CAR MULTIMEIDA SYSTEM (MTXNC10BA)

USER'S MANUAL

i10

Please read this manual carefully before operating your set and retain it for future reference. Designs and specifications are subject to change without prior notice.

The screens shown in this manual may differ from the actual screens of the product.
The design and specification of this product may change without prior notification for product improvement.
When transferring the vehicle to another individual, include this user's manual so that the next driver can continue its use.

HYUNDAI

Rev.2.0

iPod®

iPod® is a registered trademark of Apple Inc.

Bluetooth®

The Bluetooth® Wireless Technology word mark and logos are registered trademarks owned by Bluetooth® Wireless Technology SIG, Inc.
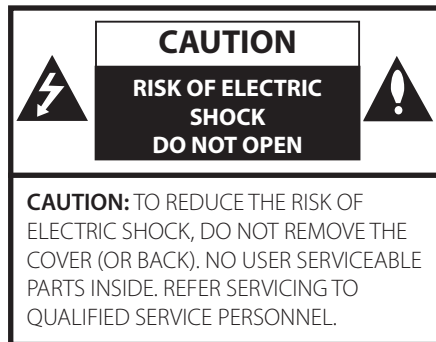
Cortex

Cortex is the name of the ARM Processor Architecture used in the AV System.

Windows Embedded Compact 7

Windows Embedded Compact 7 is an operating system used in the AV System.

Precautions for safety

Safety notes

```
                  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 hand 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.

3

Precautions for safety

WARNING:

- Do not stare at the screen while driving. Staring at the screen for prolonged periods of time could lead to traffic accidents.
- Do not disassemble, assemble, or modify the AV system. Such acts could result in accidents, fire, or electric shock.
- Using phone features while driving may distract drivers from paying attention to traffic conditions and result in traffic accidents.
  Use phone features only after the vehicle has been parked.
- Heed caution not to spill water or introduce foreign objects into the device. Such acts could lead to smoke, fire, or product malfunction.
- Please refrain from use if the screen is blank or no sound can be heard as these signs may indicate product malfunction. Continued use in such conditions could lead to accidents (fires, electric shock) or product malfunctions.

- Do not touch the antenna during thunder or lightening as such acts may lead to lightning induced electric shock.
- Do not stop or park in parking-restricted areas to operate the product. Such acts could lead to traffic accidents.
- The video screen will not operate when the vehicle is in motion. For your safety, first park the vehicle to watch or view the screen.
- Some Non-video features may also not operate when the vehicle is in motion. These features will operate only when the vehicle has been parked.

CAUTION:

- Do not keep the AV system running with the engine stopped. Doing so may discharge the vehicle battery. When you use the AV system, always keep the engine running.
- When the driver wants to operate AV system, first park the vehicle in a safe location and set the parking brake.
  Operating the system while driving can distract the driver and may result in a serious accident.
- 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.
- Do not use your phone in private mode when you are driving. You must stop at a safe location to use it.

Key Product Features

Key Product Features

Button	Description
Display	**Wide TFT-LCD Display** Provides high quality video through a Wide TFT-LCD Display using an LED Back Light.
Radio	**Digital Tuner Feature** Digital Tuner using PPL method that supports memory of 20 broadcast stations for each AM and FM modes. **Radio broadcast station name** Displays broadcast station names for key locations.
Multimedia Player	**Support for various Media Formats** Support for various media formats, including Radio, MP3, USB, iPod® and Bluetooth® Audio Streaming modes.
Miscellaneous	**Bluetooth® Wireless Technology** Convenient use of Bluetooth® Handsfree by using buttons within the steering wheel remote controller.
	Digital Screen Control Features Easy control of features through touch screen options.
	Steering Wheel Remote Controller Control over audio features and Bluetooth® through the steering wheel remote controller for maximum convenience.
	Android Auto™ Android Auto™ brings the most useful apps from your phone to your vehicle´s screen, optimized for easy glancing and control while driving.
	Apple CarPlay CarPlay puts key iPhone apps - the ones you want to use while driving - on your car's built-in display. With CarPlay, you can get turn-by-turn directions, make phone calls, exchange text messages, listen to music, and more.

Component Names and Functions

Head Unit

Name	Description

1 Power / Volume Knob	• Power on
	  When power is off, press to turn power on.
	• Power off
	  When power is on, press and hold to turn power off.
	• Audio off
	  When power is on, press to turn Audio off.
	• Turn left/right to control volume.

2 Reset	Resets the system.
3 Microphone	Detects voice during phone conversations.
4 FM/AM	• Operates FM/AM mode. • Each time the key is pressed, mode is changed in order of FM1 ▶ FM2 ▶ AM ▶ FM.
5	• Press to display the Home menu screen. • Press and hold to activate the Google voice or the Siri function when your Android phone or iPhone is connected to the unit. (optional)

Component Names and Functions

Head Unit

Name	Description
6 PHONE	Takes user to phone screen.
7 SETUP	Displays the Setup mode.
8 USB port	Connect USB device or iPod.
9 Tune / ENTER Knob	• FM/AM mode : changes the frequency. • MEDIA (USB/ iPod®) mode : changes the track, file or title

Component Names and Functions

Steering Wheel

Button	Description
1 + VOL -	Controls the volume.
2 MUTE	Mutes the sound.
3 MODE	• Operates FM1 ▶ FM2 ▶ AM ▶ Available Media (USB Music/USB Video/ iPod®/Bluetooth® Audio). • If the media is not connected, corresponding modes will be disabled. • Press and hold the key to turn the Audio system on/off. • When power is off, press the key to turn power back on.

Button	Description
4 ∧ ∨	**When keys are pressed shortly.** • FM/AM mode: scans and receives the previous/next frequency. • Media mode: changes the track, file or chapter. **When keys are pressed and held.** • In FM/AM mode: changes frequencies while pressed. Upon release, scans and receives the next frequency. • Media mode: rewinds or fast forwards the track or file.
5 📞	**When pressed shortly.** • When pressed in the phone screen, displays the last call. • When pressed in the dial screen, makes a call. • When pressed in the incoming call screen, answers the call. • When pressed during single call, switches call back to mobile phone (Private). • When pressed during 3way call, swap call. • When pressed twice, redials the last call. **When pressed and held.** • When pressed during a Bluetooth® Handsfree call, switches call back to mobile phone (Private). • When pressed while calling on the mobile phone, switches call back to Bluetooth® Handsfree (Operates only when Bluetooth® Handsfree is connected). • When pressed, redials the last call.
6 📞	• When pressed during a call, ends the phone call. • When pressed in the incoming call screen, rejects the call.

FM/AM

Basic Screen

Button	Description
[1] Home	Moves to the home screen.
[2] Mode Tab	Press the tab to change mode.
[3] Back	Moves to the previous screen.
[4] Preset	Displays saved presets.
[5] Frequency	Displays the current frequency.
[6] Preset No.	Displays the current preset number.
[7] Seek down	Single tap: seek down. Long tap: fast seek down.
[8] Tune down	Single tap : tune down. Long tap: tune down until the button is released and plays the current frequency.
[9] Scan	Plays frequencies with superior reception for 3 seconds each.
[10] Autostore	Saves frequencies with superior reception to Preset list.

FM/AM

Listening to FM/AM radio

Press the `FM/AM` key to change the mode in order of FM1 ▶ FM2 ▶ AM ▶ FM1 .
Or Press the `⌂/🔊` key ▶ Press the `Radio` button ▶ Press FM or AM tab.

Auto tuning

Press the `◀` `▶` button to automatically search for frequencies.

Manual tuning

Turn the TUNE / ENTER knob or press the `◀` `▶` button to manually select the frequency. The stations move up and down step by step. Press or drag the frequency bar to search for frequencies that you want.

Selecting preset lists

From the lists, select the frequency you want to listen to.

Scan

Press the `Scan` button to save frequencis
Plays frequencies saved to presets for 3 seconds and moves to the next saved frequency.

Autostore

Press the `Autostore` button to save frequencis with superior reception.

USB Music

Playing USB Music

Once a USB is connected, USB Music mode will operate automatically.
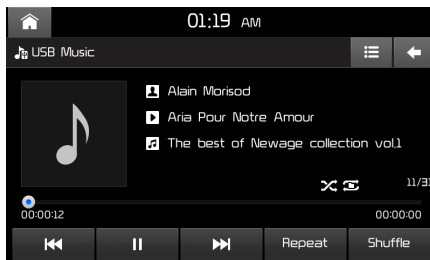
Press the 🔊/🎵 key ▶ Press the Media button ▶ Press the USB Music button.

- Press the ▶ button to play files.
- Press the ‖ button to pause the file.

NOTE

- If the USB is not connected, or there is no media file in USB then the USB media button will be disabled.

Searching USB Music Files

While playing ▶ Press the ⏮ ⏭ button to play the previous/next file.

- Pressing and holding the ⏮ ⏭ button will rewind or fast forward the current file.
- While the ⏮ ⏭ button is being pressed, the track will rewind or fast-forward at high speeds. Once the key is released, the USB Music will begin playing at normal speed.

Repeat

Press the Repeat button.
Each time the button is pressed, the option is changed from Repeat Folder( ) ▶ Repeat One( ) ▶Off(Repeat All( )).
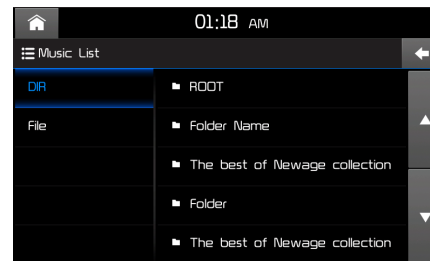
Shuffle

Press the Shuffle button.
Each time the button is pressed, the option is changed from Shuffle All( ) ▶ Shuffle Folder ( ) ▶ Off( ).

List

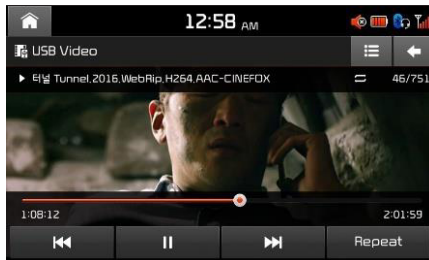Press the button to display USB Music list screen.

Playing USB Video

Once a USB is connected, USB Video mode will operate automatically.

Press the ⏏/🔑 key ▶ Press the Media button ▶ Press USB Video button.

- Press the ▶ button to play files.
- Press the ‖ button to pause the file.

NOTE

- If the USB is not connected, or there is no media file in USB then the USB media button will be disabled.

Searching USB Video Files

While playing ▶ Press the ◄◄ ►► button to play the previous/next file.

- Pressing and holding the ◄◄ ►► button will rewind or fast forward the current file.
- While the ◄◄ ►► button is being pressed, the track will rewind or fast-forward at high speeds. Once the key is released, the USB Video will begin playing at normal speed.

Repeat

Press the Repeat button.
Each time the button is pressed, the option is changed from Repeat Folder(🔁) ▶ Repeat One(🔁) ▶Off(Repeat All(🔁)).

Shuffle

Press the Shuffle button.
Each time the button is pressed, the option is changed from Shuffle All(🔀) ▶ Shuffle Folder (🔀) ▶ Off(🔀) .

List

Press the MENU button ▶ Press the List button to display USB Video list screen.

iPod® Music

ENGLISH
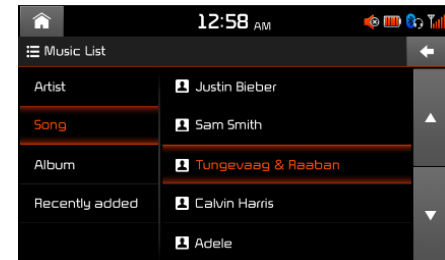
Playing iPod® Music

Once a iPod® is connected, iPod® Music mode will operate automatically.

Press the [⬆/🎵] key ▶ Press the [Media] button ▶ Press [iPod Music] button.
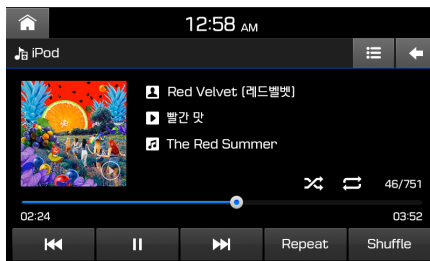
- Press the [▶] button to play files.
- Press the [II] button to pause the file.
-

NOTE

- If the iPod® is not connected, or there is no media file in iPod® then the iPod® Music button will be disabled.

Searching iPod® Music Files

While playing ▶ Press the [◀◀] [▶▶] button to play the previous/next file.

- Pressing and holding the [◀◀] [▶▶] button will rewind or fast forward the current file.
- While the [◀◀] [▶▶] button is being pressed, the track will rewind or fast-forward at high speeds. Once the key is released, the USB Music will begin playing at normal speed.

Repeat

Press the [Repeat] button.
Each time the button is pressed, the option is changed from Repeat Folder(🔁) ▶ Repeat One(🔂) ▶ Off(Repeat All(🔁)).

Shuffle

Press the [Shuffle] button.
Each time the button is pressed, the option is changed from Shuffle All(🔀) ▶ Shuffle Folder (🔀) ▶ Off(🔀).

List

Press the [☰] button to set List and options menus.
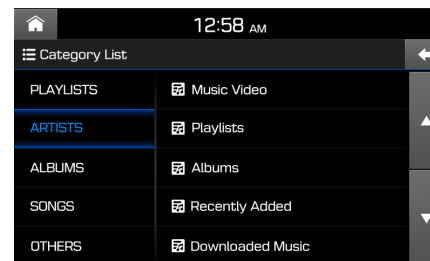
Bluetooth® Audio

Playing Bluetooth® audio

Press the ⬡/🎚 key ▶ Press the Media button ▶ Press the BT Audio button.
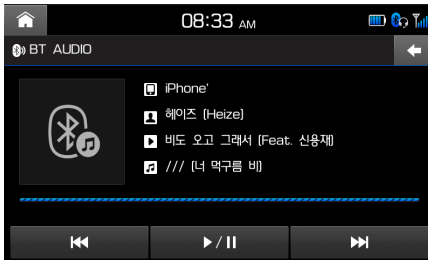
- Press the ▶/II button to play/pause files.

Searching Bluetooth® audio Files

While playing ▶ Press the ⏮ ⏭ button to play the previous/next file.

Bluetooth® Connection

When no Phones Have Been Paired

Press the ⎍ key on the steering wheel or press the PHONE key ▶ Press the Add New button.

```
        04:09 AM
⚙ Bluetooth connection          ←

        No devices paired.
Press [Add new] to pair a new Bluetooth device.

            Add New
```

```
        04:0?
⚙ Bluetoo             ←
        Add new device
    Vehicle name: MOTREX(d2:b0)
        Passkey: 0000
   Search for the car name in your Bluetooth
      device and confirm pairing
            Cancel
Pr                              ce.
            Add New
```
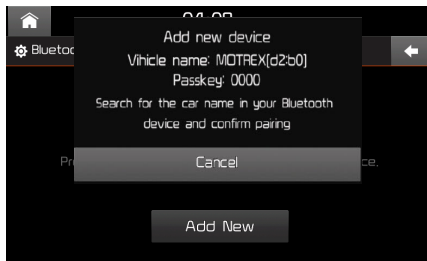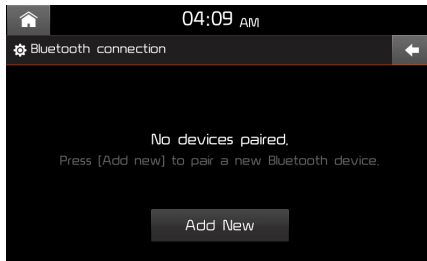
When searching from the Bluetooth® device, the car name is 'Hyundai Motors' and the default passkey is '0000'.

When a Phone is Already Paired

Press the ⎍ key on the steering wheel or press the PHONE key ▶ Press the Connect button.

```
        04:57 AM
⚙ Bluetooth connection          ←

  MANA의 iPhone      ☏ ▢  Connect   ▲

                                 ▼

  Add New    Delete items    Delete
```
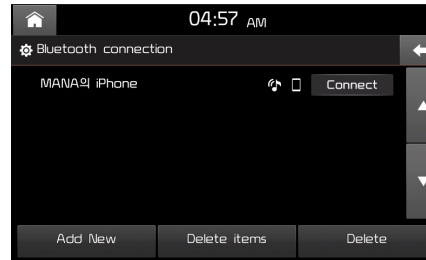
NOTE

• When a Bluetooth® device is connected, a new device cannot be paired. If you want to pair a new phone, first disconnect the connected Bluetooth® device.

When your phone is connected

Press the ⎍ key on the steering wheel or press the PHONE key on the head unit to display the following screen.

```
        08:37 AM      ▭ 🔵 📶
Dial  Call History  Contacts     ←
Enter phone number   1    2    3
                         ABC  DEF
                     4    5    6
                     GHI  JKL  MNO
                     7    8    9
                     PQRS TUV  WXYZ
     iPhone'         *    0    #
                          +
                     📞   ⚙   ⌫
```
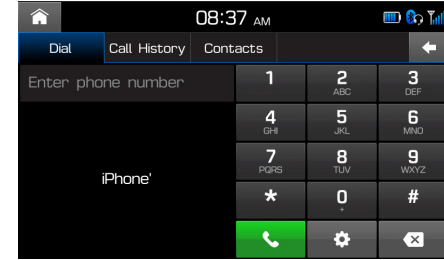
Making/Answering Calls

Calling by Dialing a Number

Enter number on the Dial Pad ▶ Press the ⬛ button or the key ⬛ on the steering wheel.
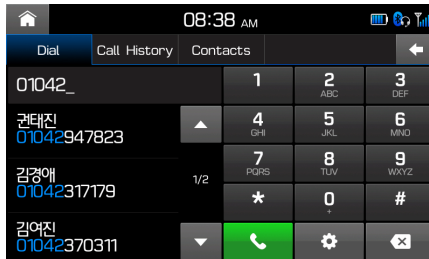
NOTE

• If you press the wrong number, press ⬛ to delete one digit of the entered number. Press and hold the dial pad 0 "+" to enter a "+".

Answering a Call

Incoming call notice ▶ Press the Accept button or the ⬛ key on the steering wheel.
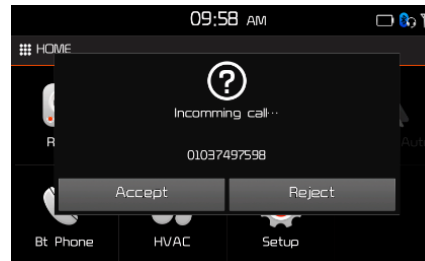
Rejecting a Call

Incoming call notice ▶ Press the Reject button or the ⬛ key on the steering wheel.

Operating Menus during a Call
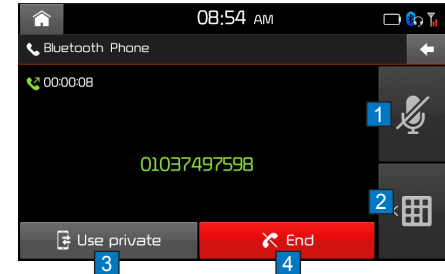
Button	Description
1	Turns the Mic On/Off.
2	Display dial pad screen for entering ARS numbers.
3	Switches a voice call from the car handsfree to the mobile phone.
4	Ends a call.

Ending a Call

While on a call ▶ Press the End button or the ⬛ key on the steering wheel.

Bluetooth® Phone

Switching Call to Bluetooth® Phone

During handsfree call ▶ Press the Use Private button or press and hold the 📞 key on the steering wheel.
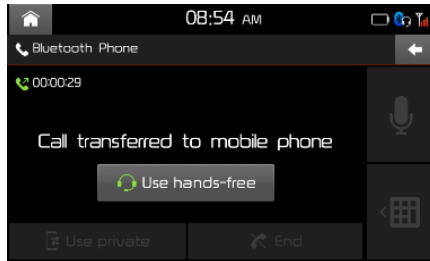
Switching Call to Handsfree

During call on mobile phone ▶ Press the Use hands-free button button or press and hold the 📞 key on the steering wheel.

Contacts

In Phone screen ▶ Press the Contacts tab.

Updating Mobile Phone Contacts

Up to 5,000 mobile phone contacts can be updated.

In Contacts screen ▶ Press the button.
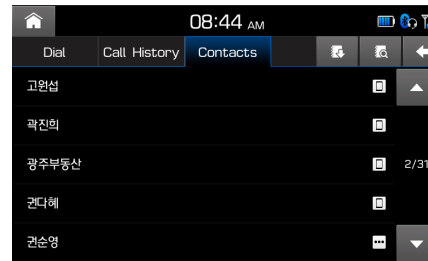
Making a call from contacts

In Contacts screen ▶ Press the contact you want to call.

Searching for contacts

In Contacts screen ▶ Press the button ▶ Enter the name or number ▶ Press the button ▶ Press the contact you want to call.

17
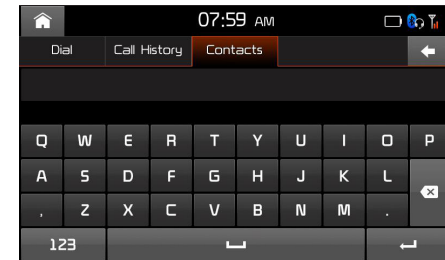
Call History

Viewing Call History

In Phone screen ▶ Press the **Call History** tab.
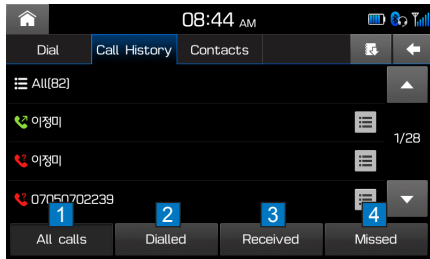
Button	Description
1 All Calls	Displays all calling list.
2 Dialed	Displays the outgoing calling list.
3 Received	Displays the incoming calling list.
4 Missed	Displays the missed calling list.

NOTE

• To download or update the call history, press the ▣ button.

Bluetooth® settings

In Phone screen ▶ Press the ⚙ button.
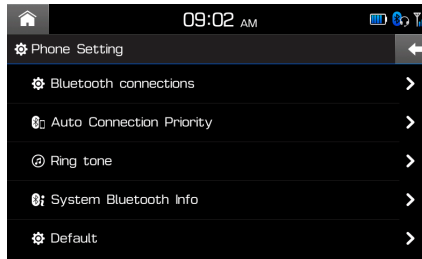
Android Auto™

About Android Auto™

Android Auto™ brings the most useful apps from your phone to your vehicle´s screen, optimized for easy glancing and control while driving. You will be able to control things like navigation, maps, calls, text messages, and music, all from your vehicle´s screen.

To learn about Android Auto™ and its features, visit the Android website at http://www.android.com/auto/

What you need?

1. An Android phone running Android 5.0 (Lollipop) or higher with a data plan.
2. A vehicle that's compatible with Android Auto™.
3. A genuine USB cable.

Before starting Android Auto™

Installing the Android Auto™ Application

Install Android Auto™ Application by following below procedure.

Setting the system

Before connecting your mobile phone, check whether Android Auto™ is set to be used in Setup ▶ Phone Projection ▶ Projection Mode . Check the CarPlay / Android Auto box.

Starting mode

Connect your phone to your car using a USB cable ▶ Press the 🔲 key ▶ Press the Android Auto button.
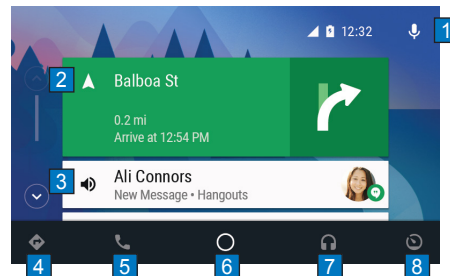
Home Screen

No	Description
1	Microphone
2	Navigation suggestions and recent places
3	Reminders, messages, calls, and other alerts
4	Maps and navigation
5	Calls and messages
6	Home screen
7	Music and audio
8	Exit Android Auto

Apple CarPlay

About Apple CarPlay

• CarPlay puts key iPhone apps - the ones you want to use while driving - on your vehicle's built-in display. With CarPlay, you can get turn-by-turn directions, make phone calls, exchange text messages, listen to music, and more. Apple CarPlay is available on select automobiles navigation systems, and works with iPhone 5 or higher with iOS 7.1 or higher.

• You can operate CarPlay using your vehicle's built-in controls - a touchscreen, a rotary knob controller, or both. To learn how to operate your display, refer to the user guide that came with your vehicle. Or just use Siri voice control to tell CarPlay what you want. In fact, Siri often steps in automatically to help you, depending on the app you're using.

• For more information & troubleshooting, refer to the iPhone manual or visit the Apple website.

What you need?

1. An iPhone5 or higher.
2. A car that's compatible with iPhone.
3. A Genuine USB cable from Apple.

Before starting Apple CarPlay

Setting Siri on the iPhone

Siri must be enabled on your iPhone. If Siri is turned off, a notice will be displayed.
Go to Settings ▶ General ▶ Siri ▶ Turn on Siri.

Setting the system

Before connecting your mobile phone, check whether Apple CarPlay is set to be used in Setup ▶ Phone Projection ▶ Projection Mode .
Check the CarPlay / Android Auto box.

Starting mode

Connect your phone to your car using a USB cable. The CarPlay Home screen will be displayed automatically.

When in a different mode, Press the ⌂/ key ▶ Press the Android Auto button.
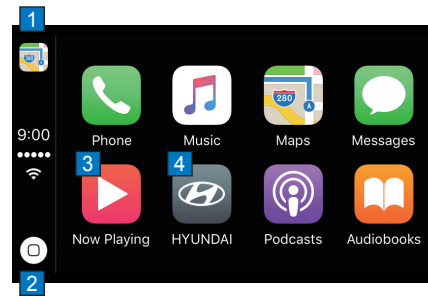
Home Screen

No	Description
1	Return to a call, or to turn-by-turn directions
2	Home button
3	View current audio source
4	Return to your car's Home screen

Setup

Starting mode

Press the SETUP key to display the Setup screen.
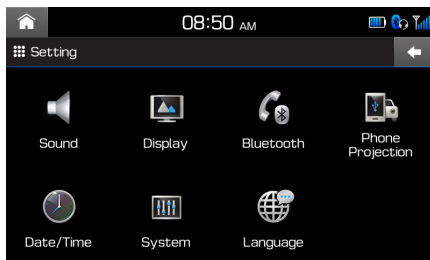
Sound

This menu is used to adjust the sound effects for the whole system.
Press the SETUP key ▶ Press the Sound button.
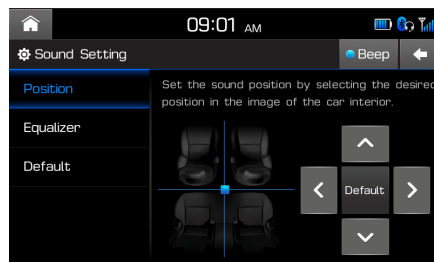
Beep

This menu allows you to play a beep sound whenever you operate the touch screen.
In Sound settings screen ▶ Press the Beep to turn on/off.

Display

This menu allows you to adjust the brightness and set the dimming mode for the whole system.
Press the SETUP key ▶ Press the Display .
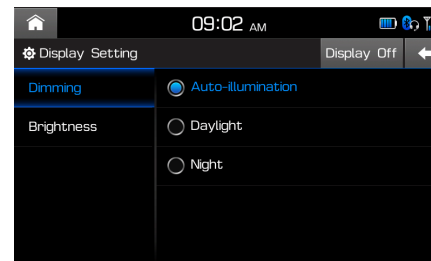
Display Off

This menu allows you to play a beep sound whenever you operate the touch screen.
In Sound settings screen ▶ Press the Display Off to turn on/off.

Bluetooth®

This menu allow you to set Bluetooth® settings.
Press the SETUP key ▶ Press the Bluetooth .

🏠	09:02 AM 📶
⚙ Phone Setting	←
⚙ Bluetooth connections	❯
🔧 Auto Connection Priority	❯
@ Ring tone	❯
🔧 System Bluetooth Info	❯
⚙ Default	❯
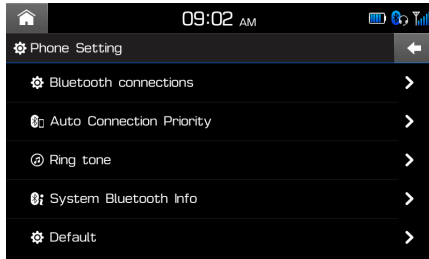
Phone Projection

This menu allows you to set the car connectivity of your system.

Press the SETUP key ▶ Press the Phone Projection button.

🏠	09:02 AM 📶
⚙ Phone Projection	←
Projection Mode	🔵 Weblink
iOS	⭕ CarPlay / Android Auto
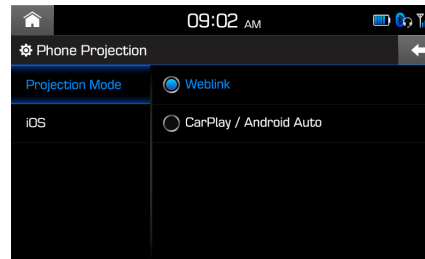
Date and Time

Press the SETUP key ▶ Press the Date/Time button.

🏠	09:02 AM 📶
⚙ Date/Time	←
🔵 12Hr ⭕ 24Hr	

Day	Month	Year		Hour	min	
∧	∧	∧		∧	∧	∧
01	01	2017		09	02	AM
∨	∨	∨		∨	∨	∨

OK
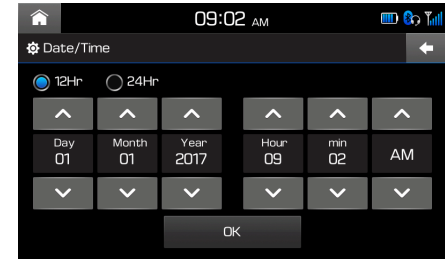
Setup

System

This menu allows you to view system information and reset settings specified by the user.
Press the SETUP key ▶ Press the System button.
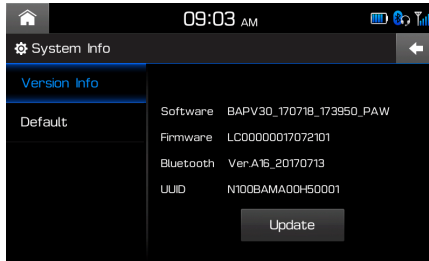
Language

This menu allows you to set the language of the system.
Press the SETUP key ▶ Press the Language button.
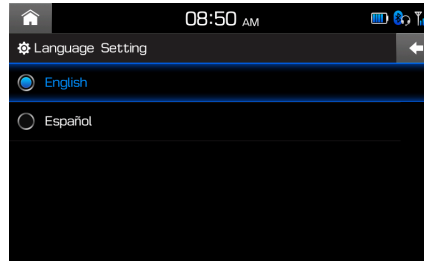
Specification

USB MP3 Specification

Category	Description
MP3 File Specification	Response Specification: MPEG1 AUDIO LAYER3
Recommended Bitrate and Sampling Frequency	Response Sampling Frequency : 32, 44.1, 48 (KHz)
	Response Bitrate: 32, 40, 48, 56, 64, 80, 96, 112, 128, 160, 192 ,224 ,256 ,320 (Kbps)
ID3 TAG	ID3 v1.1 and ID3 v2.x TAG
Detailed Specification	• Max Directory Layers: 15 layers • Max length of folder names and file names: 255Bytes • Characters supported for folder/file names: English, Español and numbers • Max number of files recognized from one USB device: 5000

Video and Image Specification

Category	Description
File Format	AVI(DivX), MPEG
Image Format	jpg, gif, bmp, png
Extensions	avi, divx, mpg, mpeg, mp4, wmv
Supported Image Resolution	Max 4000x3000
Supported Image File Size	Max 4 Mbytes
Supported image zoom in/out	Max 300%
Video Codec	MPEG4-ASP, MPEG4-AVC(H.264), AVS, VP8
Video Resolution	1920 x 1080 (WMV 9: Max 8Mbps, 1280x720, WMV 8: 640x480)
Audio Codec	MP3, OGG, WMA … (AC3 not Support)
Subtitles	SMI
Unsupported files	• Files not compatible with supported specifications • Modified files (files with modified file formats) • Transformed files (example: AVI files encoded with WMV video codec) • Files without indexes

Specification

TFT-LCD

Screen Size	7 inch (154.08 x 85.92 mm)
Resolution	384,000 pixels (Resolution : 800 x 480)
Operating Method	TFT (Thin Film Tansistor) Active Matrix
Viewing Angle	Left/Right, Top/Bottom: (60°, 60°, 60°, 40°)
Internal Lighting	LED

Radio

Channels	FM: 87.5MHz ~ 107.9MHz(Step: 100MHz)
	AM:530 kHz ~ 1710kHz(Step: 10kHz)
Sensitivity	FM : Under 10 dBuV / AM: Under 35dBu EMF
Distortion Factor	Within 2%

Bluetooth Wireless Technology

Frequency Range :	2402 ~ 2480 Mhz
Supported Bluetooth	jpg, gif, bmp, png
Specification :	2.1+EDR
Supported Profile :	HFP (1.5) , A2DP (1.3) , AVRCP (1.4) , PBAP(1.0)
Bluetooth Power	Class2

Common

Power Supply	DC 14.4V	Operating Power	
Sleep Current	1mA or less (after 96 hours with ACC OFF)		
	10mA or less (before 96 hours with ACC OFF)		
Operating Temperature	-20 ~ +70 ℃ (-4 ~ +158℉)	Storage Temperature	-30 ~ +80 ℃ (-22 ~ +176℉)
Dimension	254 x 127 x 199.5 mm		
Current Consumption	10A	Weight	2.1 Kg

Trouble shooting

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 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 dealer for assistance.
Sound is working from only one speaker	Are the positions of Fader or Balance sound controls adjusted to only one side?
The external device is not working	Is the external device connected with a standard connector cable?
When 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.

Trouble shooting

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 service center.
	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 service center.
The image colour/ tone quality is low.	The brightness, and contrast levels are not set properly.	Properly adjust the brightness, and contrast levels through Display Setup.
Sound does not work.	The volume level is set to the lowest level.	Adjust the volume level.
	The connection is not proper.	Check to see that the device has been properly connected.
	The device is currently fast-forwarding, rewinding, scanning, or playing in slow mode.	The sound will not work when the device is fast-forwarding, rewinding, scanning, or playing in slow mode.

Trouble shooting

Problem	Possible Cause	Countermeasure
The sound or image quality is low.	Vibration is occurring from where the conversion switch has been installed.	The sound may be short circuited and the image distorted if the device vibrates.
	Image colour/tone quality is low.	The device will return to normal once vibrations stop.
The USB does not work	USB memory is damaged.	Please use after formatting the USB into FAT 12/16/32 format.
	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.	Use standard USB Memory.
	There are no music files which can be played.	Only MP3, WMA file formats are supported. Please use only the supported music file formats.
The iPod® is not recognised 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.	Use iTunes to update the firmware version and reconnect the iPod® with the device.
	The iPod® device does not recognise downloads.	Reset the iPod® and reconnect with the device.

Limited Warranty

LIMITED WARRANTY
ORIGINAL HEAD UNIT SUPPLIED BY VEHICLE DEALER

Product :
Product No. :

WHAT THIS WARRANTY COVERS

1. Vehicle Dealer Shop ("Dealer") warrants to you that the Hardware will be free from defects in workmanship and materials under Normal use ("Defects") from the original date of the registration of the motor vehicle ("Warranty Period"). During the Warranty Period the Hardware will be repaired or replaced at DEALER's choice ("Limited Warranty") without charge to you for either parts or labor. This Limited Warranty covers the replacement of the head unit including of the Hardware only.

Period Warranty	Mileage Warranty
3years	60,000 Km
*Whichever Occurs earlier.	

*The term of the warranty shall commence from the date of delivery of the new vehicle to the first purchaser.

WHAT THIS WARRANTY DOES NOT COVER

2. The Limited Warranty does not apply to normal wear and tear, does not apply when the Hardware is opened or repaired by someone liquids, proximity or exposure to heat and accident, abuse, non-compliance with the instructions supplied with the Hardware, neglect or misapplication. The Limited Warranty does not cover physical damage to the surface of the Hardware. This Limited Warranty does not cover any software that may accompany or be installed on the Hardware.
The Limited Warranty does not cover the installation, removal or maintenance of the Hardware or any costs related herewith.

HOW TO MAKE A WARRANTY CLAIM

3. In order to make a claim of a Defect, you must contact DEALER. If a defect arises and a valid claim under this Limited Warranty is received by DEALER after the first 3yrs/60,000 km of the Warranty Period, DEALER is entitled to charge you for any reasonable shipping and handling costs made in connection with the repair or replacement of the Hardware. You must comply with any other return procedures stipulated by DEALER, if any.

Limited Warranty

DEALER LIMITED WARRANTY

YOUR LEGAL RIGHTS

4. Some countries may not allow the exclusion or limitation of damages. If any part of this Limited Warranty is held to be invalid or unenforceable, the remainder of the Limited Warranty shall nonetheless remain in full force and effect.

5. This Limited Warranty is the only express warranty made to you and is provided in place of any other express warranties or similar obligations (if any) created by any advertising, documentation, packaging, or other communications.

6. Except for the Limited Warranty and to the maximum extent permitted by applicable law, DEALER and its suppliers provide the Hardware "AS IS AND WITH ALL FAULTS", and hereby disclaim all other warranties and conditions, whether express, implied or statutory, including, but not limited to, any (if any) implied warranties, duties or conditions of satisfactory quality, of fitness for a particular purpose, of reliability or availability, of accuracy or completeness of responses, of results, of workmanlike effort, of lack of viruses, and of reasonable care and skill, all with regard to the Hardware, and the provision of or failure to provide support or other services, information, software, and related content through the Hardware or otherwise arising out of the use of the Hardware. Also, there is no warranty or condition of quiet enjoyment, quiet possession, or non-infringement with regard to the Hardware.

7. This Limited Warranty does not affect any legal rights under applicable national legislation governing the sale of consumer goods.

8. This Limited Warranty cannot be transferred to any other person.

LIMITATION OF LIABILITY

9. Neither DEALER nor its suppliers shall be liable to you or to any third party for any damages either direct, indirect, incidental, consequential or otherwise (including in each case, but not limited to, damages for the inability to use the equipment or access data, loss of data, loss of business, loss of profits, business interruption or the like) arising out of the use of or inability to use the Hardware even if DEALER has been advised of the possibility of such damages.

10. Notwithstanding any damages that you might incur for any reason whatsoever, the entire liability of DEALER and any of its suppliers shall be limited to the amount actually paid by you for the Hardware.

11. DEALER shall not be liable for
    (I) any fraud on the part of its employees and/or agents; or
    (II) any fraudulent misrepresentation on the part of its employees and/or agents.

12. Notwithstanding the above, neither party's liability for death or personal injury resulting from its own negligence shall be limited.

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

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.

Caution: Any changes or modifications to this device not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

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.