

i Information

- Up to 5 Bluetooth devices can be paired.
- Only one Bluetooth device can be connected at a time.
- During a Bluetooth device connection, another device cannot be paired.
- When you delete a paired device, the Call History and Contacts stored in the head unit are also deleted.
- Bluetooth Hands-free and Bluetooth Audio functions are supported.
- Hands-free and audio-supported devices, such as a Bluetooth smartphone or audio, will function normally.
- When a Bluetooth device is connected, if the Bluetooth connection is unexpectedly disconnected, due to being out of communication range, the device powering off, or a Bluetooth communication error, the Bluetooth device automatically searches for and connects to nearby Bluetooth devices.
- If the system is not stable, due to a vehicle-Bluetooth device communication error, restore the Default Factory Settings.
- For Default Factory Settings, the bluetooth settings are reset to factory settings
- Press the **SETUP** key ► Select **Bluetooth** ► Select **Default Factory Settings**

Auto Connection Priority

Press the **SETUP** key ► Select **Bluetooth** ► Select **Auto Connection Priority** .

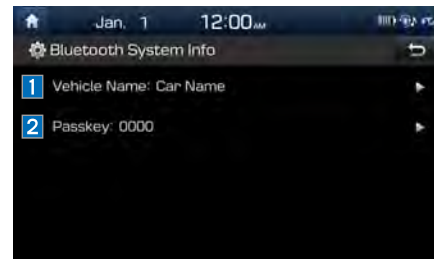


When the engine is running, the selected Bluetooth device is automatically connected. If you fail to connect the selected device, the previously-connected device is automatically connected, and if it also fails, then it tries to connect all paired devices sequentially.

Depending on auto connection priority, connection to a device may take time.

Bluetooth System Information

Press the **SETUP** key ► Select **Bluetooth** ► Select **Bluetooth System Info** .



Features	Description
1 Vehicle Name	You can change the Bluetooth device name of the vehicle.
2 Passkey	You can change the passkey used for Bluetooth device authentication. the initial passkey is 0000.

i Information

- The vehicle name above is an example. Check the actual information on the product.

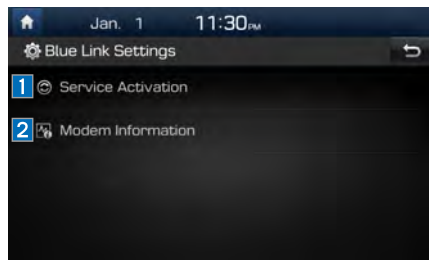
Default Factory Settings

You can delete all paired devices and restore the Default Bluetooth Settings. For Default Factory Settings, all paired devices are deleted, and the system is reset to factory settings.

Blue Link Settings

(For Blue Link Model)

Press the **SETUP** key ► Select **Blue Link** icon.



Features	Description
1 Service Activation	Reactivates the Blue Link.
2 Modem Information	Shows modem information for USIM and IMEI.

Service Activation

Press the **SETUP** key ► Select **Blue Link** ► Select **Service Activation**



Activation may take up to five minutes.

Do not turn the engine off while activation is in progress.

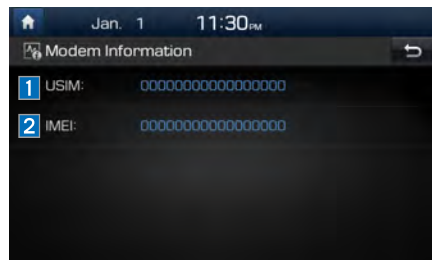
If activation fails, contact the Blue Link Center at (855) 2-BlueLink.

During service activation, the keys in the head unit do not function.

Modem Information

Press the **SETUP** key ► Select **Blue Link**

► Select **Modem Information**



Features	Description
1 USIM	USIM Identity number
2 IMEI	Equipment Identity number

Home Screen Settings

You can customize the three menu items at the bottom right of the Home Screen into the ones you want.

On the Home Screen Settings screen, drag the menu items on the right to the area marked in blue in the screen below.



i Information

- You can select the **Default** button to reset to the factory default settings.

Wi-Fi Settings (optional)

You can share a digital-device network with the vehicle device through Wi-Fi.



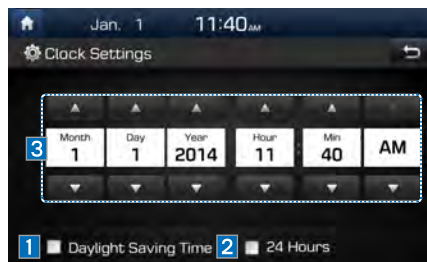
Features	Description
1 Wi-Fi	Turn on/off Wi-Fi.
2 MAC Address	Displays the MAC address.
3 Refresh	Searches available networks near the vehicle.
4 Network Name	Displays available network AP (Access Point) names.
5 Add Wi-Fi Network	Enter the network ID/ password to connect to a hidden network AP (Access Point).
6 Help	Shows the Wi-Fi setup guide.

How to Connect to a Network

1. In the Wi-Fi settings of a digital device, activate Internet sharing (Hotspot).
2. In the vehicle network list, select the desired device to connect to. Enter the password to connect, if any.

Clock Settings

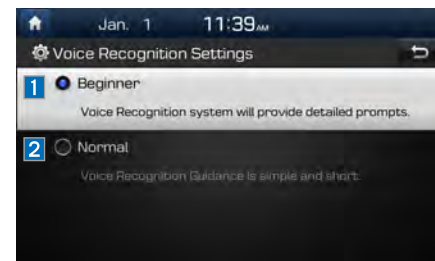
Configure the settings for time and date. Using the arrow buttons, you can change the values. Clock settings do not automatically change when crossing into different time zones. The time must be changed manually on this screen.



Features	Description
1 Daylight Saving Time	The daylight saving time (DST) is applied.
2 24 Hours	The time display is set in 24-hour format.
3 Direct entry	If you tap any value, you can directly enter the number in the following screen.

Voice Recognition Settings

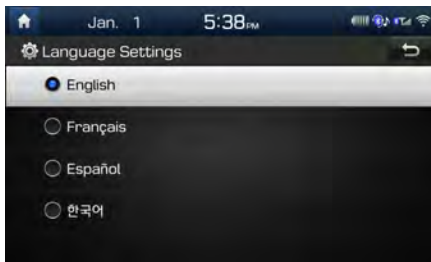
Configure how to make a call with Voice Recognition Guidance and Voice Recognition.



Features	Description
1 Beginner	For beginners, the voice recognition system provides voice prompts.
2 Normal	For normal users, the voice recognition system provides simple and short voice guidances.

Language Settings

You can configure the displayed system language.



When the language is changed, the system language is automatically changed.

Unique data including MP3 file name is not changed and voice recognition does not support some languages.

Keyboard Settings

You can configure the keyboard layout for each language.



You can configure ABCD or QWERTY keyboards for the system.

i Information

- Configured keyboard layouts are applied to all input modes.

Screen Saver Settings

You can select any of the following screen formats to be displayed when the screen or power is turned off (Press and hold the Power button).

- Digital clock and date
- Analog clock and date
- None



System Info

At the System Info screen, software version information, updates, and storage status details are available.



Features	Description
1 S/W Info	System version information and update details are available. Select the Update button to update the system. After update is complete, the system will reboot automatically.
2 Storage	Displays the memory space available for media storage.

System Update

At the System Info screen, insert the USB memory with the latest file downloaded, and then select the **Update** button to begin updating. The system will then reboot automatically.

i Information

- This product needs supplemented software updates and additional functions, which collectively may take some time to complete, depending on the amount of data.

⚠ CAUTION

- If the power is disconnected or the USB is removed during an update, the data might be damaged. Please do not turn off the vehicle while an update is in progress.

part.9 Appendix

Product Specification

Troubleshooting

FAQ

Appendix

Product Specification

TFT-LCD

Screen Size	7 inch(152.4 X 91.44mm)
Resolution	384,000 pixels (Resolution: 800 x 480)
Operating Method	TFT(Thin Film Transistor) Active Matrix
Viewing Angle	Left/Right, Top/Bottom: ALL 89°
Internal Lighting	LED

Radio

Channels	FM: 87.5 MHz ~ 107.9 MHz(Step: 200 kHz)
	AM: 530 kHz ~ 1710 kHz(Step: 10 kHz)
	AM: 531 kHz ~ 1701 kHz(Step: 9 kHz) (For GUAM Model)
Sensitivity	FM: Under 10dBu/AM: Under 35dBu
Distortion Factor	Within 2%

Common

Name	Car TFT LCD Display Audio Unit		
Power Supply	DC 14.4V	Operating Power	DC 9V ~ DC 16V
Current Consumption	2.5A	Sleep Current	Before 96 hour, 10mA After 96 hour, 1mA (For Blue Link Model)
			1mA (For NON Blue Link Model)
Operating Temperature	-20 ~ +70°C (-4 ~ +158°F)	Storage Temperature	-30 ~ +80°C (-22 ~ +176°F)
Dimensions	208 X 147.3 X 175mm (Main BOX)		
Weight	2kg		

Wi-Fi Details (optional)

Frequency	2412 ~ 2462MHz, 5180 ~ 5825MHz
Specification	IEEE802.11 a/b/g/n/ac
Operating Temperature	-20 ~ +70°C (-4 ~ +158°F)
Supported Bandwidth	20/40/80MHz

MODEM RF SPEC

LTE	RX	Frequency	2110MHz~2155MHz(B4), 746MHz~756MHz(B13)
		Sensitivity	-93.3dBm under@20M(B4), -93.3dBm under@ 10M(B13) (Throughput ≥95%)
	TX	Frequency	1710MHz~1755MHz(B4), 777MHz~787MHz(B13)
		Max RF Output Power	Power Class3(B4, B13), 20.3dBm ~ 25.7dBm (conducted)
CDMA	RX	Frequency	869MHz~894MHz(BC0), 1930MHz~1990MHz(BC1)
		Sensitivity	-104dBm under(FER = 0.5% under)
	TX	Frequency	824MHz~849MHz(BC0), 1850MHz~1910MHz(BC1)
		Max RF Output Power	Power Class3(BC0), Power Class2(BC1), 23.01dBm ~ 30dBm(conducted)

Bluetooth® Wireless Technology

Frequency Range	2402 ~ 2480 MHz	Supported Bluetooth® Specification	3.0
Supported Profile	Handsfree(1.6), A2DP(1.2), AVRCP(1.4), PBAP(1.0)		
Output	-6~4dBm (Power Class2, Conducted)		
Number of Channels	79 channels		

CAUTION

- The producer and installer cannot provide services related to life safety as the concerned radio equipment is liable to radio interference.

Troubleshooting

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

Problem	Possible Cause
There are small red, blue, or green dots on the screen	• Because the LCD is manufactured with technology requiring high point density, a pixel or lighting deficiency may occur within 0.01% of total pixels
The sound or image is not working	• Has the Switch for the vehicle been turned to [ACC] or [ON]? • Has the SYSTEM been turned OFF?
The screen is being displayed but sound is not working	• Has the volume been set to a low level? • Has the volume been muted?
When the power is turned on, the corners of the screen are dark	• The display appearing somewhat dark after prolonged periods of use is normal with LCD panels. It is not a malfunction • If the screen is very dark, contact your nearest Hyundai dealer for assistance
Sound is working from only one speaker	• Are the positions of Fader or Balance sound controls adjusted to only one side?

Problem	Possible Cause
Sound does not work in AUX mode	• Are the audio connector jacks fully inserted into the AUX terminal?
The external device is not working	• Is the external device connected with a standard connector cable?
Upon turning power on, the most recent mode screen is not displayed	Within modes that play files by reading external sources, such as USB, iPod, or Bluetooth® streaming mode, the most recently played mode screen prior to turning off power may not properly load • If the corresponding device is not connected, the mode operated prior to the most recent mode will operate • If the previous mode still cannot be properly played, the mode operated prior to that will operate

Problem	Possible Cause	Countermeasure
The power does not turn on	The fuse is disconnected	• Replace with a suitable fuse • If the fuse is disconnected again, please contact your point of purchase or Hyundai dealer
	Device is not properly connected	• Check to see that the device has been properly connected
The system does not play	The vehicle battery is low	• Charge the battery If the problem persists, contact your point of purchase or Hyundai dealer

Problem	Possible Cause	Countermeasure
The image color/tone quality is low	• The brightness, saturation, hue, and contrast levels are not set properly	• Properly adjust the brightness, saturation, hue, and contrast levels through Display Setup
Sound does not work	• The volume level is set to the lowest level • The connection is not proper • The device is currently fast-forwarding, rewinding, scanning, or playing in slow mode	• Adjust the volume level • Check to see that the device has been properly connected • The sound will not work when the device is fast-forwarding, rewinding, scanning, or playing in slow mode
The sound or image quality is low	• Vibration is occurring from where the conversion switch has been installed • Image color/tone quality is low	• The sound may be short-circuited and the image distorted if the device vibrates • The device will return to normal once vibrations stop

Problem	Possible Cause	Countermeasure
The USB does not work	• USB memory is damaged	• Please use the USB after formatting it.
	• USB memory has been contaminated	• Remove any foreign substances on the contact surface of the USB memory and multimedia terminal
	• A separately purchased USB HUB is being used	• Directly connect the USB memory with the multimedia terminal on the vehicle
	• A USB extension cable is being used	• Directly connect the USB memory with the multimedia terminal on the vehicle
	• A USB which is not a Metal Cover Type USB Memory is being used	• Use standard USB Memory
	• An HDD type, CF, SD Memory is being used • There are no music files which can be played	• Use standard USB Memory • Only MP3, WMA file formats are supported. Please use only the supported music file formats

Problem	Possible Cause	Countermeasure
The iPod is not recognized even though it has been connected	• There are no titles which can be played	• Use iTunes to download and save MP3 files into the iPod
	• The iPod firmware version has not been properly updated • The iPod device does not recognize downloads	• Use iTunes to update the firmware version and reconnect the iPod with the device • Reset the iPod and reconnect with the device
Bluetooth does not work or its limited functions are available	• Bluetooth on your mobile phone is set to OFF	• Set it to ON
	• The Bluetooth connection is not made	• Make the connection active

i Information

- While operating the device, if an abnormality occurs that cannot be corrected with the above described measures, press the RESET key to reset the system.
- Press and hold the RESET key (more than 1 second). The device power will turn off and the system will reset.

FCC Warning

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

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

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

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.