
HI
Basic Headunit Manual

HMI Spec Team



Faceplate on the headunit



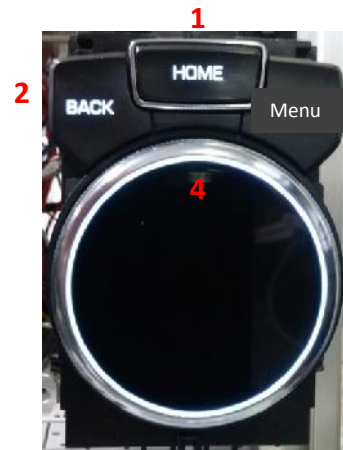
No.	Name	Detail description
1	POWER/VOL	<ul style="list-style-type: none">• Use to adjust the power ON / OFF or volume of the product.• To make the AV OFF state, press POWER/VOL knob in the power on state.• To make the AV ON state, press POWER/VOL knob in the AV OFF.• To make the Power OFF state, Long press in the POWER ON state.• To make the POWER ON state, press POWER/VOL knob in the power OFF.• To adjust volume, turn POWER/VOL left or right.
2	RADIO	<p>Switch to the radio application. Toggled the radio each band is activated whenever pressing the button.</p> <p>➤ Toggled Order FM > AM > DMB</p>
3	MEDIA	<p>Switch to available media application. Whenever pressing this button, Media is activated with toggled.</p> <p>➤ Toggled Order Disc > Jukebox(Audio) > Jukebox(Video) > Front USB/Front iPod/CarPlay/Android Auto(Audio last mode (either USB/iPod or Pandora or CarPlay or Android Auto)) > Front USB (Video) > Rear USB /Rear /Audio last mode (either USB/iPod or Pandora) > Rear USB (Video) > AUX > Bluetooth Audio</p>

Faceplate on the headunit



No.	Name	Detail description
1	SEEK Down / TRACK Up	<ul style="list-style-type: none"> ➤ Radio : Seek next or previous radio channel. ➤ Media : Play next or previous media song.
2	MAP	<p>Go to the current vehicle map screen is located</p> <ul style="list-style-type: none"> ➤ Map screen : Announce the requirement guidance. ➤ Other screen : Go to the Map screen with current position.
3	PHONE	<ul style="list-style-type: none"> ➤ Unconnected BT device state : The headunit shows the Bluetooth setting screen ➤ BT connected state : The headunit shows the Bluetooth call history.
4	BLUELINK	The headunit shows the Blue Link mode.
5	DISP	<p>Short press DISP Switches the display on/off.</p> <p>Long press DISP Shows the setup screen of display settings, with focus on "Illumination (Daylight)" This is also valid when the front monitor was off.</p>
6	Tune	<ul style="list-style-type: none"> ➤ Radio playback mode : Increase or Decrease radio frequency. ➤ DMB playback mode : Increase or Decrease the DMB channel ➤ Media playback mode(DISC, Jukebox, USB, iPod mode) <ul style="list-style-type: none"> • Rotate the knob : Displays previous or next song information. • Press the knob: Play selected song.

CCP and RRC Controller



No.	Name	Detail description
1	HOME	Go to the Home Screen.
2	BACK	Go back to one level up in the menu tree.
3	MENU(OPT)	Open the menus.
4	Controller	Rotate or Move / Push <ul style="list-style-type: none"> • Press the CCP : Activate the focused menu. • Rotate/Move the CCP : Move the focused item. (Rotating the R/P will move the cursor through lists and spellers. Turning the controller clockwise (cw) in a list moves the cursor down. Turning the controller counter clockwise (ccw) leads to upwards movement of the cursor.)



No.	Name	Detail description
5	HOME	Calls up the Home Screen. on rear screen.
6	BACK	Takes the user one level up in the menu tree . on rear screen
7	MENU(OPT)	On an Application Screen, if the user presses the HK MENU the Menu opens . on rear screen
8	Controller	Rotate or Move / Push <p>Activate or move the focused item on rear screen.</p>

RRC Controller



No.	Name	Detail description
1	MODE	Switch available media application. Whenever pressing this button, Media are toggled. <input type="checkbox"/> Note FM→ AM→ DMB/SiriusXM/DAB→ DVDP(CDDA or VCD or DVD or DATA) -> Jukebox(Audio) -> Jukebox(Video) -> Front USB/Front iPod/CarPlay/Android Auto(Audio last mode (either USB/iPod or Pandora or CarPlay or Android Auto) -> Front USB (Video) -> Rear USB /Rear iPod (Audio last mode (either USB/iPod or Pandora)-> Rear USB (Video) -> AUX -> Bluetooth Audio last mode (either BT Audio or BT Pandora)
2	MUTE	Mute/unmute the system
3	DISP-L	Turn on/off the rear left screen
4	DISP-R	Turn on/off the rear right screen
5	SEEK UP/DOWN	Switching to next/prev. channel in preset list (if the user is not in the Radio application a OSD pop-up with the changed channel will be shown.)
6	VOL	Left / right volume by turning adjustable

Steering Wheel Key



No.	Name	Detail description
1	PTT(VR)	Under VR: skip voice guide and wait command Waiting VR: reset waiting time and wait command again
2	MODE	Short Press Switch available Radio and media application. Whenever pressing this button, Media are toggled. FM→ AM→ DMB/SiriusXM/DAB→ DVDP(CDDA or VCD or DVD or DATA) -> Jukebox(Audio) -> Jukebox(Video) -> Front USB/Front iPod/CarPlay/Android Auto(Audio last mode (either USB/iPod or Pandora or CarPlay or Android Auto) -> Front USB (Video) -> Rear USB /Rear iPod (Audio last mode (either USB/iPod or Pandora)-> Rear USB (Video) -> AUX -> Bluetooth Audio last mode (either BT Audio or BT Pandora) Long Press AV OFF with beep sound
3	VOL	Scroll up/ down Left / right volume by turning adjustable Push mutes/unmutes the system

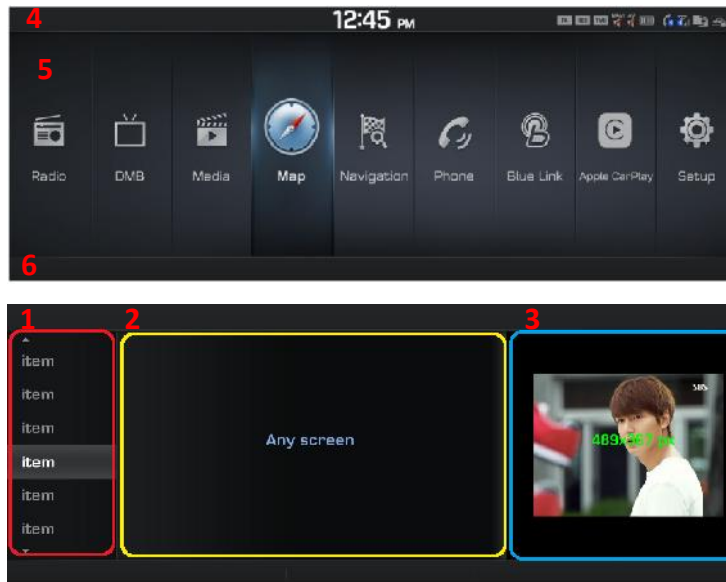
No.	Name	Detail description
4	SEEK UP/DOWN	Switching to next/prev. channel in preset list (if the user is not in the Radio application a OSD pop-up with the changed channel will be shown.)
5	Send	Short Press <ul style="list-style-type: none"> No devices paired /connected Display a popup that no BT phone is connected device connected Show dial pad Long Press <ul style="list-style-type: none"> No devices paired /connected Display a popup that no BT phone is connected device connected Redial (last outgoing call)
6	End	<ul style="list-style-type: none"> Incoming call Reject incoming call 2nd incoming call Reject incoming call and keep 1st call, Active call Hang up call 1 call active, 1 call on hold Hang up active call, activate call on hold

Room Mirror Key



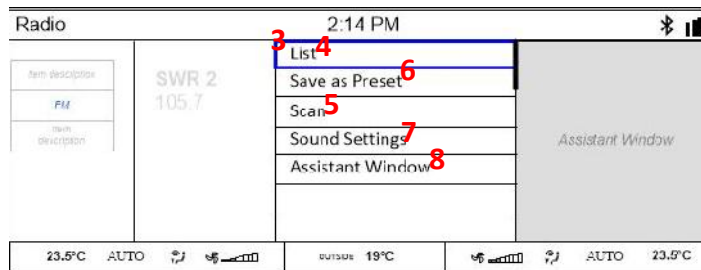
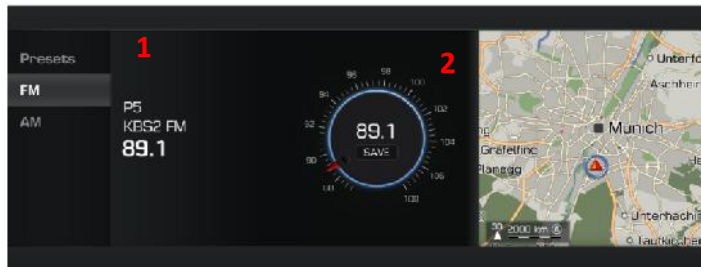
No.	Name	Detail description
1	Blue Link Call	Connecting blue link center assistant
2	TBD	
3	SOS	Connecting blue link emergency assistance.

Layout



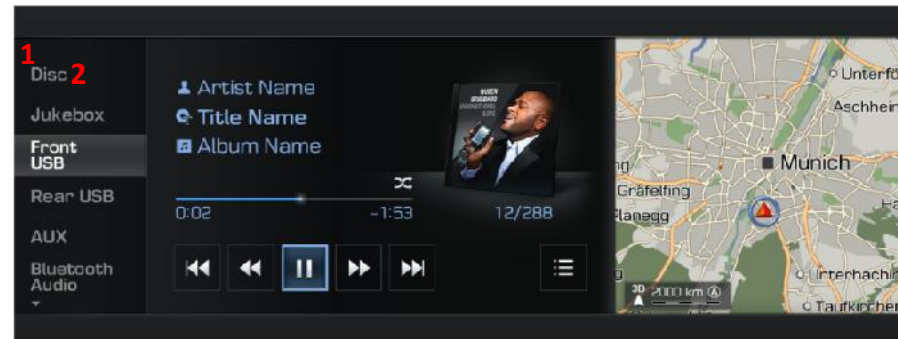
N o.	Name	Detail description
1	Mainbar	Sub menus in selected application
2	Main Content Area	The main window is the major interaction area.
3	Assistant Window	<p>Accessed by moving the CCP to the right from content area.</p> <ul style="list-style-type: none"> • Map View-Heading Up (with Route guidance information if active) • Map View-3D View (with Route guidance information if active) • Map View-North Up (with Route guidance information if active) • Turn List (Position Info will be shown if no guidance is active) • Media Info (Radio or Media information) • Qibla [only available for Middle East variant]
4	Title bar	<ul style="list-style-type: none"> •Application menu name / Clock & icons are displayed. •In the VR, time will be hid.
5	Home	All application's entry (Per each variant, the home menu are consist of different applications)
6	Status bar	Climate information is displayed.

Radio FM/AM



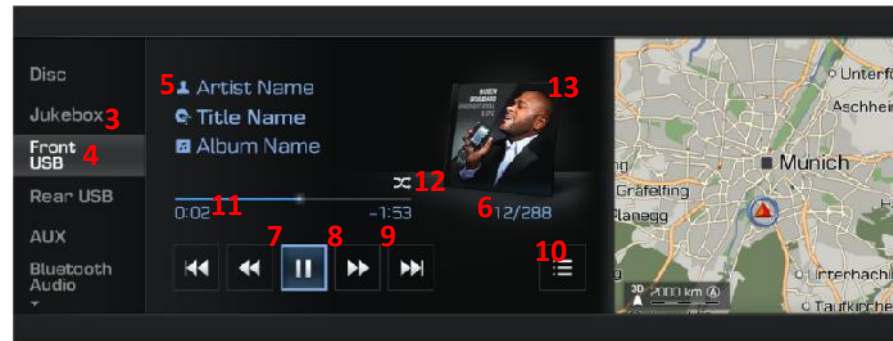
No.	Name	Detail description
1	Radio Playback	Saved Preset Number . Station Name Radio Frequency.
2	Dial	Rotate tune knob or CCP to change the radio frequency.
3	Menu	Press 'Menu' on CCP to show the option menu.
4	List	Switch to the frequency list mode
5	Save as Preset	Saves current frequency in the Preset.
6	Scan	Scan' plays all receivable FM stations 5 sec each. Scan stops automatically when all stations have been played once. After completing scan, return and replay channel which was playing before scanning.
7	Sound Settings	Move to Sound Settings (Setting > Sound)
8	Assistant Window	Refer to "Layout" page -#3

Media



No.	Name	Detail description
1	Media Main bar	<p>Available Media Player Sources (CD, DVD, Jukebox, USB, iPod, Bluetooth Audio, Pandora)</p> <p><input type="checkbox"/> How to change the media to play Move CCP Left from main content and select the one of mainbar (Disc CD, Jukebox Music, Jukebox Video, Jukebox Image)</p>
2	Auto playback	<p>Disc Insert a disc in the disc slot and playback will start automatically.</p> <p>USB Connect a USB device to the USB port and playback starts automatically. (USB device should have the mp3 or video file or Image files)</p> <p>iPod Connect an iPod device to the USB port and playback starts automatically.</p> <p>➤ Jukebox How to copy media files to Jukebox from USB. (Refer 'Copy ot Jukebox' in the USB option)</p>

Media



No.	Name	Detail description
3	Jukebox	Storage is the HDD of the headunit.
4	USB	2 USB Ports are supportive. One is front seat. The other one is rear seat. <input type="checkbox"/> Note On North America variant, only 1 USB port is supportive.
	iPod	<input type="checkbox"/> Note CarPlay and iPod If connected iPod is unsupportive the CarPlay, the mainbar displays iPod. Only front USB port is supportive CarPlay.
5	Playback File Information	<ul style="list-style-type: none"> • Disc : Track No, Title, Album Name, Artist. • Bluetooth Audio : Device name, Titles, Album Name, Artist. • Other Media : Titles, Album Name, Artist.

N O.	Name	Detail description
6	Track Index	Current track/Total track .
7		Play, Pause are toggled.
8	<< >>	Searching playing position
9	<< >>	Previous/Next Song
10	List	List
11	Playing Time	Current playing time information.
12	Random /Repeat	[Random On] Plays randomly all files within current media device. [Random Off] Cancels RANDOM play. [Repeat On] Plays repeatedly the current file. [Repeat Off] Plays repeatedly all files within current media device.
13	Album art	The album art of current playing song.

Media

> USB Music playback



> Bluetooth Audio playback



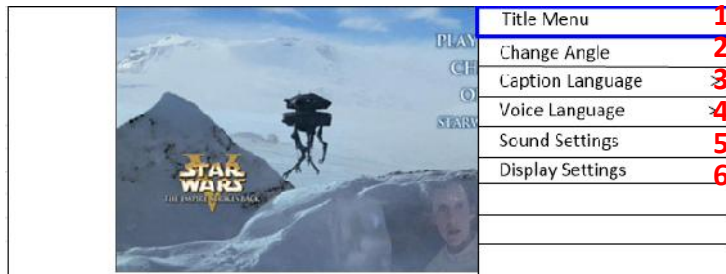
> Jukebox Music playback





No.	Name	Detail description
1	List	Switch to the track/file list mode.
2	Random	[Random On] The unit plays randomly all files within current media device. [Random Off] Cancels RANDOM play.
3	Repeat	[Repeat On] Plays repeatedly the current file. [Repeat Off] Plays repeatedly all files within current media device.
4	Scan	Start scanning playback . Select the 'Scan' on the option to
5	Search	Search the songs with filters (ex> album, folder, artist, etc)
6	Copy to jukebox	If user select "Copy to Jukebox", the USB files will be copied to the storage of the jukebox.
7	Sound Setting	Go to the Sound Setting.
8	Bluetooth Setting	Go to the Bluetooth Setting
9	Assistant Window	Refer to "Layout" page -#3
10	Jukebox Management	System displays HDD memory capacity

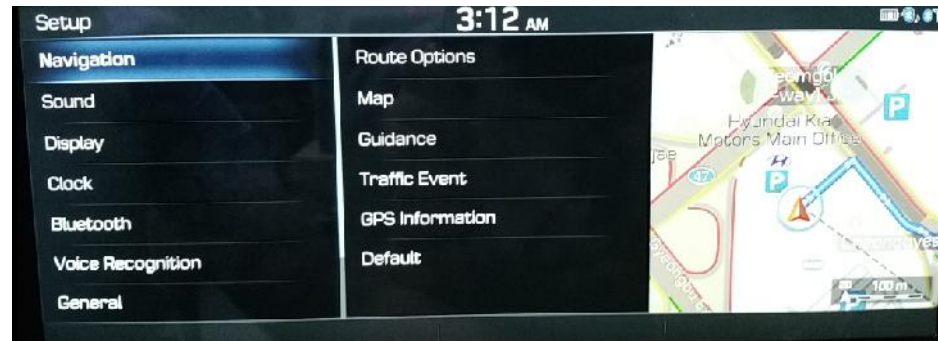
Media

> DVD playback



No.	Name	Detail description
1	Title Menu	Go to title menu screen
2	Change Angle	The camera angle changes each time you press the menu.
3	Caption Language	Switch the desired caption language
4	Voice Language	Switch the language of the sound .
5	Sound Setting	Go to the Sound Setting.
6	Display Setting	Go to the Display Setting
Note		<ul style="list-style-type: none"> Switching the DVD Menu language is unavailable during DVD playback To check whether or nor the disc is recorded with angles: The jacket of discs that are recorded with angles will be marked with . The subtitle language can not be switched if the subtitle language is not recorded, or if only one language is recorded. Switching the subtitle language may not be possible with some discs. In this case, the mark will be displayed. . If you want to change the aspect ratio, go to Setting > Display Setting > Ratio. You can choose 4:3 or 16:9 ratio. Language spellings conform to the ISO639-1 Code

Setting



No.	Name	Detail description
1	Navigation	TBD
2	Sound	TBD
3	Display	TBD
4	Clock	TBD

Setting Bluetooth



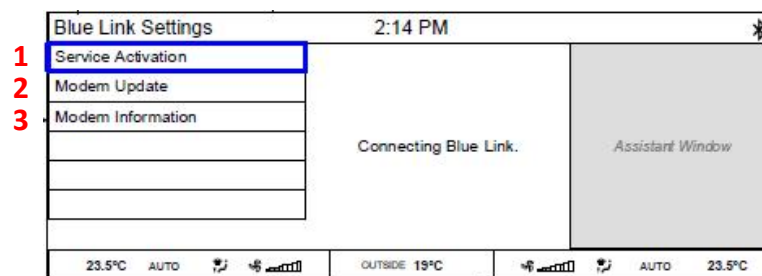
No.	Name	Detail description
1	Bluetooth Connection	<p>Add New Device Search for BT devices.</p> <p><input type="checkbox"/> Step</p> <ol style="list-style-type: none"> 1. Input the passkey (Default:0000). 2. Verify on the screen in your phone when the popup screen is displayed on the screen. 3. When it's successfully connected, you can listen the music on the device or call via BT device. 4. When it's not connected, the connection failure message appears on the screen.
2	Auto Connection Priority	If you check on the desired device for bluetooth connection, the h/u will attempt to connect the registered bluetooth device in priority.
3	Bluetooth Voice Prompts	When it checked, the TTS guidance is played.

Setting Bluetooth



No.	Name	Detail description
1	System Bluetooth info	<p>Change Device Name Rename the h/u device name to be shown on the phone during connection</p> <p>Change Passkey Input the passkey using the keyboard and Press 'OK'. The passkey is shown on the screen in your phone when the pop-up screen is displayed on the screen.</p>
2	Default	<p>Delete all paired devices Remove only paired bt device list.</p> <p>Reset Reset current bluetooth setting to default setting value. Paired bt device list will be remained.</p> <p>Delete all paired devices and Reset Reset the bluetooth setting value and remove the paired device list.</p>

Setting Blue Link



No.	Name	Detail description
1	Service Activation	You should enroll the service subscription via Blue Link center before the activation.
2	Modem update	Modem within the h/u start updating
3	Modem information	The H/U displays the Phone number, USIM, IMEI information.

Note

Enrolling in Blue Link

*you must be an active Blue link subscriber or within the initial free trial period to receive Blue link services, including emergency notification services.

☐ Caution

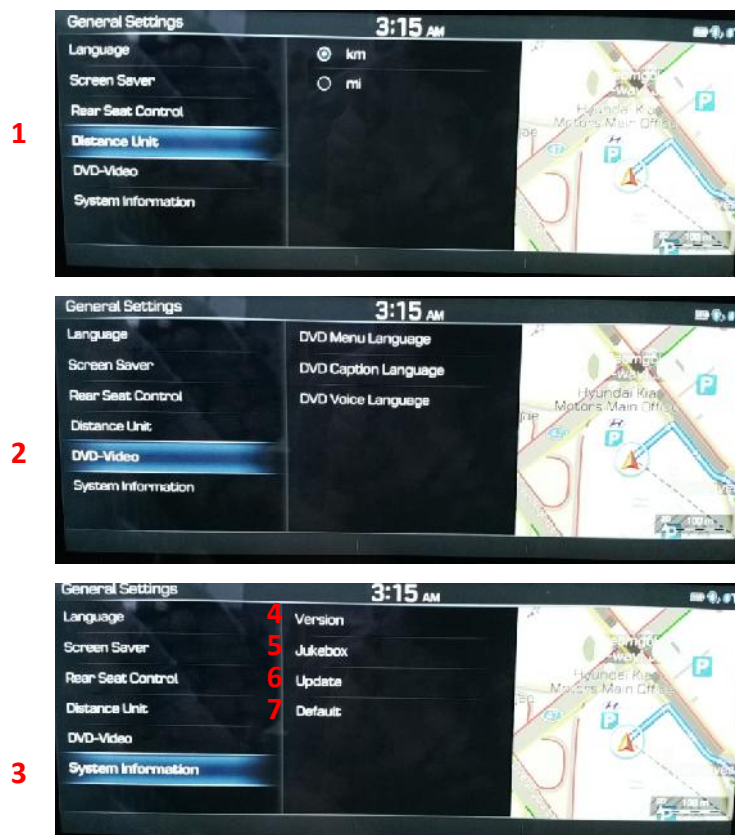
While service activation, keep the parking state of the vehicle to avoid any activation errors.

Setting General



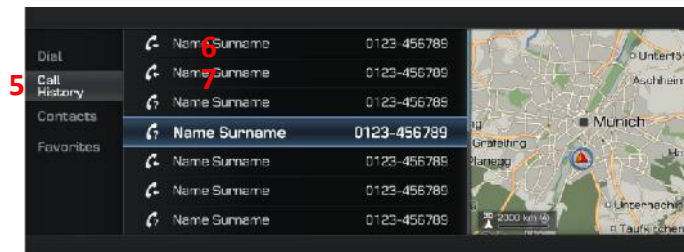
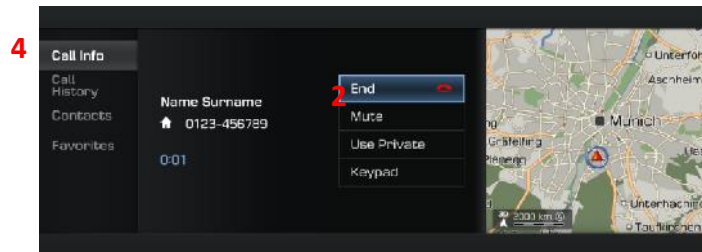
No.	Name	Detail description
1	Language setting	Change current system language. <input type="checkbox"/> Note Depends on variant, listed language will be different.
2	Screen Saver	When the system is 'DISP OFF' state or 'POWER OFF' state, configured saver will be displayed.
3	Rear Seat Control	Controls rear seat monitors. <input type="checkbox"/> Note • Unchecked 'Lock Rear Controls' : Unable to control the rear seat controls . • Checked 'Lock Rear Controls' : Able to control the rear seat controls.

Setting General



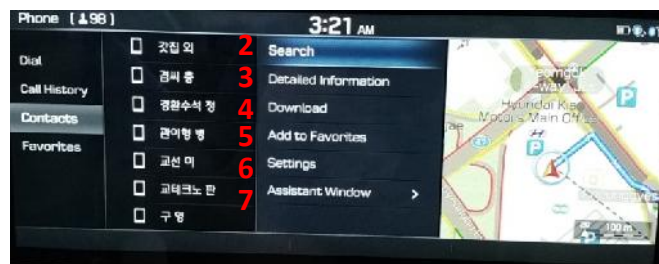
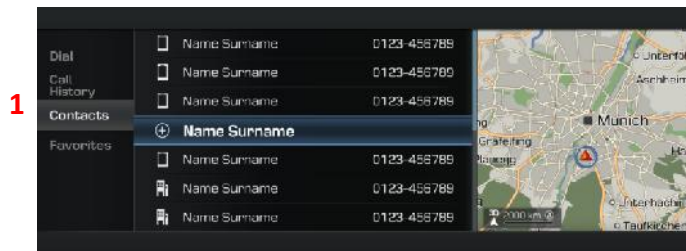
No.	Name	Detail description
1	Distance Unit	Choose the distance unit .
2	DVD-Video	DVD Menu Language Switch DVD Caption Language Switch the desired caption language. DVD Voice Language. Switch the language of the sound.
3	System Information	<ul style="list-style-type: none"> •Provide the software version information, Hard storage. •Upgrade SW. •Reset all setting.
4	Version	The headunit software version information.
5	Jukebox	The capacity informations of headunit
6	Update	Update the software of headunit. <input type="checkbox"/> Note USB with software binary should be connected to the headunit. After USB connected, press 'Update' button to upgrade software.
7	Default	Reset all settings to factory default.

Bluetooth Phone



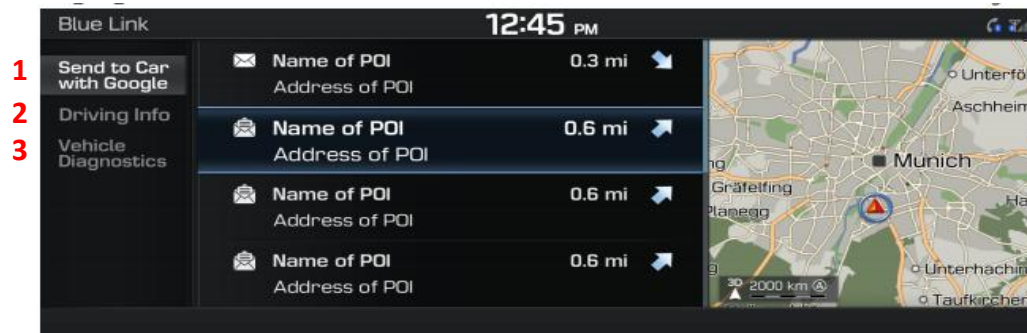
No.	Name	Detail description
1	Dial	Making a call by entering phone number The most basic way to make a call is to simply dial the number. Connect your unit and Bluetooth phone before you make a call.
2	Send button	After input the phone number to dial, Press the 'Call ' button Press for long to make a call from a latest call.
3	Back	To Erase one digit at a time, Press and Hold .
4	Call info	<p>End To finish the phone conversation, Press the 'End' button.</p> <p>Mute Switching the microphone on/off</p> <p>Use Private Switching the sound path during a call</p> <p>Keypad Displays the number keypad to input DTMF.</p> <p>How to answer a call When you receive a call, your phone rings and the “Incoming Call” pop-up screen is displayed on the screen. Press [Accept] button to answer the call. If you want to reject a call, Press [Reject] button on popup.</p>
5	Call History	<p>The user’s recent call history applies only to the hands-free connection.</p> <p>Note Making a call from a recent call with the headset connection depends on the call history of the Bluetooth phone.</p>

Bluetooth Phone



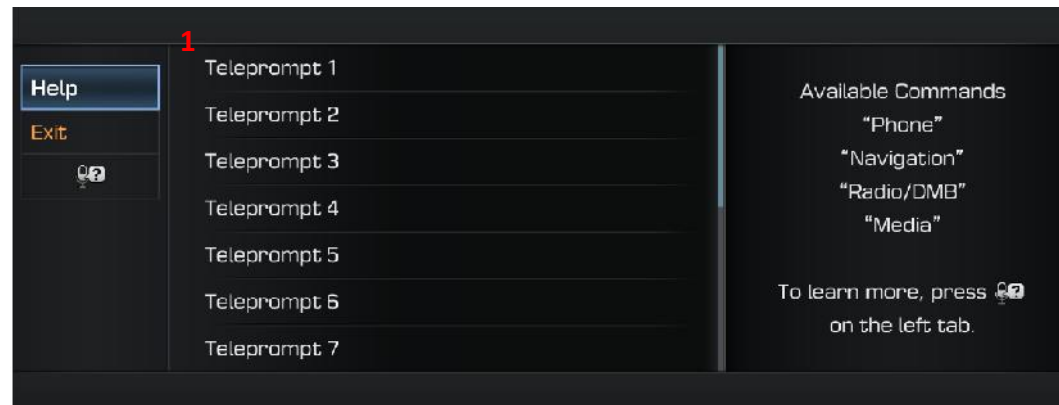
No.	Name	Detail description
1	Contacts	<p>Contacts information is the phonebook entries of the connected phone device.</p> <p><input type="checkbox"/> Note</p> <p>You can use the phone book entries stored on the memory of phone supporting PBAP (Phone Book Access Profile) profile.</p> <p>After connecting your unit and Bluetooth phone via Bluetooth wireless technology, the numbers in your phone's phone book is transferred automatically into phone book.</p>
2	Search	<ol style="list-style-type: none"> 1. Input the first letter of entry in phonebook. 2. Select the list entry and Press [OK] 3. In case of a phonebook entry with multiple phone numbers, entry is displayed. 4. After pressing CCP on entry, Press CCP on phone number to dial.
3	Detail Information	View saved contact information
4	Download	Manually contact entries can be updated.
5	Add to Favorites	Add to your favorites list
6	Settings	Move to Setting -> Bluetooth
7	Assistant Window	Refer to "Layout" page -#3


Blue Link



No.	Name	Detail description
1	Send to Car with Google	Displays "Places" list updated by Google.
2	Driving Information	Displays the deceleration and acceleration driving speed graph.
3	Vehicle Diagnostics	Displays the notification lists of manual Diagnostic Trouble code (DTC)

VR



No.	Name	Detail description
	Giving voice commands	Press  on the steering wheel remote control.
1	Commands	<p>After the beep sounds, say "Help". All commands shall be listed which are presented in active fields.</p> <p><input type="checkbox"/> Note If you want to adjust the volume of the system feedback, press VOL+ or VOL- on the steering wheel remote control or use the volume knob</p>

FCC/IC Warning statement in the manual

1. FCC statements (North America)

(§15.21)

“CAUTION TO USERS” / “FCC WARNING”

“Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment “

2. Canada (IC) statement Manual (required both English and French)

This device complies with Industry Canada's licence-exempt RSSs. Operation is subject to the following two conditions:

- (1) This device may not cause interference; and
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Le manuel d'utilisation des appareils radio exempts de licence doit contenir l'énoncé qui suit, ou l'équivalent, à un endroit bien en vue dans le manuel d'utilisation ou sur l'appareil, ou encore aux deux endroits.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

- 1) l'appareil ne doit pas produire de brouillage;
- 2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.