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Lg GV80 GENESIS Car Navigation System User Manual



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LG



GENESIS GV80

GEN6 PREMIUM CLASS NAVIGATION | SIMPLE MANUAL

Thank you FOR PURCHASING THIS GEN6 PREMIUM CLASS NAVIGATION.
Please scan this QR code to open the Gen6 premium class navigation web manual.



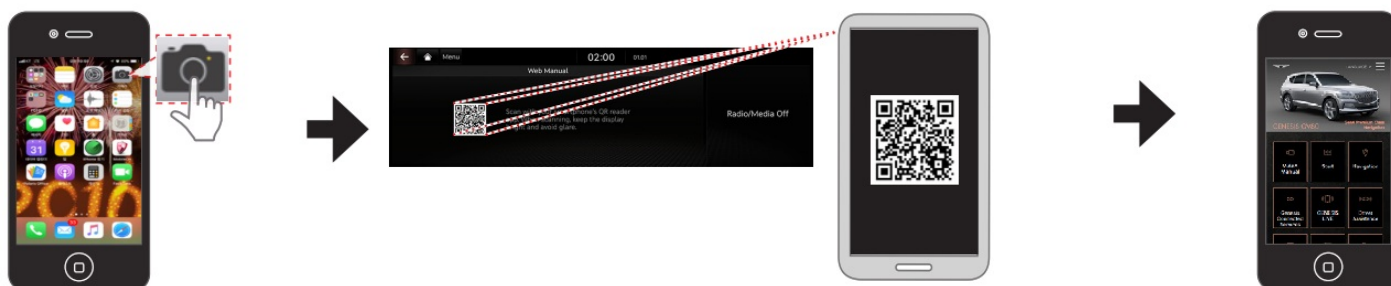
http://webmanual.genesis.com/PREM_GEN6/AVNT/JX1/EUR/English/index.html

Before using the product, read the contents of this user's manual carefully and use this product safely.
This model is not sold to the USA, but only the Certification of LTE B7 proceeds at the request of the Applicant.

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HOW TO SCAN QR CODE

• iOS (iPhone)



You can access directly the following URL address.
(http://webmanual.genesis.com/PREM_GEN6/AVNT/JX1/EUR/English/index.html)

Open the camera on your iPhone and point it at the code.

Scanning QR code : Press [Manual] > [Web Manual(Navigation)].
Scan the QR code, then tap the notification to go to the web page.

Access the content.

• Android (Galaxy etc.)



Open the Play Store: After searching the QR code reader, install it. Open the QR code reader on your android and point it at the code.

You can access directly the following URL address.
(http://webmanual.genesis.com/PREM_GEN6/AVNT/JX1/EUR/English/index.html)

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Scan the QR code, then tap the URL in the code to go to the web page.

access the content.

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PRECAUTIONS FOR SAFETY


SAFETY NOTES





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 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.



NAME AND FUNCTION OF EACH COMPONENT

HEAD UNIT

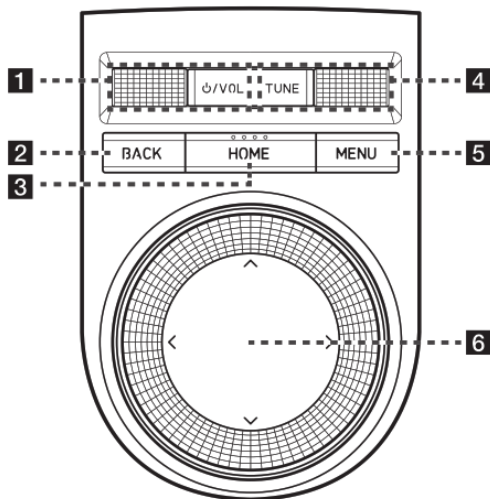
The image of this product may be different from the actual product.



- 1. MAP button**
 - Moves to the map screen showing the current position of the vehicle.
 - When the destination is set, the voice navigation starts on the map screen.
- 2. NAV button**
 - Moves to the navigation menu.
 - Press and hold to move to the destination search screen.
- 3. ☆ (Custom) button**
 - Users may select and use the desired feature with this button.
 - Press and hold to move to the custom button settings screen.
- 4. RADIO button**
 - Activates radio mode.
 - Each button press changes the mode in a sequence of DAB/FM > AM > DAB/ FM.
- 5. MEDIA button**
 - Press this button to switch between the media menu screen and media play screen.
 - Press and hold to move to the media menu screen.
- 6. SETUP button**
 - Moves to the settings screen.
 - Press and hold to move to the version info screen.

FRONT SEAT CONTROL KEYS

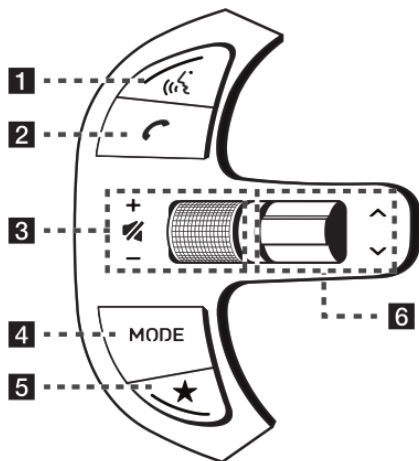
The image of this product may be different from the actual product.





1. **⏻/VOL wheel button**
 - Press briefly to turn AV on/off.
 - Press and hold to turn on or off the display.
 - Turn the wheel up/down to adjust the volume.
2. **BACK button**
 - Press briefly to move to the previous screen.
 - Press and hold to go to the home screen.
3. **HOME button**
 - Press briefly to go to the home screen.
 - Press and hold to go to the map screen.
4. **TUNE button**
 - Radio (DAB/FM): Turning the wheel up/down to change the searched station.
 - Radio (AM): Turning the wheel up/ down to increases/decreases the frequency by one step.
 - USB/Sounds of nature: Search for a file by turning the wheel up/down. And, when the name of the desired file is displayed, press the button to play the file.
5. **MENU button**
 - Displays a pop-up menu for each mode when pressed briefly.
 - Turns the split screen on and off when pressed and held.
6. **Controller**
 - Use the controller to move and select the menu.

STEERING wheel REMOTE CONTROL

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



1. **🗣️ (Voice Recognition) button**
 - When it is pressed shortly
 - Activates voice recognition mode.
 - Press and hold the button to cancel voice recognition.
 - When it is pressed and held
 - Activates voice recognition mode of the connected phone projection device.
2. **📞 (Bluetooth Call) button**
 - When it is pressed shortly
 - Searches a new Bluetooth phone or connects the registered phone if Bluetooth is not connected.
 - If Bluetooth is connected,
 - If selected in the call waiting screen, displays the call history screen.
 - If selected in the call history screen, makes a call to the last called number.
 - If selected in the phone entrance screen, enters the last call number.
 - If selected on the phone reception alert screen, answers the phone call.
 - If selected in the call, ends the call.
 - When it is pressed and held

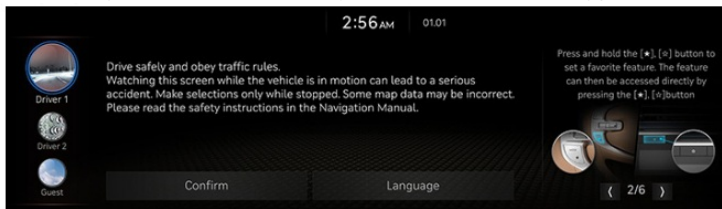
- When Bluetooth is connected, if selected in Bluetooth hand-free waiting mode, redials.
 - If selected in the pop-up of calling, rejects the call.
3. **+/_ button**
Turn the wheel up/down to adjust the volume.
-  (MUTE) button
Press the wheel to turn the mute on/off.
4. **MODE button**
- When it is pressed shortly
 - Selects a mode from Bluetooth audio, DAB/FM, AM, USB music, USB video, phone projection or sounds of nature.
 - When it is pressed and held
 - Moves to the mode button (steering wheel) settings screen.
5.  **(Custom) button**
- User may select and use the desired feature with this button.
 - Press and hold to move to the custom button settings screen.
6. **V ^ button**
- When it is pressed shortly
 - Selects a preset radio station in DAB/ FM or AM mode.
 - In media mode, searches track, file, or chapter.
 - When it is pressed and held
 - In DAB/FM mode, moves previous/next station based on the currently playing station.
 - In AM mode, broadcasting is automatically searched.
 - While USB mode is activated, fast file search is available.

BASIC CONTROLS

TURNING The SySTEM ON

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

1. Press the engine start button. Once the system is turned on, the booting process will start and the safety warning page is displayed.



- Press [Driver 1], [Driver 2], or [Guest] to change the profile of the system.

2. Press [Confirm].



NOTE

- You cannot operate the system while it is booting up. It may take some time for all of the features of the system to boot up.
- The safety warning page is displayed every time the ACC is turned on. The displayed warnings are related to safety, please read thoroughly and comply with the safety warnings.

TURNING The SySTEM Off

Press and hold [:/VOL] the wheel on the front seat control key.

To turn the system on again, press [:/VOL] the wheel on the front seat control key.



NOTE

Check the volume when turning on the system. Before turning on the system, adjust the volume to a reasonable level.

SYSTEM RESET

This feature is used to reset the system in the occurrence of an unforeseen error or problem. Press the [MAP] button and [SETUP] button for 5 seconds.

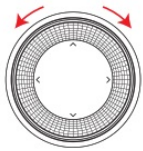


USING CONTROLLER AND TOUCHPAD

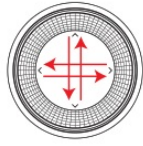
Rotate the controller to the left/right or use the touchpad to switch or select the menu.

Controller

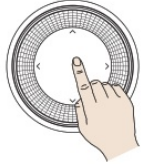
Description



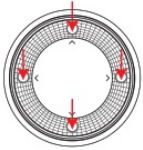
Rotate the controller to left/right to switch the menu.



Swipe up/down/left/right on the touchpad to switch the menu.



Press the touchpad to select the menu.
Write the desired words or gestures on the touchpad.



Press controller to up/down/left/right to focus menu or move map position.

UPDATE

For supplementation of the system software, the addition of new functions, and the renewal of the map, an update is needed.

1. On the general settings screen, press [Version info].
2. After inserting the USB with the update file, press [Update].
3. The update is carried out automatically, and after completion, the system automatically reboots.

NOTE

- This product requires regular updates for software corrections, new functions, and map updates. Updating may require up to 1 hour depending on the data size.
- Turning off the power or ejecting the USB during the update process may result in update failure.

TROUBLESHOOTING

Problem: The power does not turn on.

•Possible Cause: The fuse is disconnected.

•Countermeasure:

– Replace with a suitable fuse.

– If the fuse is disconnected again, please contact your dealer.

•Possible Cause: The device is not properly connected.

•Countermeasure: Check to see that the device has been properly connected.

Problem: The system does not play.

•Possible Cause: The vehicle battery is low.

•Countermeasure: Charge the battery if the problem persists, contact your point of purchase or service center.

Problem: The image color/tone quality is low.

•Possible Cause: The brightness, saturation, and contrast levels are not set properly.

•Countermeasure: Properly adjust the brightness, saturation, and contrast levels through Display Setup.

Problem: Sound does not work.

•Possible Cause: The volume level is set to the lowest level.

•Countermeasure: Adjust the volume level.

•Possible Cause: The connection is not proper.

•Countermeasure: Check to see that the device has been properly connected.

•Possible Cause: The device is currently fast-forwarding, rewinding, scanning, or playing in slow mode.

•Countermeasure: The sound will not work when the device is fast-forwarding, rewinding, scanning, or playing in slow mode.

Problem: The sound or image quality is low.

- Possible Cause: Vibration is occurring from where the conversion switch has been installed.
- Countermeasure: The sound may be short-circuited and the image distorted if the device vibrates.

Problem: The USB does not work.

- Possible Cause: USB memory is damaged.
- Countermeasure: Please use after formatting the USB into FAT 16/32, exFAT, NTFS format.

- Possible Cause: USB memory has been contaminated.
- Countermeasure: Remove any foreign substances on the contact surface of the USB memory and infotainment system.

- Possible Cause: A separately purchased USB HUB is being used.
- Countermeasure: Directly connect the USB memory with the infotainment system on the vehicle.

- Possible Cause: A USB extension cable is being used.
- Countermeasure: Directly connect the USB memory with the infotainment system on the vehicle.

- Possible Cause: A USB that is not a Metal Cover Type USB Memory is being used.
- Countermeasure: Use standard USB Memory.

- Possible Cause: An HDD type, CF, SD Memory is being used.
- Countermeasure: Use standard USB Memory.

- Possible Cause: There are no music files that can be played.
- Countermeasure: Only MP3 and WMA file formats are supported. Please use only the supported music file formats.

Specification

Common	Power Supply	DC 14.4 V
	Operation Power	DC 9 – 16 V
	Current Consumption	Max. 6 A
	Dark Current (average)	Max. 1 mA
	Operating Temperature	-20 – 70 °C
	Storage Temperature	-40 – 85 °C
	Dimensions (HeadUnit)	232 (W) x 85.2 (H) x 164.5 (D) mm
	Weight (Headunit)	1.4 kg
Front Monitor	Screen Size (Outline Dimension)	361.82(H) x 112.4(V) x 12.8(D) mm (Typ.), (W/ PemNut, W/Cover Glass 1.1T)
	Resolution	2560 x 720 (14.5")
	Operating Method	TFT, In-Plane Switching (IPS), Active Matrix
	Viewing Angle	80/80/80/80 (UR/U/D)
	Internal Lighting	LED

Radio	AM	
	Tuning Range	522 – 1620 Khz
	Usable Sensitivity	35 dBuV
	SNR Ratio	45 dB
	FM	
	Tuning Range	87.5 – 108.0 Mhz
DAB	Usable Sensitivity	10 dBuV
	SNR Ratio	50 dB
	Tuning Range	174.928 – 239.200 Mhz
	Min. Sensitivity	-100 dBm
	Adjacent Channel Selectivity	60 dBc
	Far Off Selectivity	60 dBc
Bluetooth	Supported Profile	HFP 1.7/A2DP 1.3/AVRCP 1.6/ PBAP 1.2/MAP 1.2/SPP 1.2/ BIP 1.2
	Supported Bluetooth Specification	4.
	Frequency Range/ Output Power	2402 – 2480 Mhz Max. 4.0 dBm
	Number of Channels	79
GSM	RX	Frequency Range 925 MHz – 960 MHz (GSM900), 1805 MHz – 1880 MHz (DCS)
		Min. Sensitivity -104 dBm (classII RBER=2.4% under) GSM900 -102 dBm (class) RBER=2.4% under), DCS
	TX	Frequency Range 880 MHz – 915 MHz (GSM900), 1710 MHz – 1785 MHz (DCS)
		Max. Power 31 – 35 dBm (GSM900), 28 – 32 dBm (DCS)
	RX	Frequency Range 2110 MHz – 2170 MHz (B1), 925 MHz – 960 MHz (B8)
		Min. Sensitivity -106 dBm (BER =0.1% under)
WCDMA	TX	Frequency Range 1920 MHz – 1980 MHz (B1), 880 MHz – 915 MHz (B8)
		Max. Power 20.3 – 25.7 dBm
LTE	RX	Frequency Range 2110 MHz – 2170 MHz (B1), 1805 MHz – 1880 MHz (B3), 2620 MHz – 2690 MHz (B7), 925 MHz – 960 MHz (B8), 791 MHz – 821 MHz (B20)
		Min. Sensitivity -97 dBm @ 10 M (B1), -91 dBm @ 20 M (B3), -95 dBm @ 10 M (B7), - 94 dBm @ 10 M (B8), -94 dBm @ 10 M (B20) (Throughput ? 95%)
	TX	Frequency Range 1920 MHz – 1980 MHz (B1), 1710 MHz – 1785 MHz (B3), 2500 MHz – 2570 MHz (B7), 880 MHz – 915 MHz (B8), 832 MHz – 862 MHz (B20)
		Max. Power Power Class3 (B1,B3,B7,B8,B20) 20.3 – 25.7 dBm

IMPRINT:

The navigation system is provided by
Hyundai Motor Europe GmbH
Kaiserleipromenade 5
63067 Offenbach, Germany
Tel.: +49 (0) 69 271472100
Homepage: www.hyundai.com/eu
Register Court: Offenbach
Register number: HRB 42351
Represented by: Hyung Cheong Kim (CEO)
VAT ID: DE 812 979 250

DECLARATION OF CONFORMITY

Hereby, Hyundai Motor declares that the radio equipment type Car Navigation System 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.hyundai.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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GV80 GENESIS Car Navigation System, GENESIS Car Navigation System, Navigation System

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