

Smart Display (MTXNC10EU)

USER'S MANUAL

SOLATI

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.



Table of Contents

Precautions for safety

Safety notes	5
--------------------	---

Key Product Features

Key Product Features	6
----------------------------	---

Component Names and Functions

Head Unit	7
Steering Wheel	9

Using the System for the First Time

Turning the System On/Off	10
Turning the System ON	10
Turning the System Off	10
Resetting the System	10
Home Screen	11

FM/AM

Basic Screen	12
Listening to FM/AM radio	13
Auto Tuning	13
Manual Tuning	13
Selecting preset lists	13

Scan	13
Autostore	13
Sound Settings	13

USB

About USB	14
-----------------	----

USB Music

Playing USB Music	15
Searching USB Music Files	15
Repeat	15
Shuffle	15
List	15
Sound Settings	15

USB Video

Playing USB Video	16
Searching USB Video Files	16
Repeat	16
List	16
Sound Settings	16
Display Settings	16

iPod® Music

About iPod®	17
Playing iPod® Music	18
Searching iPod® Music Files	18
Repeat	18
Shuffle	18
List	18
Sound Settings	18

AUX

Playing an AUX source	19
Using the Menu Buttons	19

Bluetooth® Audio

Before playing the Bluetooth® audio	20
Playing Bluetooth® audio	20
Searching Bluetooth® audio Files	20
Connection Settings	20
Sound Settings	20

Bluetooth® Wireless Technology

Before Using the Bluetooth® Handsfree	21
What is Bluetooth® Wireless Technology?	21

Table of Contents

Precautions for Safe Driving	21	Bluetooth settings	25	Before Using WebLink	28
Cautions upon Connecting Bluetooth® Phone	21			Installing the WebLink Application	28
Bluetooth® Connection		Android Auto™		Setting the system	28
When no Phones Have Been Paired	22	About Android Auto™	26	Starting Mode	29
When a Phone is Already Paired	22	What you need?	26	Home Screen	29
When your phone is connected	22	Before starting Android Auto™	26		
		Installing the Android Auto™ Application	26	Setup	
		Setting the system	26	Starting Mode	30
Bluetooth® Phone		Starting mode	26	Sound	30
Making/Answering Calls	23	Home Screen	26	Position	30
Calling by Dialing a Number	23			Equalizer	30
Answering a Call	23	Apple CarPlay		Priority	31
Switching to Call Waiting	23	About Apple CarPlay	27	Resetting Sound Settings	31
Operating Menus during a Call	24	What you need?	27	Beep	31
Ending a Call	24	Before starting Apple CarPlay	27	Display	31
Switching Call to Bluetooth® Phone	24	Setting Siri on the iPhone	27	Dimming	32
Switching Call to Handsfree	24	Setting the system	27	Brightness	32
Contacts	24	Starting mode	27	Resetting Display Settings	32
Downloading Contacts	24	Home Screen	27	Display Off	32
Making a Call from Contacts	25			Bluetooth®	33
Searching for Contacts	25	WebLink		Bluetooth® Connections	33
Call History	25	About WebLink	28	Auto Connection Priority	33
Viewing Call History	25	What you need?	28	System Bluetooth® Info	34



Table of Contents

Resetting Bluetooth® Settings 34

Connectivity 35

Date and Time 35

System 36

 System Update 36

 Resetting the System 36

Specification

USB MP3 Specification 37

Video and Image Specification 37

 TFT-LCD 38

 Radio 38

 Bluetooth® Wireless Technology 38

 Common 38

Trouble shooting

Trouble shooting 39

Limited Warranty

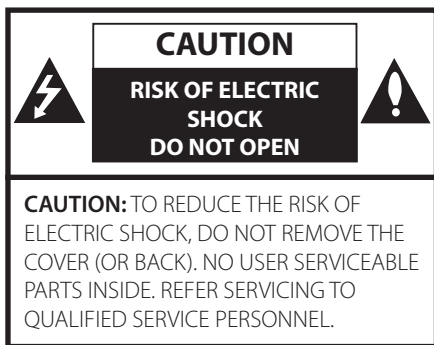
Limited Warranty 42

FCC Warning

FCC Warning 44

Precautions for safety

Safety notes



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 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.

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 12 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.
	WebLink The WebLink Host app turns your vehicle into a connected car by letting you easily enjoy your favorite apps on the go. Once you've downloaded the app, simply use your smartphone to connect to your car's WebLink-compatible multimedia receiver, and then launch popular navigation, media, weather, and even calendar apps.

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.



DC Symbol



DC 12V



Speaker 4Ω



Fuse 10A



-Minus Ground

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 RADIO	- Operates FM/AM mode. - Each time the key is pressed, mode is changed in order of FM1 ► FM2 ► AM ► FM1.

Name	Description
3 PHONE	Display the Phone screen.
4 SEEK / TRACK	When the SEEK , TRACK keys are pressed shortly. - In FM/AM mode, searches broadcast frequencies and channels. - In Media mode, changes the track, file or chapter. When the SEEK , TRACK keys are pressed and held. - FM/AM mode : automatically searches broadcast frequencies and channels. Once released, searches and begins playing the next broadcast frequency. - Media mode: rewinds or fast forwards the track or file(except AUX).

Component Names and Functions

Head Unit



Name	Description
5 Reset	Resets the system.
6 	• 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)

Name	Description
7 MEDIA	• Operates available media (USB, iPod®, Bluetooth® Audio, AUX). • If the media is not connected, corresponding modes will be disabled.
8 DISP	Turns off the screen.
9 SETUP	Displays the Setup mode.
10 Tune / ENTER Knob	• FM/AM mode : changes the frequency. • MEDIA (USB/iPod®) mode : changes the track, file or title. (except AUX)

Component Names and Functions

Steering Wheel



Button	Description
1 + VOL -	Controls the volume.
2	Mutes the sound.
3 	When keys are pressed shortly. - FM/AM mode: plays previous/next preset channel if it is saved. - 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.

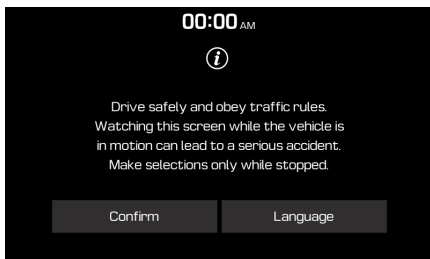
Button	Description
4	- In Apply CarPlay mode, operates Siri. - In Android Auto mode, operates Google Voice.
5 MODE	- Operates FM ► AM ► Available Media (USB Music/USB Video/iPod/Bluetooth Audio/AUX/Android Auto/Apple CarPlay). - If the media is not connected, corresponding modes will be disabled. - Press and hold the key to turn the Audio system on/off. - When power is off, press the key to turn power back on.
6	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 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.
7	- When pressed during a call, ends the phone call. - When pressed in the incoming call screen, rejects the call.

Using the System for the First Time

Turning the System On/Off

Turning the System On

Press the engine start button. If the brakes are not pressed, then the ACC and system will turn on. If the brakes are pressed, then the IGN and system will turn on and the ignition will start. In both instances, the following safety warning will be displayed.



Pressing the PWR key on the head unit will display the safety warning page. Press the [Confirm] button to display the most recent mode.

Turning the System Off

Press the engine start button again or press and hold the power key on the head unit to turn the system off.

NOTE

- If the system is turned off while the Handsfree is being used, then the call will automatically switch back to the mobile phone.

AV On/Off

Press the PWR key on the head unit when the AV is on. Press the PWR key or press the menu key to turn on AV.

While AV is turned off, the **SEEK** and **TRACK** buttons and the TUNE / ENTER knob will be disabled.

Resetting the System

This feature is used to reset the system in the occurrence of an unforeseen error or problem.

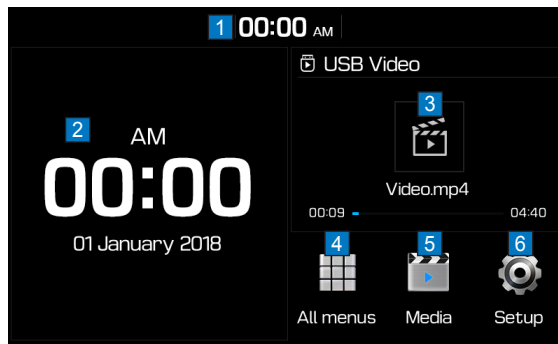


Press the reset hole using a clip or pin.

Using the System for the First Time

Home Screen

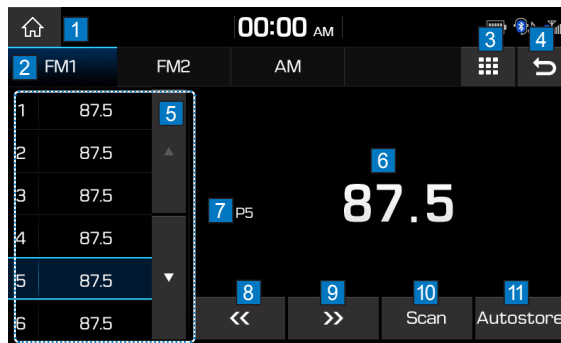
Press  ► Press the menu button you want to use.



Name	Description
1 Time bar	- Displays the current time. - Touch the area to move to the date/time settings screen.
2 Time widget	- Displays the current time and date. - Touch the area to move to the date/time settings screen.

Name	Description
3 AV widget	- Displays brief information of radio or media currently playing. - Touch the area to move to the media screen currently playing.
4 All Menus	Shows all of the items in the system menu.
5 Media	Display the media screen.
6 Setup	Moves to the setting screen.

Basic Screen



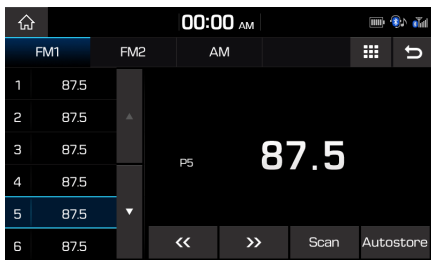
Name	Description
1 Home	Moves to the home screen.
2 Mode Tab	Press the tab to change mode.
3 Menu	Displays the Sound Settings menu.
4 Back	Moves to the previous screen.
5 Preset	Displays saved presets.
6 Frequency	Displays the current frequency.
7 Preset No.	Displays the current preset number.

Name	Description
8 Seek down	Single tap: seek down. Long tap: fast seek down.
9 Seek up	Single tap: seek up. Long tap: fast seek up
10 Scan	Plays frequencies with superior reception for 5 seconds each.
11 Autostore	Saves frequencies with superior reception to Preset list.

FM/AM

Listening to FM/AM radio

Press the **RADIO** key to change the mode in order of FM1 ► FM2 ► AM ► FM1 .



Auto Tuning

Press the **<<** **>>** button to automatically search for frequencies.

Manual Tuning

Turn the TUNE / ENTER knob to manually select the frequency.

The stations move up and down step by step.

Selecting preset lists

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

Scan

Press the [Scan] button to save frequencies. Plays frequencies saved to presets for 5 seconds and moves to the next saved frequency.

Autostore

Press the [Autostore] button to save frequencies with superior reception.

Sound Settings

Press **⌵** ► [Sound Settings].

For details, refer to the "Sound" on the page 30.

About USB

Connect the USB device after turning on the engine. The USB device may become damaged if it is already connected when the ignition is turned on.

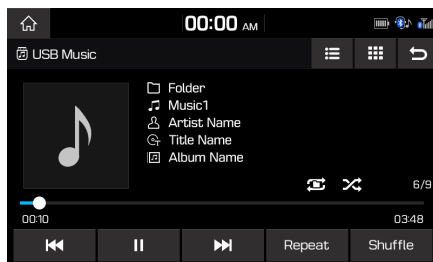
- Files that are not standard format files will not be played.
- For MP3 files, only music files with compression rates CBR (32Kbps~320Kbps), VBR (48Kbps~288Kbps) can be played.
- Heed caution to static electricity when connecting/disconnecting external USB devices.
- Encoded MP3 Players will not be recognized when connected as an external device.
- When connecting an external USB device, the device may not properly recognize the USB in some states.
- Only USB devices formatted as FAT 32 are supported, and NTFS/exFAT file system are not supported.
- Some USB devices may not be supported due to compatibility issues.
- Avoid contact between the USB connector with bodily parts/foreign objects.
- Repeated connecting/disconnecting of USB devices within short periods of time may result in product malfunction.
- Insert USB device after starting the car. If the car is started while USB device is inserted, it may damage USB device.
- The amount of time required to recognize the external USB device may differ depending on the type, size, or file formats stored on the USB. Such differences in required time are not indications of malfunction.
- The device may not recognize the USB device if separately purchased USB hubs and extension cables are being used. Connect the USB directly with the multimedia terminal of the vehicle.
- When application programs are installed to specific USBs, files may not properly play.
- The device may not operate normally if MP3 Players, cellular phones, digital cameras, or other electronic devices (USB devices not recognized as portable disk drives) are connected with the device.
- Charging through the USB may not work for some mobile devices.
- The device may not support normal operation when using a USB memory type besides Metal Cover Type USB Memory.
- The device may not support normal operation when using formats such as HDD Type, CF, or SD Memory.
- The device will not support files locked by DRM (Digital Rights Management).
- USB memory sticks used by connecting an Adaptor (SD Type or CF Type) may not be properly recognized.

USB Music

Playing USB Music

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

Press   ► [Media] ► [USB Music].



- 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  ,  key or the   button to play the previous/next file.

- Pressing and holding  ,  key or the   button will rewind or fast forward the current file.
- While the  ,  key or 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 [Repeat].

Each time the button is pressed, the option is changed from Repeat Folder () ► Repeat All () ► Repeat One ().

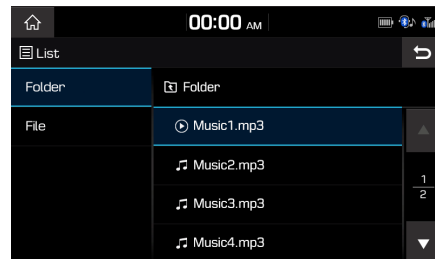
Shuffle

Press [Shuffle].

Each time the button is pressed, the option is changed from Shuffle On () ► Off.

List

Press  to display USB Music list screen.



It is possible to search files by touching the screen.

Sound Settings

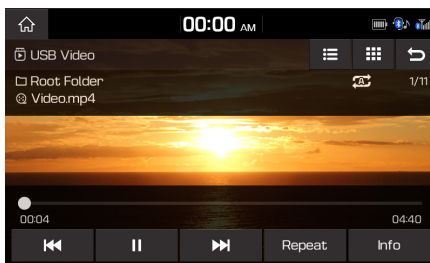
Press  ► [Sound Settings].

For details, refer to the "Sound" on the page 30.

Playing USB Video

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

Press  ► [Media] ► [USB Video].



- 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 ,  key or the   button to play the previous/next file.

- Pressing and holding ,  key or the   button will rewind or fast forward the current file.
- While the ,  key or 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 [Repeat].

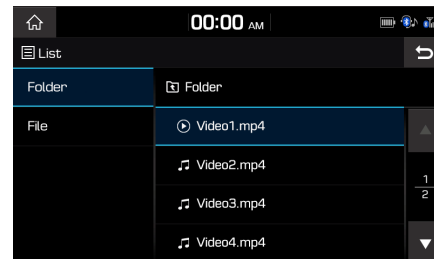
Each time the button is pressed, the option is changed from Repeat Folder () ► Repeat All () ► Repeat One ().

NOTE

- Press the [Info] button to display the file information.

List

Press  to display USB Video list screen.



It is possible to search files by touching the screen.

Sound Settings

Press  ► [Sound Settings].

For details, refer to the "Sound" on the page 30.

Display Settings

Press  ► [Display Settings].

For details, refer to the "Display" on the page 31.

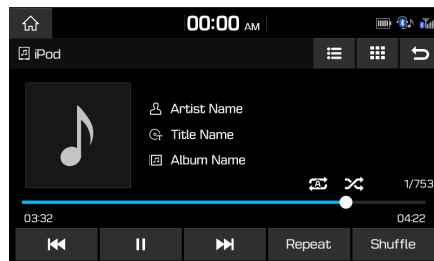
About iPod®

iPod® is a registered trademark of Apple Inc.

- Some iPods with unsupported communication protocols may not properly operate with the system.
 - If the iPod® malfunctions due to an iPod® device defect, reset the iPod® and try again. (To learn more, refer to your iPod® manual.)
 - During ACC ON state, connecting the iPod® through the iPod® cable (The cable that is supplied when purchasing iPod®/iPhone product.) will charge the iPod® through the system.
 - The use of genuine iPod® cables supplied by Apple is recommended. (The use of other products may result in noise or abnormal operation.)
 - Within iPhones, streaming audio and iPod® control may occasionally conflict. If problems persist, remove the iPhone and connect again.
 - Use iPod® with complete synchronization to iTunes. Unauthorized song addition may cause abnormal operation.
 - If iPod® and Bluetooth® are connected simultaneously with the same iPhone, you cannot use Bluetooth® audio function.
- If iPod® touch or iPhone is used, iOS4.2 or a later version is recommended.

Playing iPod® Music

Press   ► [Media] ► [iPod Music].



- Press  to play files.
- Press  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 ,  key or the   button to play the previous/next file.

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

Repeat

Press [Repeat].

Each time the button is pressed, the option is changed from Repeat All() ► Repeat One () ► Off ().

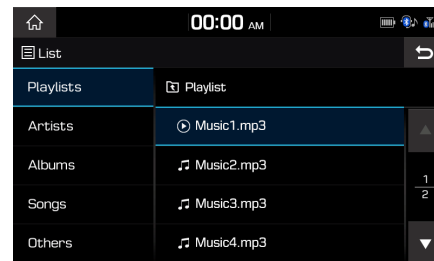
Shuffle

Press [Shuffle].

Each time the button is pressed, the option is changed from Shuffle On () ► Off.

List

Press the  button to display iPod list screen.



It is possible to search by Playlists, Artists, Albums, Songs and Others.

Sound Settings

Press  ► [Sound Settings].

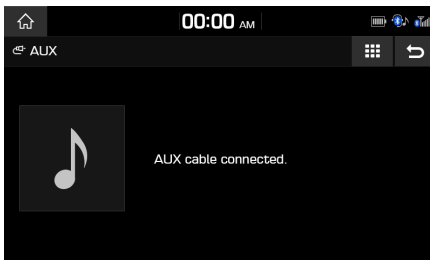
For details, refer to the "Sound" on the page 30.

AUX

Playing an AUX source

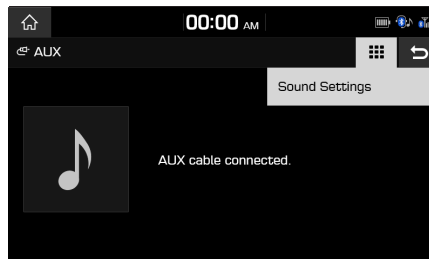
If an external device connector is connected with the AUX terminal, then AUX mode will automatically operate.

Press  ► [Media] ► [AUX] button to play auxiliary device while a different source is playing.



Using the Menu Buttons

Press the  button to set Sound.



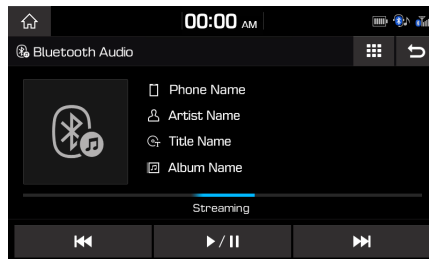
For details, refer to the “Sound” on the page 30.

Before playing the Bluetooth® audio

- Music saved in the mobile phone can be played in the car through Bluetooth® audio streaming.
- Bluetooth® audio can be played only when a Bluetooth® phone or Bluetooth® audio device has been connected. To play Bluetooth® audio, connect the Bluetooth® phone to the car system. For more information on connecting Bluetooth®, please refer to the user's manual [Bluetooth® Connection] on page 22.
- If Bluetooth® is disconnected while playing Bluetooth® audio, the audio stream will be interrupted.
- The audio streaming function may not be supported in some mobile phones. Only one function can be used at a time, either the Bluetooth® handsfree or the Bluetooth® audio function. For example, if you convert to the Bluetooth® handsfree while playing Bluetooth® audio, the music stream is interrupted.
- Playing music from the car is not possible when there are no music files saved in the mobile phone.

Playing Bluetooth® audio

Press  /  ► [Media] ► [Bluetooth Audio].



- Press  to play/pause files.

Searching Bluetooth® audio Files

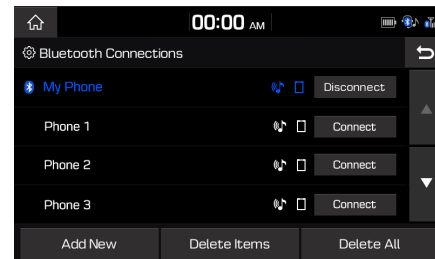
While playing ► Press ,  key or the   button to play the previous/next file.

NOTE

- The title/artist info may not be supported in some mobile phones. When it is not supported, only the symbol will be displayed.
- The play/pause feature may operate differently depending on the mobile phone.

Connection Settings

Press  ► [Connections Settings].



For details of Connections Settings, refer to the "Bluetooth® connection" on the page 22.

Sound Settings

Press  ► [Sound Settings].

For details, refer to the "Sound" on the page 30.

Bluetooth® Wireless Technology

Before Using the Bluetooth® Handsfree

What is Bluetooth® Wireless Technology?

- Bluetooth® Wireless Technology refers to a short-distance wireless networking technology which uses a 2.45GHz frequency to connect various devices within a certain distance.
- Supported within PCs, external devices, Bluetooth® phones, PDAs, various electronic devices, and automotive environments, Bluetooth® Wireless Technology to be transmitted at high speeds without having to use a connector cable.
- Bluetooth® Handsfree refers to a device which allows the user to conveniently make phone calls with Bluetooth® mobile phones through the Multimedia system.
- The Bluetooth® Handsfree feature may not be supported in some mobile phones.

Precautions for Safe Driving

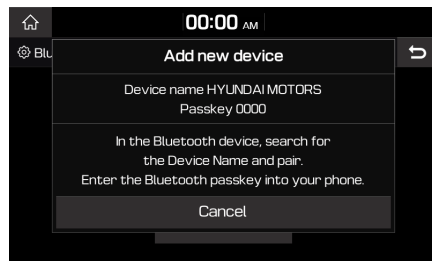
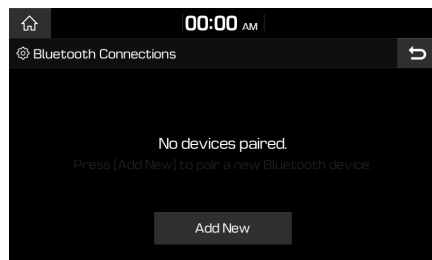
- Bluetooth® Handsfree is a feature that enables drivers to practice safe driving. Connecting the head unit with a Bluetooth® phone allows the user to conveniently make calls, receive calls, and manage the phone book. Before using Bluetooth® Wireless Technology, carefully read the contents of this user's manual.
- Excessive use or operations while driving may lead to negligent driving practices and be the cause of accidents. Do not operate the device excessively while driving.
- Viewing the screen for prolonged periods of time is dangerous and may lead to accidents. When driving, view the screen only for short periods of time.

Cautions upon Connecting Bluetooth® Phone

- Before connecting the head unit with the mobile phone, check to see that the mobile phone supports Bluetooth® features.
- If you do not want automatic connection with your Bluetooth® device, turn the Bluetooth® feature off on the Bluetooth® device.
- Park the vehicle when connecting the head unit with the mobile phone.
- Some Bluetooth® features may occasionally not operate properly depending on the firmware version of your mobile phone. If such features can be operated after receiving a S/W upgrade from your mobile phone manufacturer, unpair all devices and pair again before use.

When no Phones Have Been Paired

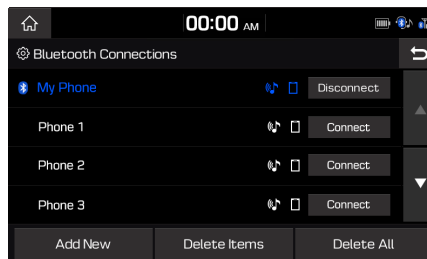
Press  on the steering wheel or press **PHONE** ► [Add New].



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  on the steering wheel or press **PHONE** ► [Connect].

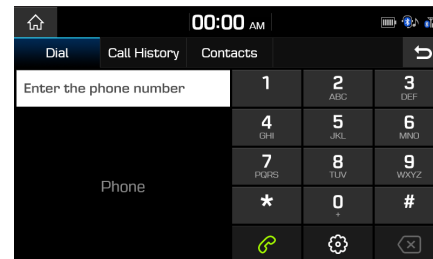


NOTE

- 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  on the steering wheel or press **PHONE** to display the following screen.



NOTE

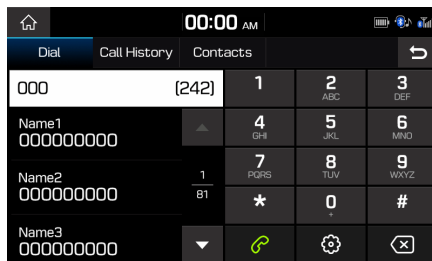
- Once Bluetooth® connection is successful, the name of the connected mobile phone will be displayed on the phone screen and Bluetooth® handsfree functions will be ready to be operated.
- Some functions may not be supported due to limited Bluetooth® compatibility between the car system and mobile phone.

Bluetooth® Phone

Making/Answering Calls

Calling by Dialing a Number

Enter number on the Dial Pad ► Press  or  on the steering wheel.

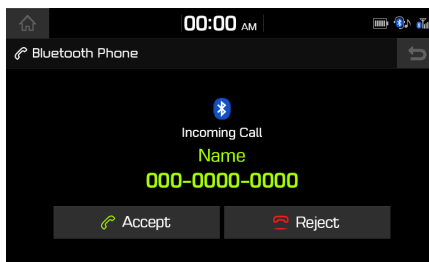


NOTE

- 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 [Accept] or  on the steering wheel.

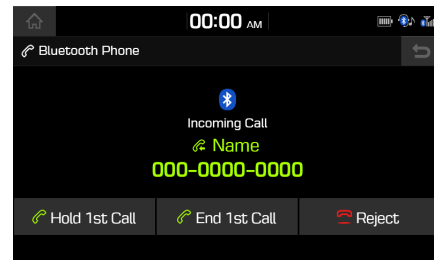


Rejecting a Call

Incoming call notice ► Press [Reject] or  on the steering wheel.

Switching to Call Waiting

If there is a waiting call, the following screen is displayed.

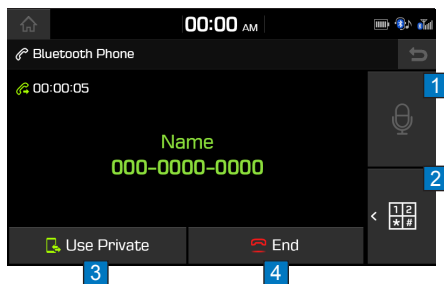


 **Hold 1st Call** : Holds current call and answers new call.

 **End 1st Call** : Ends current call and answers new call.

 **Reject** : Rejects new call and maintains current call.

Operating Menus during a Call



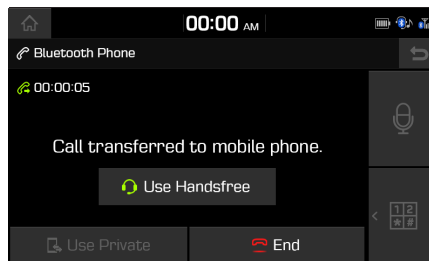
Button	Description
1	Turns the Mic On/Off.
2	Display dial pad screen for entering ARS numbers.
3	Switches a voice call from the car handsfree to the mobile phone.
4	Ends a call.

Ending a Call

While on a call ► Press [End] or the  key on the steering wheel.

Switching Call to Bluetooth® Phone

During handsfree call ► Press [Use Private] or press and hold  on the steering wheel.



Switching Call to Handsfree

During call on mobile phone ► Press [Use Handfree] or press and hold  on the steering wheel.

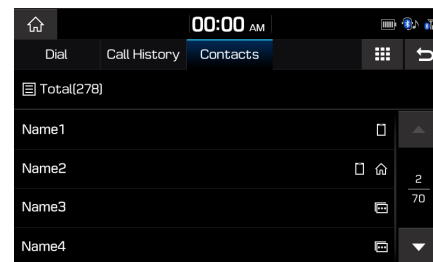
Contacts

In Phone screen ► Press [Contacts].

Downloading Contacts

Up to 2,000 mobile phone contacts can be updated.

In Contacts screen ► Press  ► [Download].



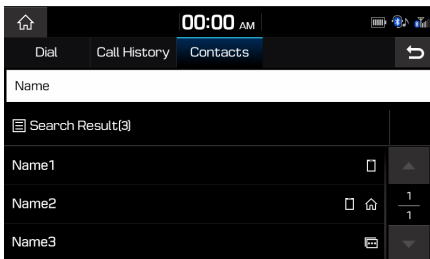
Bluetooth® Phone

Making a Call from Contacts

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

Searching for Contacts

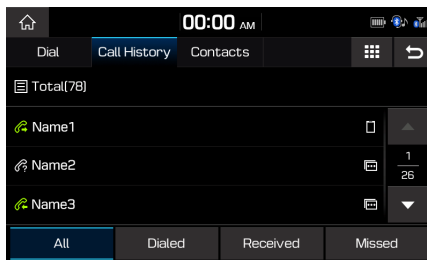
In Contacts screen ► Press  ► [Search] ► Enter the name or number ► [OK] ► Press the contact you want to call.



Call History

Viewing Call History

In Phone screen ► Press [Call History].



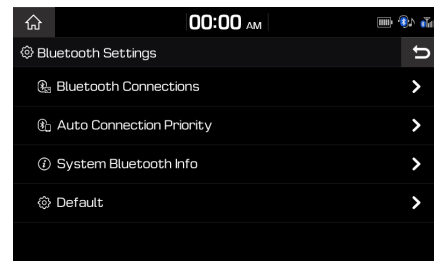
Button	Description
1 All	Displays all calling list.
2 Dialed	Displays the outgoing calling list.
3 Received	Displays the incoming calling list.
4 Missed	Displays the missed calling list.

NOTE

- To download or update the call history, press  ► [Download].

Bluetooth settings

In Phone screen ► Press .



For details, refer to the "Bluetooth" on the page 33.

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 into your mobile phone.

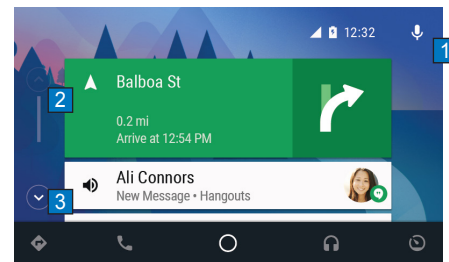
Setting the system

Before connecting your mobile phone, check whether Android Auto™ is set to be used in Setup ► [Connectivity].

Starting mode

Connect your phone to your car using a USB cable ► Press  ► [Media] ► [Android Auto].

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	Exits 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 ► Siri & Search ► Turn on Siri.

Setting the system

Before connecting your mobile phone, check whether Apple CarPlay is set to be used in Setup

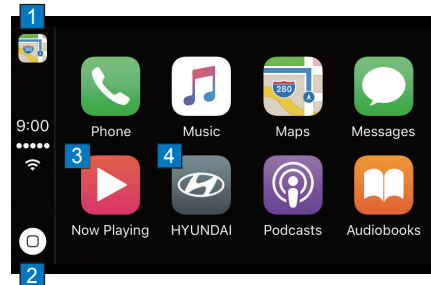
► [Connectivity].

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 **HOME** ► [Media] ► [Apple CarPlay].

Home Screen



No	Description
1	Displays the 3 most recently used menus.
2	Home button
3	Displays current audio source
4	Returns to your car's Home screen

About WebLink

The WebLink Host app turns your vehicle into a connected car by letting you easily enjoy your favorite apps on the go. Once you've downloaded the app, simply use your smartphone to connect to your car's WebLink-compatible multimedia receiver, and then launch popular navigation, media, weather, and even calendar apps.

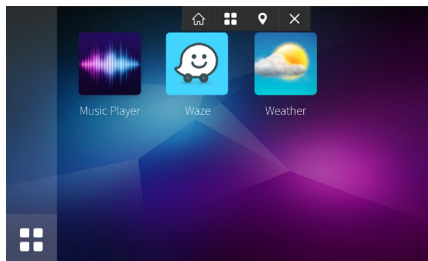
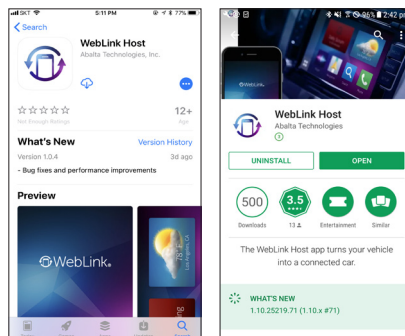
What you need?

1. A smart phone with a data plan.
2. A vehicle that's compatible with WebLink.
3. A USB cable.

Before Using WebLink

Installing the WebLink Application

Install the WebLink Host application and the applications supported by WebLink Host application into your mobile phone.

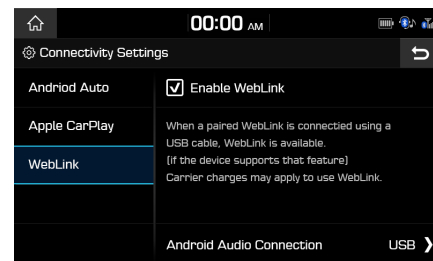


NOTE

- For details, visit the Abalta website (<http://www.abaltatech.com>).

Setting the system

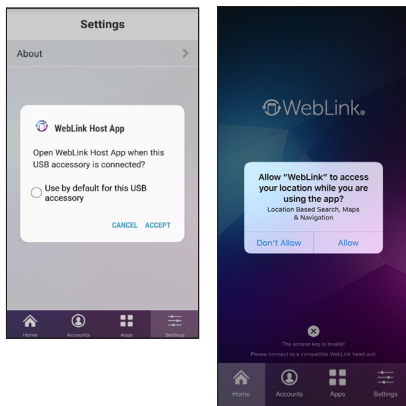
Before connecting your mobile phone, check whether WebLink is set to be used in Setup ► [Connectivity].



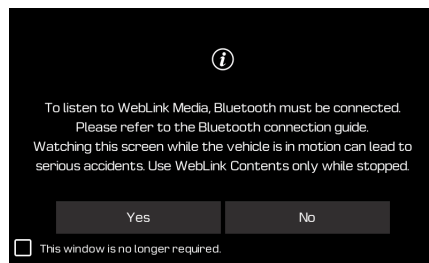
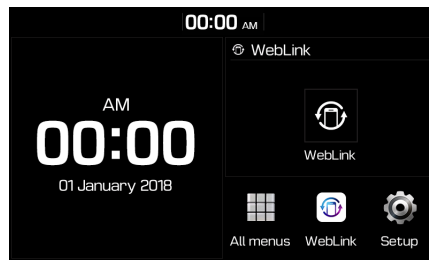
Starting Mode

Connect your mobile phone to your vehicle using a USB cable.

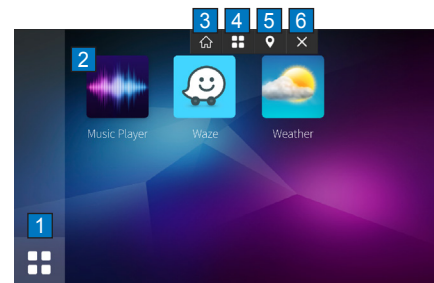
In your phone, touch [Accept].



Press  ► [WebLink] ► Yes.



Home Screen

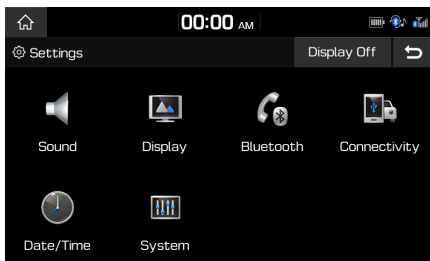


No	Description
1	Displays the WebLink Home screen
2	Available applications
3	Returns to the system Home screen
4	Displays the WebLink Home screen
5	Displays the Waze Home screen
6	Minimizes the menu bar

Setup

Starting mode

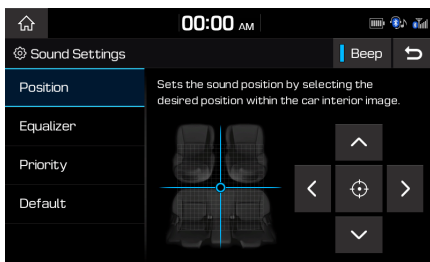
Press **SETUP** to display the Setup screen.



Sound

This menu is used to adjust the sound effects for the whole system.

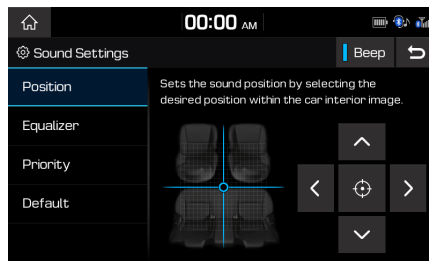
Press **SETUP** ► [Sound].



Position

In the Sound Settings screen ► Press [Position]

► Set the desired sound position.



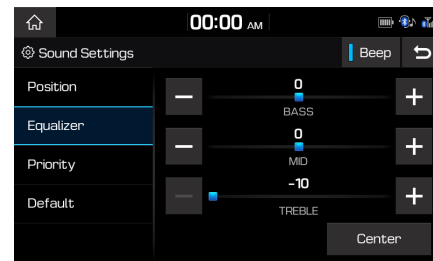
Use the **<**, **>**, **^**, **v** buttons to adjust settings.

Press **⊕** to restore sound to the center position.

Equalizer

In the Sound Settings screen ► Press [Equalizer]

► Set the desired sound balance .



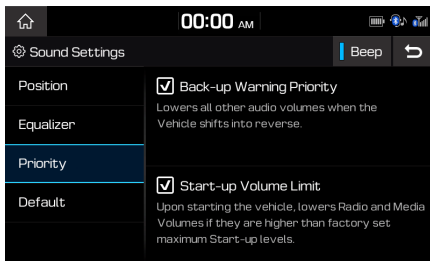
Use the **-**, **+** buttons to adjust settings.

Press [Center] to restore sound to the center position.

Setup

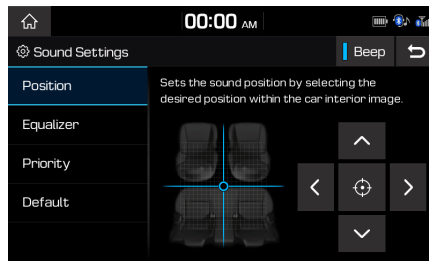
Priority

In the Sound Settings screen ► Press [Priority]
► Set the desired option.



Beep

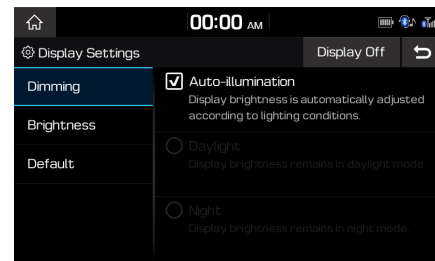
In the Sound Settings screen ► Press the [Beep]
to turn on/off.



Display

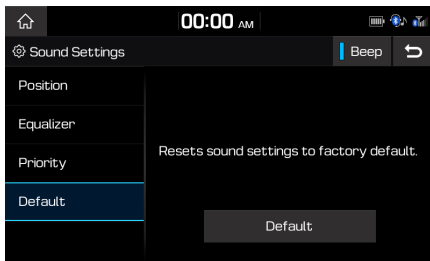
This menu allows you to set the display settings
for the whole system.

Press **SETUP** ► [Display].



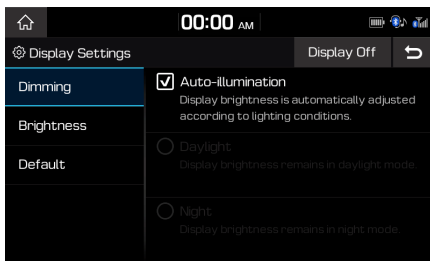
Resetting Sound Settings

In the Sound Settings screen ► Press [Default]
► [Default] ► [Yes].



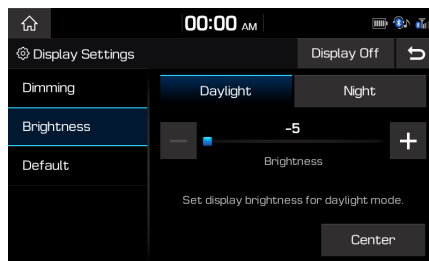
Dimming

In the Display Settings screen ► Press [Dimming]
► Set the desired mode.



Brightness

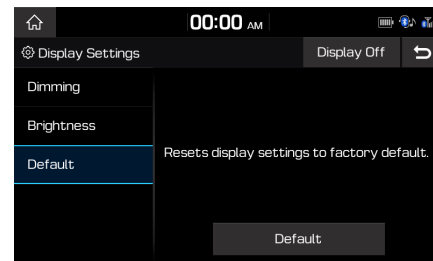
In the Display Settings screen ► Press [Brightness]
► Select the mode ► Set the desired brightness.



Press [Center] to restore brightness to the center position.

Resetting Display Settings

In the Display Settings screen ► Press [Default]
► [Default] ► [Yes].



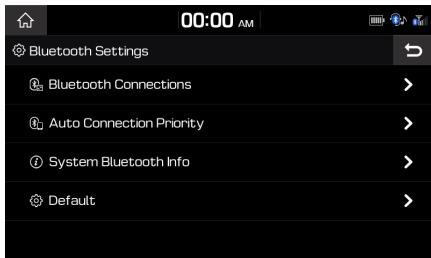
Display Off

In Display Setting screen ► Press [Display Off] to turn display off.
Touch anywhere on the screen to turn display on.

Setup

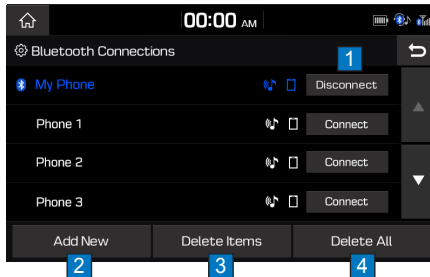
Bluetooth®

This menu allow you to set Bluetooth® settings.
Press **SETUP** ► [Bluetooth].



Bluetooth® Connections

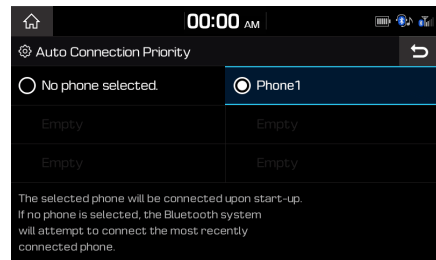
In the Bluetooth® Settings screen ► Press [Bluetooth Connections].



Name	Description
1 Connect/Disconnect	Connect /disconnect a Bluetooth® device.
2 Add New	Pair a new Bluetooth® device.
3 Delete Items	Delete a paired Bluetooth® device.
4 Delete All	Delete all paired Bluetooth® device.

Auto Connection Priority

In the Bluetooth® Settings screen ► Press [Auto Connection Priority] ► Select the Bluetooth® device you wish to set priority connection.



If you press [No Phone Selected] button, the most recently connected Bluetooth® phone will connect automatically.

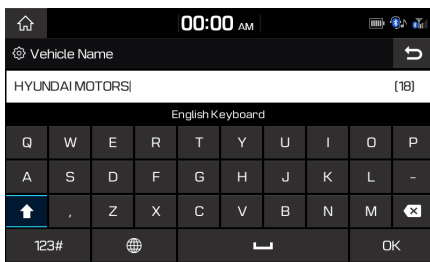
System Bluetooth® Info

Changing Vehicle Name

In the Bluetooth® Settings screen ►

Press [System Bluetooth Info] ►

[Vehicle name:HYUNDAI MOTORS] ► Enter the name ► [OK].



NOTE

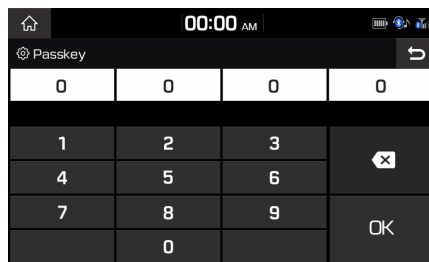
- The default device name is HYUNDAI MOTORS.

Changing Passkey

In the Bluetooth® Settings screen ►

Press [System Bluetooth Info] ► [Passkey:0000]

► Enter the passkey ► [OK].

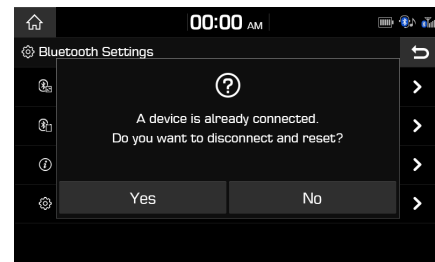


NOTE

- The default passkey is 0000.

Resetting Bluetooth® Settings

In the Bluetooth® Settings screen ► Press [Default] ► [Default] ► [Yes].

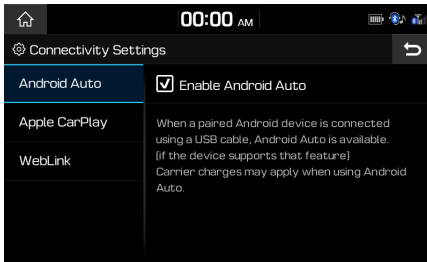


Setup

Connectivity

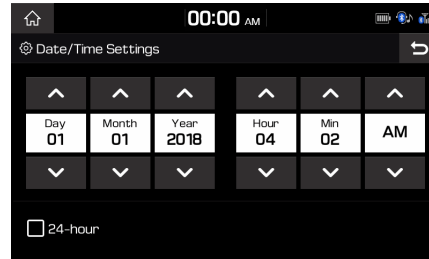
This menu allows you to set the car connectivity of your system.

Press **SETUP** ► Press [Connectivity].



Date and Time

Press **SETUP** ► [Date/Time] ► Adjust the date and time.



24-hour : Converts the digital clock display to 24 hours.

System

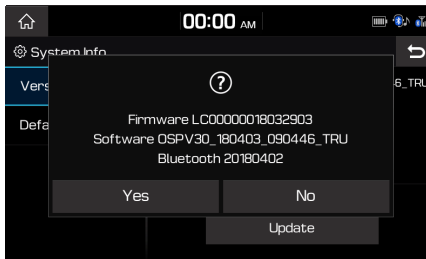
This menu allows you to view system information and reset settings specified by the user. Press **SETUP** ► [System].



System Update

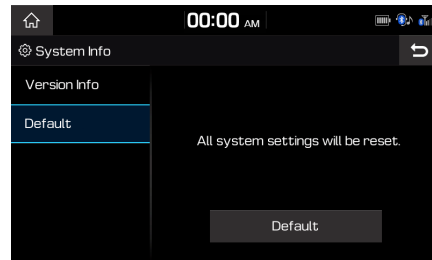
Download the latest update file onto a USB device and connect the device to the USB terminal.

In the System Info screen ► Press [Version Info] ► [Update] ► YES ► The system will then reboot automatically.



Resetting the System

In the System Info screen ► Press [Default] ► [Default] ► [Yes] ► All settings and data will be initialized to the factory default state.



Specification

USB MP3 Specification

Category	Description
MP3 File Specification	Response Specification: Support MPEG 1/2/4
Recommended Bitrate and Sampling Frequency	Response Sampling Frequency : 32, 44.1, 48 (KHz)
	Response Bitrate: MPEG1/L3 32 - 320 Kbps 32/44.1/48 Khz
ID3 TAG	ID3 v1.1 and ID3 v2.x TAG
Detailed Specification	• Max Directory Layers: 2 layers • Max length of folder names and file names: 255 Byte • Characters supported for folder/file names: English and numbers • Max number of folders recognized from one USB device: 255 folders (including ROOT) • Max number of files recognized from one USB device: - Music : 1000 - Video : 1000

Video Specification

Category	Description
File Format	AVI, MP4, WMV
Video Codec	H.264, WMV9
Video Resolution	Up to 1280 x 720 (WMV9 : up to 720x480)
Audio Codec	MP3, WMA, AAC

TFT-LCD

Screen Size	8 inch (192.8 x 116.9 mm)
Resolution	384,000 pixels (Resolution : 800 x 480)
Viewing Angle	Left/Right, Top/Bottom: (80°, 80°, 80°, 80°)
Internal Lighting	LED

Radio

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

Bluetooth® Wireless Technology

Frequency Range :	2402 ~ 2480 Mhz
Supported Bluetooth® Specification :	2.1+EDR
Supported Profile :	HFP (1.5), A2DP (1.3), AVRCP (1.3), PBAP(1.1.1)
Bluetooth® Power	Class2
Number of Channels :	79 channels

Common

Power Supply	DC 12V	Operating Power	DC 9V ~ DC 16V
Sleep Current	LESS THAN 1mA		
Operating Temperature	-20 ~ +70 °C (-4 ~ +158°F)	Storage Temperature	-30 ~ +80 °C (-22 ~ +176°F)
Dimension	W 313.6 mm x H 165.3 mm x D 210.2 mm		
Current Consumption	10A		

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?
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?
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 centre.
	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 centre.
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 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

ORIGINAL HEAD UNIT SUPPLIED BY VEHICLE DEALER

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 labour. 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.