▪ **Media Sources:** Move to the media selection window.
  ▪ **Change Device:** Finds and connects other Bluetooth devices.
  ▪ **Sound settings:** Sets the system sound.
  ▪ **Split Screen:** Turn On/Off the split sceen.

❷ **Moves to the previous step screen.**

❸ **Song information being played.**

❹ **Starts over the current song, from the beginning.**
  ▪ Plays the previous file when tapped twice in succession. You can also press the [**< SEEK**] button on the control panel or use the [∧ / ∨] lever on the steering wheel.

❺ **Pauses or resumes playback.**

❻ **Plays the next file.**
  ▪ You can also press the [**TRACK >**] button on the control panel or use the [∧ / ∨] lever on the steering wheel.

❼ **Finds and connects other Bluetooth devices.**

❽ **Played time and current playing position.**

⚠ *Warning*

▪ The operation method may differ depending on the connected Bluetooth device or mobile phone, or the music player application you are using.

▪ Streaming function may not be supported depending on the music player application you use.

▪ Some functions may not be supported depending on the connected Bluetooth device or mobile phone.

▪ When a media device or mobile phone is connected via Bluetooth and USB cables at the same time, the device or system may not function properly.
  To use a Bluetooth connection, disconnect all cables connected to the device.

Using a Bluetooth phone

You can use the phone function without operating the mobile phone directly, via Bluetooth connection. Check the call information on the system screen, and use the phone function safely and conveniently by using the microphone and speaker built into the system.

⚠️ *Warning*

- Connect the mobile phone after stopping the vehicle in a safe place. If an accident occurs due to not looking ahead or carelessness, the driver or passenger may be killed or injured.
- Do not dial a phone number, or pick up a mobile phone and talk while driving. Distracted attention due to the use of a mobile phone makes it difficult to recognize the flow of nearby vehicles, and the ability to cope with unexpected situations significantly decreases, causing an accident.
  So, if necessary, use the Bluetooth hands-free function to make calls, and minimize the call time.
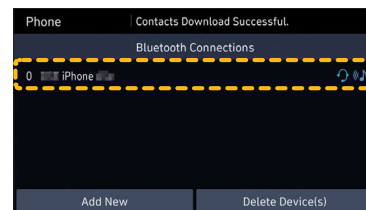
▪ **Making a call**

You can make a call from the connected mobile phone's recent call list or contact list. You can also make a call by entering the phone number directly on the keypad.

1 Tap **All menus ▸ Phone** on the home screen.
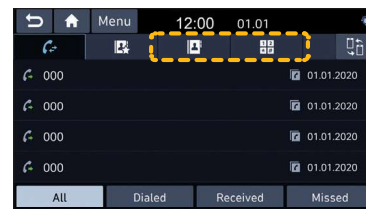- Or press the (📞) button on the steering wheel.

2 If multiple mobile phones are registered, select a mobile phone to connect to when the device selection window appears.

3 Select a phone number from the recent calls list.
- You can also move to the desired number by pushing the [∧ / ∨] lever on the steering wheel without tapping the screen.
- To make a call by selecting a phone number from the contact list downloaded from a connected mobile phone, tap (🖼️).
- To make a call by manually entering a phone number, tap (🔢).

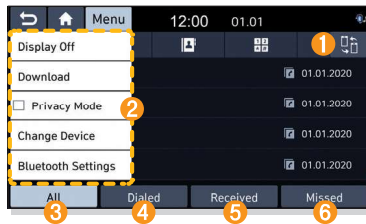**4** To end the call, press the (📞) button on the steering wheel during a call or tap the end on the call screen.

Using a Bluetooth phone

▪ **Making a call**

  [Using the recent calls list]

  1 Tap (![icon]) on the Bluetooth phone screen.

  2 Select a call log to make a call from the list.

❶ **Finds and connects other Bluetooth devices.**

❷ **Displays the option list.**
   - ▪ **Display Off:** Turn off the "Display" screen.
   - ▪ **Download:** Downloads a recent call list from the connected phone.
   - ▪ **Privacy Mode:** Activate the privacy lock mode to protect the personal information.
        When this mode is activated, data downloaded from the phone is not displayed.
   - ▪ **Change Device:** Finds and connects other Bluetooth devices.
   - ▪ **Bluetooth Settings:** Move to the bluetooth Setting sceen.

❸ **Displays all call logs.**

❹ **Displays only outgoing calls.**

❺ **Displays only incoming calls.**
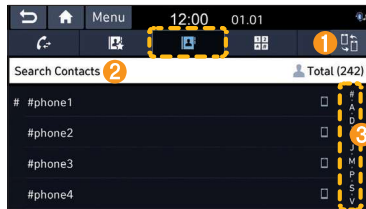
❻ **Displays only missed calls.**

Note:
- ▪ The call time information is not displayed on the system screen.
- ▪ If the download is not allowed on the mobile phone, the call list cannot be downloaded; depending on the mobile phone model, the download may require approval from the mobile phone when downloading. If the download does not proceed normally, check the screen status or settings of the mobile phone.
- ▪ When the call list is newly downloaded, the existing data is deleted.

Using a Bluetooth phone

▪ **Making a call**

[Using a contact list]

1 Tap ( ) on the Bluetooth phone screen.

2 Select a contact to make a call from the list.

❶ **Finds and connects other Bluetooth devices.**

❷ **Searches for a contact by entering a name or phone number.**

❸ **Quickly finds a contact by selecting the index.**

Note:
- Only the contacts that can be displayed are downloaded from the connected Bluetooth device. Contacts saved in some applications may not be displayed.
- Contacts are downloaded up to 2,000 per device.
- If the download is not allowed on the mobile phone, the contact list cannot be downloaded; depending on the mobile phone, the download may require approval from the mobile phone when downloading. If the download does not proceed normally, check the screen status or settings of the mobile phone.
- Depending on the mobile phone model or operating status, it may take a long time to download contacts.
- When the contact is newly downloaded, the existing data is deleted.
- Downloaded contacts cannot be edited or deleted from the system.
- If another mobile phone is newly connected, contacts downloaded from the old phone are not displayed on the screen, but are kept in the system until the registered device is deleted.

[Using the keypad]

1 Tap ( ) on the Bluetooth phone screen.

2 After entering the phone number on the keypad, tap ( ) to make a call.
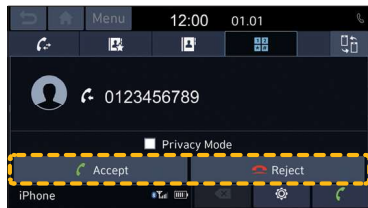

❶ **Finds and connects other Bluetooth devices.**

❷ **Displays the option list.**
  - ▪ **Privacy Mode:** Activate the privacy lock mode to protect the personal information. When this mode is activated, data downloaded from the phone is not displayed.
  - ▪ **Change Device :** Finds and connects other Bluetooth devices.

❸ **Enter a phone number by using the keypad.**

❹ **Delete the phone number you entered.**

❺ **Changes the Bluetooth connection settings.**

❻ **Dial the phone number you entered.**

Using a Bluetooth phone

▪ **Answering a call**

When a call is received, an incoming call notification window will appear on the system screen.

1 To answer the call, tap the accept.
- ▪ Or press the (   ) button on the steering wheel.

2 To reject the call, tap the reject.
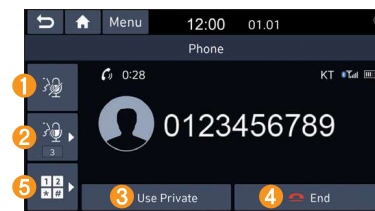- ▪ Or press the (   ) button on the steering wheel during a call.

Note:
- ▪ When a mobile phone is connected to the system, a dialing tone may be output through the speaker. To end the connection, disconnect the Bluetooth connection from the system or disable the Bluetooth function of the mobile phone.
- ▪ The privacy lock mode is activated by tapping the privacy mode in the incoming call notification window. When this mode is activated, contact infor-mation is not displayed on the screen. To cancel the privacy lock mode, tap **Menu ▶ Privacy mode** on the Bluetooth phone screen to cancel the selection.

▪ **Using the functions during a call**

During a call, the following screen appears.

1 Tap the desired button to perform the function.

- ❶ **Turns off the microphone so that the other party cannot hear you.**
- ❷ **Adjusts the microphone volume.**
- ❸ **Transfers calls to a mobile phone.**
  - ▪ This may not be supported depending on the connected mobile phone model.
- ❹ **Ends the call.**
- ❺ **Displays the keypad screen.**

Note:
- ▪ If the caller's information is saved in the contact, the caller's name and phone number are displayed. If the caller's information is not saved in the contact, only the phone number is displayed.
- ▪ During a call with a Bluetooth phone, you cannot move to other screens such as broadcast/media mode screen.
- ▪ Depending on the mobile phone model, the volume of the call heard by the other party may vary.
- ▪ Depending on the mobile phone model, the phone number may not be displayed.
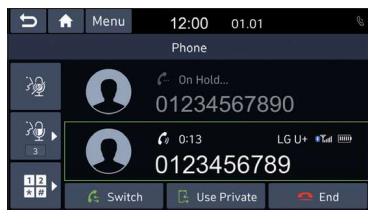
Using a Bluetooth phone

▪ **Using the functions during a call**

[Transferring a call]

When using a mobile phone that supports call waiting, you can answer new calls while on a call.

The existing call will then be transferred to the hold state.

1 To switch between an active call and a waiting call, tap the switch on hold or tap the phone number displayed on the screen.
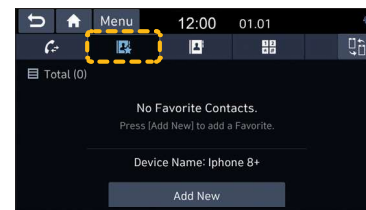

Note:

▪ The function may not be supported depending on the mobile phone model.

▪ **Setting favourites**

If frequently used phone numbers are registered in the favourites, you can easily use the phone function.

1 Tap **All menus ▶ Phone** on the home screen.
  ▪ Or press the ([phone icon]) button on the steering wheel.

2 Tap ([icon]) on the Bluetooth phone screen.

3 On the favourites screen, tap the add new, then select a name from the contact list.
  ▪ If you have a contact you have already added, tap **Menu ▶ Edit** on the favourites screen.

4 Tap the grey star button ([icon]) to the right of the phone number to be registered in the favourites.
  ▪ Then, the star on the button will change to orange, and the phone number will be added to the favourites list.

Note:

▪ In the favourites, up to 10 per device can be registered.
▪ In the favourites list, representative emergency phone numbers are saved so that they can be used immediately in case of an emergency.
▪ To delete phone numbers registered in favourites, tap **Menu ▶ Delete** from the favourites list.
▪ If another mobile phone is newly connected, contacts saved as favourites from the old phone are not displayed on the screen, but are kept in the system until the registered device is deleted.

Product specifications

▪ **Common**

Item	Specifications
Power supply	DC 14.4 V
Operating voltage	DC 9 ~ 16 V
Dark current	Average current before 96 hours after ACC OFF: 10 mA or less After 96 hours after ACC OFF: 3 mA or less
Operating temperature range	- 20º to + 70º C
Storage temperature range	- 30º to + 85º C
Externals (W x H x L)	260.6 x 126.7 x 182.7 mm
Current consumption	10A (Volume Max)
Weight	1.75kg

▪ **Display**

Item	Specifications
Screen size (W x H x L)	**AV body -** 8 inches (177.02 x 99.58 mm)
Number of pixels	**AV body -** 921,600 pixels (resolution: 1280 x 720)
Operating method	**TFT**(Thin-film transistor) active matrix method
Viewing angle	**AV body -** Left/Right, Up/Down: 85º
Internal lighting	**LED**

Product specifications

▪ Radio

Item	Specifications
Available channels	● **FM:** 87.50 ~ 108.00 MHz (step: 100 kHz) ● **AM:** 531 ~ 1602 kHz (step: 9 kHz)
Sensitivity	● **FM:** 10 dBuV or less ● **AM:** 35 dBuV EMF or less
Distortion factor	Within 2 %

Note:
▪ Supported receiving channels may differ depending on vehicle type and specifications.

▪ Bluetooth

Item	Specifications
Frequency range	2,401 ~ 2,480 MHz
Supported Bluetooth version	Bluetooth 4.1 Class2
Supported profiles	Hands-free (1.6), A2DP (1.2), AVRCP (1.5), PBAP (1.1.1)
Bluetooth Power Class 2	0 to 4dBm
Antenna power output	0.5dBi (max.)

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 tele-vision 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.

Caution:
Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.
This device complies with part 15 of the FCC Rules.
Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) This device must accept any interference received, including interference that may cause undesired operation.
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.

For using in Mexico:
• La operación de este equipo está sujeta a las siguientes dos condiciones:
(1) Es posible que este equipo o dispositivo no cause interferencia perjudicial y.
(2) Este equipo o dispositivo debe aceptar cualquier interferencia, incluyendo la que pueda causar su operación no deseada.