

Introduction

Thank you for buying a Mitsubishi Motors product.

In order to fully utilise the functionality of this product and ensure safe and correct operation, please read the “User Manual” carefully before operation.

After reading the “User Manual”, ensure this is kept readily available, and refer to it again if there is something you do not understand, or in case of any problems.

Table of contents

Introduction 5

Before Use 5

Disclaimers	5
Important Points on Usage	6
Restrictions on Operations while the Vehicle Is Driving	7
How to Clean	7
After the Car Battery Has Been Replaced	7
Trademarks.....	7
Important Points on Safety for the Customer.....	9
How to Read This Manual.....	10

Basic Operation 11

This Product.....	11
Main Unit Panel	11
Start	12
Adjust Volume.....	13
Switching OFF the screen display	13
How to Operate.....	14
Searching Items from a List.....	15
Steering Remote Control Switch Operation.....	16
How to Input Characters	17
Keyboard for Character Input	17
Top Menu.....	18
HOME Menu	18
Multimedia Menu	19

Apps 20

About Apps.....	20
Connecting the device with your smartphone.....	20
Using Apple CarPlay	21
Displaying Apple CarPlay screen	21
Use Apple CarPlay voice control (Siri).....	22
Ending Apple CarPlay.....	22

Using 23

Android Auto™	23
Displaying Android Auto screen	23
Use Android Auto voice control.....	24
Ending Android Auto	24

Mobile Phone 25

Use Mobile Phone	25
Connect Your Mobile Phone	25
Display the Contacts.....	25
Registering to Favourites.....	26
Deleting from Favourites	27
Registering a voice tag.....	27
Dial a Telephone.....	28
Incoming Calls	29

AV

Audio Functions 30

Basic Operation	30
Switch Audio ON/OFF	30
Music files	31
Folder Structure.....	32
What Is MP3?.....	33
What Is WMA?.....	34
What Is AAC?	35
What Is WAV?.....	36
About FLAC	37
Video files	38
Video file types that can be played.....	38
Folder Structure.....	39
Specifications for video files that can be played back.....	40

Radio 42

Listen to Radio.....	42
Display Contents	43
Search for Broadcast Stations with Strong Signals.....	44
Register Your Favourite Broadcast Stations.....	44
Search for Broadcast Stations from the Station List.....	45
Listen to the Traffic Information/Emergency Information.....	45
Listen to DAB (Digital Audio Broadcast).....	46
Display Contents	47
Search for Broadcast Stations.....	48
Register Your Favourite Broadcast Stations.....	49
Search for Broadcast Stations from the Station List.....	49

iPod/USB 50

Play iPod	50
Switch Playback Mode	51
Display Contents	52
Search by Category List	53
Switching between iPods.....	53
Listen to a music file from USB memory	54
Switch Playback Mode	55
Display Contents	56
Search by Category List	57
Switching the USB memory connection	57
Watching videos from the USB memory	58
Display Contents	59

External Input Devices 60

Use Bluetooth Audio	60
Connect a Bluetooth capable Audio Device	60
Listen to a Bluetooth capable Audio Device	61
Display Contents	61
Switch Playback Mode	62
Use HDMI	63
Viewing HDMI images	63

Listening to Rear Entertainment System sound.....	64
Outputting Audio	64

NAVI

Basic Operation 65

Navigation Functions.....	65
What is Navigation?.....	65
GPS Antenna.....	65
Map Data.....	66
Position Measurement.....	66
Route Search Methods.....	67
Route Guidance.....	67
Precautions for operating the Navigation	67
NAVI Menu.....	68
Display the NAVI Menu.....	68
Operations that can be performed from the NAVI Menu	68
How to Input Characters	69
Keyboard for Character Input.....	69
Navigation Screen	70
Map Display Contents	70
Display the Current Location Screen.....	72
Guidance Display	73
Route Guidance Display.....	73
Junction View	73
Speed limit information guidance	73
Operate the Map	74
Switches the map screen	74
Change the map scale.....	74
Scroll the Map.....	74
Operations from the Scroll Menu	75
Set as the Destination	75
Set as the Waypoint.....	75
Set in the Address Book	76
Setting the starting point.....	76

TomTom Service(Traffic)	77
TomTom Services	77
Display Contents	78
Checking traffic information	79

Destination Settings 80

Set Your Home as the Destination	80
Set the Searched for Location as the Destination.....	81
Search for a Location	82
Load from the Address Book	82
Use the Search History.....	82
Searching from "My Route"	83
Searching by address/facility name.....	83
Changing the search area	83
Searching a nearby facility	84
Search by Latitude and Longitude.....	85
Searching from a facility category	85
Searching for a car parking	86
Searching for the petrol station.....	86

Checking/Editing the Route 87

Route Checking.....	87
Check the Route.....	87
Play Route Preview	87
Change the Route	88
Viewing the Edit Route screen	88
Operations that can be performed from Edit Route.....	88
Searching for a different route	89
Avoiding closed roads	89
Avoiding a part of a route	89
Setting special routes	90
Adding waypoints	90
Changing the waypoint.....	90
Registering in "My Routes"	91
Changing the route search conditions	92
Deleting a route	92

Set an Address in the Address Book 93

Registering your Home	93
Changing your Home location	93
Registering your Workplace	94
Changing the workplace location.....	94
Deleting the workplace location.....	94
Set an Address in the Address Book.....	95
Register the Current Location.....	95
Deleting a Registered Location	95

Navigation Settings 96

Changing the Settings	96
Appearance	97
Voices	98
Route Planning.....	99
Sounds & Warnings	100
System.....	101
Help	101
Voice instructions.....	101
Map Update.....	102
Update the Map Database.....	102

INFO/SETTINGS

INFO 103

Camera.....	103
Viewing the camera images	103
Air Conditioner.....	104
Viewing	104
Checking Trip Information (Except plug-in hybrid vehicles) ...	105
Viewing Trip Information	105
Resetting Trip Information	106
Checking Mileage History.....	107
Resetting History	107

Checking Trip Information (Plug-in hybrid vehicles)	108
Energy monitor is displayed	108
Resetting Accumulated Charge	109
Displaying Energy Flow	109
Viewing Trip Information	110
Resetting Trip Information	111
Checking History	112
Resetting History	112
Checking Amount of Charge.....	113
Display Contents	113
Viewing	113
Switching between History Displays.....	114
Deleting Amount of Charge Information	114
Maintenance	115
Viewing	115
Setting Maintenance Information.....	116
Updating Maintenance Information.....	118
Setting Guidance for Maintenance Information	119
Info	120
Viewing Version Information	120
Viewing Help.....	120

SETTINGS 121

Changing the Settings	121
Adjust Audio Sound Quality	122
Fader/Balance	122
Tone	122
Equalizer.....	123
Surround/Listening Position Setting	123
Other Settings.....	124
System Settings.....	125
Setting Charging Timer.....	125
Setting Remote Climate Control	126
Setting Volume	127

DAB Setting	128
Radio Setting	128
Display Settings.....	129
Day&Night Mode	129
Bluetooth Setting	130
Apple CarPlay/Android Auto	132
Language.....	133
Resetting Learnt Data.....	133
Units	133
Clock.....	134
Vehicle Settings	134
Reset All	138

Other

Voice Control	139
Starting the Voice Recognition Function....	139
Ending voice control function.....	139
Check the Voice Command Help ...	140
Troubleshooting	141
If This Message Appears.....	141
If You Think Something Is Not Working Properly.....	142

Introduction

The following is what you need to know before using this product.

Before Use

Disclaimers

- Mitsubishi Motors will in no way be held responsible for losses resulting from fire, earthquake, tsunami, flood, or other natural disasters; from actions of third parties; from other accidents; or from inappropriate or abnormal usage conditions utilised by the customer, the said conditions be deliberate or unintentional.
- There will be no indemnification for alteration or loss of any information stored upon this product (address book etc.) by the customer or a third party resulting from improper use of this product, the influence of static electricity or electric noise, or at the time of malfunction or repair or similar circumstances. We recommend that you create backups of important information as a precautionary measure.
- Some personal information (addresses in address book, telephone numbers etc.) input into this product may remain in memory even if this product is removed. The customer is responsible for proper handling and management (including deleting) of personal information to protect privacy when handing this product over to anyone else or disposing of it. Mitsubishi Motors will in no way be held responsible.
- Mitsubishi Motors will in no way be held responsible for any collateral losses (loss of business profits, alteration or loss of recorded data) resulting from the usage or inability to use this product.
- Please be aware that the map displayed is from when the data was prepared, so it may differ from current conditions. Also, Mitsubishi Motors will in no way be held responsible for any losses resulting from map data inadequacies.
- This product contains data on traffic regulations, but due to changes in traffic rules, this data may differ from the actual traffic rules. Always obey the actual traffic regulations. Also, Mitsubishi Motors will in no way be held responsible for any losses resulting from traffic accidents or traffic rule violations due to traffic regulation data inadequacies.
- Returns, refunds, exchange, or conversion for reasons of map data inadequacy or the like are not possible. There may be times when the map data does not match the specific objective of the user. The contents of the map data are subject to change without notice. The map data may contain wrong or missing characters, incorrect locations etc.
- The rule guidance and audio guidance, for example when to turn, may sometimes differ from the actual traffic signs or traffic regulations. Always obey the actual traffic signs and actual traffic regulations.
- For the purpose of product improvement, specifications and external appearance may be subject to change without advance notice. Accordingly, while the contents of the User Manual may differ, please be aware that returns, refunds, exchange, or conversion are not possible.
- This User Manual explains details for multiple vehicle models together. Depending on the vehicle model, there may be functions that may be described but not available, or requirements for separately purchased-products. Thank you for your understanding.
- Images and illustrations in the User Manual are used for explanations. Please be aware that these may differ from the actual product.
- Please be aware that Mitsubishi Motors, including after-sales service departments, will in no way be held responsible for any losses or detriment resulting from alteration or loss of any information stored in this product, including customer registration information.

Smartphone Connectivity

This smartphone link technology will allow you to connect and use third party applications on your smartphone and access maps, music, messaging and other services.

This smartphone link technology may display or make available content, data, information, services, software, or materials from third party applications which run on your smartphone.

There are many smartphone applications on the market that provide you with access to a variety of services and features.

- Whenever you use applications, you may be sharing personal, vehicle, or location information with a third party, and giving that third party potential access to data and your car networks, which could introduce security vulnerabilities.

If you decide to use a smartphone application and connect it to your vehicle by using this smartphone link technology, do so at your own risk.

You should make sure you fully understand all the features and data practices of any application you elect to download, connect to your vehicle, and use.

- Mitsubishi Motors does not have access to and does not process any personal information stored or shared with a third party application.

Mitsubishi Motors has no control over, and assumes no responsibility or liability for the availability, content, security, privacy policies, practices, or performances of any third party connected car or smartphone application or service.

Mitsubishi Motors provides connectivity features for your convenience only, and the inclusion of this technology does not imply

endorsement by Mitsubishi Motors of any third party applications or services, nor any association with third party application providers.

We strongly advise you to read the terms and conditions and privacy policies of any third party applications that you use.

Important Points on Usage

Common

- During operation, ensure that the vehicle is not stationary in a garage or other confined area with bad ventilation while the engine is running. Doing so may result in gas poisoning.
- For safety, the driver is not to operate this product while driving. The driver should minimize the time spent viewing the screen as much as possible. Being distracted by the screen can result in an accident.
- Do not turn the volume up to the extent that you cannot hear sounds from outside the vehicle while driving. Driving without being able to hear sounds from outside the vehicle can result in an accident.
- Do not disassemble or modify the product. This may lead to malfunction, smoking, or fire.
- Avoid relying on this product for guidance to emergency facilities (hospitals, fire departments, police, etc.). Contact such emergency facilities directly.
- When operating, ensure that the vehicle is stopped in a safe area in which stopping is permitted.

- Continued usage of this product without the engine running may deplete the vehicle battery, meaning that the engine may not be able to start.
Ensure this product is used while the engine is running.
- The following phenomena are characteristic of LCD screens. They do not indicate a malfunction.
 - Small black dots or bright dots (red, blue, green) on the screen.
 - Screen movement is slow during cold weather.
 - The screen is sometimes dark during hot weather.
 - The colour tones and brightness vary with the viewing angle.
- It is a characteristic of LCD screens that the picture quality varies with the viewing angle. When using this product for the first time, adjust the picture quality.
- Pasting a commercially-available LCD protective film or the like on the screen may interfere with operations of the touch panel.
- If you operate the touch panel with a sharp object (pen tip, finger nail, etc.), the screen may be scratched and this unit may be damaged, leading to faulty operation.
- Operating the touch panel with gloves on may cause faulty operation.

iPhone/iPod Playback

Function (Option)

- This product supports audio playback from iPhone/iPod devices. However, differing versions mean that playback cannot be guaranteed.
- Please be aware that depending on the iPhone/iPod model or version, operation may differ.

Restrictions on Operations while the Vehicle Is Driving

For safety purposes, certain operations and display are restricted while driving. Stop the vehicle at a safe location before operating the device.

How to Clean

- If the product becomes dirty, wipe gently with a soft cloth.
- If the screen becomes dirty, wipe it with a soft, dry cloth such as the one used for cleaning spectacles.
Do not use the chemicals such as benzene, thinner, and/or antistatic agents, or chemically treated dust cloths. These items may scratch the screen.

After the Car Battery Has Been Replaced

When the car battery is replaced, some of the memory contents are deleted.

Example: the set route

(The set destination and any waypoints are retained.)

Trademarks

- Product names and other proper names are the trademarks or registered trademarks of their respective owners.
- Microsoft, Windows Media, and Windows are registered trademarks of Microsoft Corporation (USA) and in other countries.
- Furthermore, even if there is no specific denotation of trademarks or registered trademarks, these are to be observed in their entirety.



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Continued on the next page



The phrases "Made for iPod" and "Made for iPhone" indicate that the electronic accessory has been designed specifically to connect with an iPod or iPhone and has been certified by a developer to meet all performance criteria stipulated by Apple.

Apple, iPhone, iPod, iPod nano, iPod touch, Siri, and Apple CarPlay are registered trademarks of Apple Inc. registered in the United States or other countries. Apple will in no way be held responsible for this product's performance, safety or conformity to standards.

* Video playback and Genius features are not supported.

* iPod and iTunes are licensed for individual duplication/playback of materials that do not possess copyrights, or lawful duplication/playback of materials for which such permission has been granted, for personal use. Copyright infringement is prohibited by law.

The following versions of iPhone/iPod can be used with this machine.

iPhone model names

iPhone XS Max
iPhone XS
iPhone XR
iPhone X
iPhone 8
iPhone 8 Plus
iPhone 7
iPhone 7 Plus
iPhone SE
iPhone 6s
iPhone 6s Plus
iPhone 6
iPhone 6 Plus
iPhone 5s
iPhone 5c
iPhone 5
iPhone 4s

iPod model names

iPod touch 6th generation
iPod touch 5th generation
iPod nano 7th generation

Open-Source License

This product contains software modules available for use under open-source licenses such as the GNU General Public License (GPL), GNU Lesser General Public License (LGPL), and 3-Clause Berkeley Software Distribution License (3-Clause BSD License).

For detailed information and relevant source code, refer to the following URL.

<http://automotive.thundersoft.com/MidSDA/OSS.html>

Important Points on Safety for the Customer

This product features a number of pictorial indications as well as points concerning handling so that you can use the product correctly and in a safe manner, as well as prevent injury or damage to yourself, other users, or property.

⚠ WARNING This indicates product handling details, which, if ignored, may result in death or serious injury.

⚠ CAUTION This indicates details, which, if ignored, may result in physical damage and/or personal injury.

⚠ WARNING

- **The driver should not pay close attention to the images on the screen while driving.**

This may prevent the driver looking where they are going, and cause an accident.

- **The driver should not perform complicated operations while driving.**

Performing complicated operations while driving may prevent the driver looking where they are going, and cause an accident.

Therefore stop the vehicle in a safe location before performing such operations.

- **Do not use during malfunctions, such as when the screen does not light up or no sound is audible.**

This may lead to accident, fire, or electric shock.

- **Ensure water or other foreign objects do not enter the product.**

This may lead to smoking, fire, electric shock, or malfunction.

- **Always obey all actual traffic regulations, even when following route guidance from this navigation system.**

Due to changes in traffic rules, this data may differ from the actual traffic regulations.

Always obey the actual traffic regulations.

⚠ WARNING

- **In the event of abnormalities occurring when foreign objects or water enter the product, resulting in smoke or a strange smell, immediately stop using the product, and consult with your Mitsubishi dealer.**

Continuing to use the product may result in accident, fire, or electric shock.

- **Do not disassemble or modify the product.**

This may lead to malfunction, fire, or electric shock.

- **Do not touch the antenna or front panel during thunder and lightning.**

This may lead to electric shock from lightning strike.

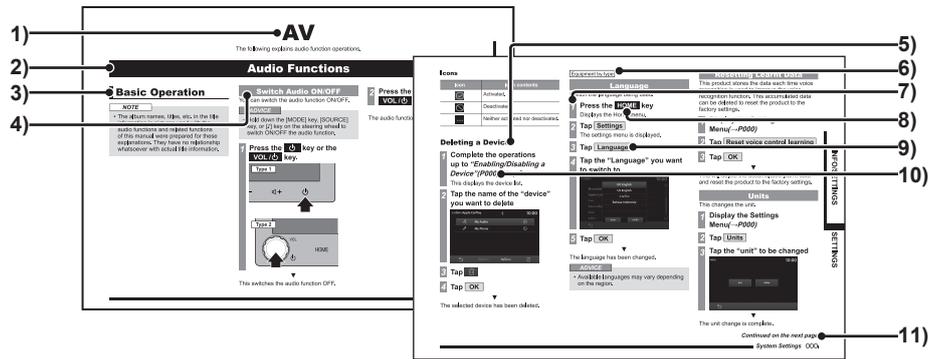
⚠ CAUTION

- **Do not turn the volume up to the extent that you cannot hear sounds from outside the vehicle while driving.**

Driving without being able to hear sounds from outside the vehicle may result in an accident.

How to Read This Manual

The notation used in this manual and what it means are as follows.



1) Volume Header

Classified by main functions.

2) Chapter Header

Classifies more finely the main functions in the volume header. A chapter header appears at the head of each chapter. You can also check the index on the right edge.

3) Major Header

Classifies the main operations and functions in a chapter.

4) Intermediate Header

Classifies the operations and functions under the major header.

5) Minor Header

Classifies more finely the operations and functions classified under the intermediate header.

6) Equipment by type / Equipment by region

Equipment by type : Indicates equipment that differs according to the vehicle model and grade.

Equipment by region : Indicates a piece of equipment or a feature that may not be available, depending on the country or region.

7) Operation procedure

These are numbers that show the operation procedure. Perform the procedure in the order of these numbers.

8) key or key

Shows an operation key on the panel.

9) , or

Shows the buttons displayed on the screen.

10)(P000)

Shows the page to refer to. It contains relevant explanations etc.

11)Continued on the next page

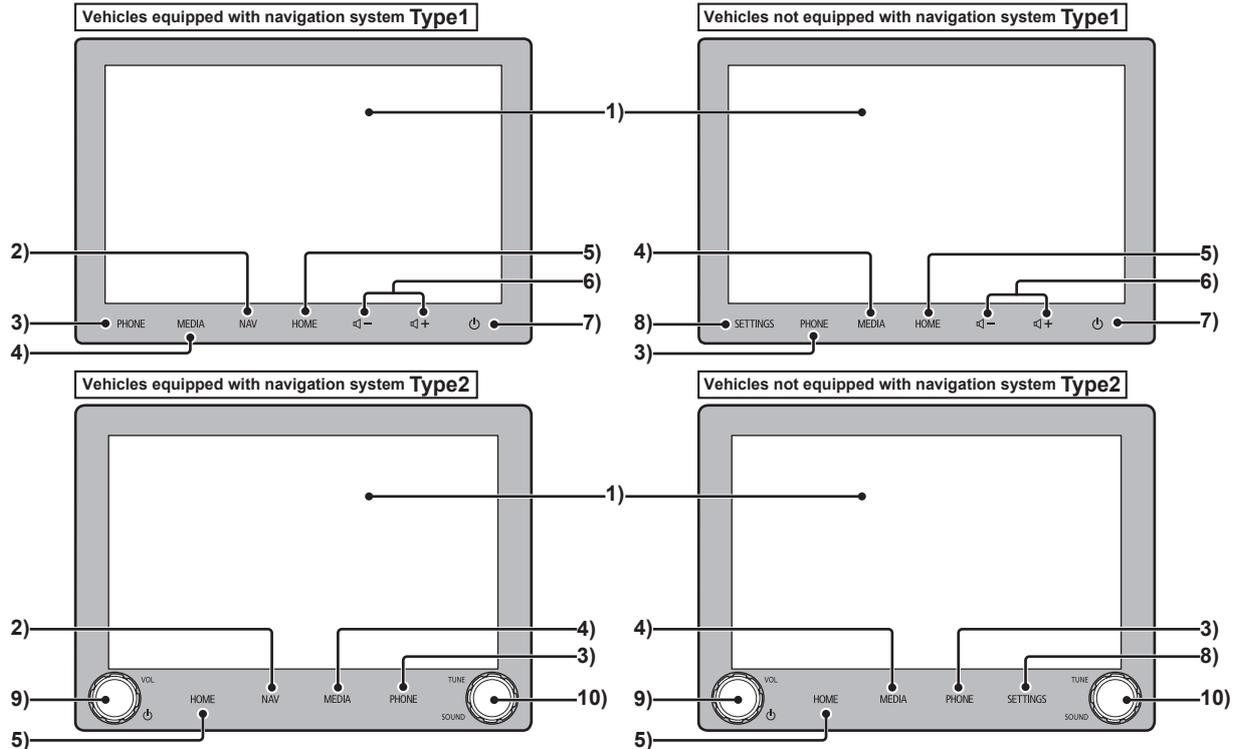
Used when the explanation of operations is continued.

Basic Operation

This Product

Main Unit Panel

This gives the names of each section of the main unit panel and explains their functions. Panels may vary depending on the model.



Continued on the next page

1) Display

The majority of operations can be done by tapping the buttons on the display. →“How to Operate”(P14)

2) NAV key(→P65)

Displays the most recently used navigation screen (last screen).

3) PHONE key(→P25)

Phone function can be used.

If the mobile phone is not connected, a screen prompting the user to pair his phone with the device is displayed. (→P130)

4) MEDIA key

Displays the media playback screen.

If the media playback screen is displayed or the audio is OFF, the Multimedia menu will be displayed. (→P19)

5) HOME key(→P18)

Displays the HOME menu screen.

6) , key(→P13)

Allows the user to adjust the volume of the audio, phone, or navigation functions. If pressed during a specific audio output, the volume can be adjusted for that particular audio output.

7) key

This can switch ON or OFF the audio function. (→P30)When it is held down, the screen display is turned OFF.

In order to start the display again, press a key such as the [HOME] key.(→P13)

8) SETTINGS key(→P121)

Displays the Settings screen.

9) VOL/ key

It allows the user to adjust the volume of the audio, phone, or navigation functions by rotating.

If rotated during a specific audio output, the volume can be adjusted for that particular audio output.(→P13)

Pressing it allows the user to switch ON or OFF the audio function.(→P30)When held down, the screen display is turned OFF. To turn ON the display again, press [HOME]or any other key(→P13)

10) TUNE/SOUND key

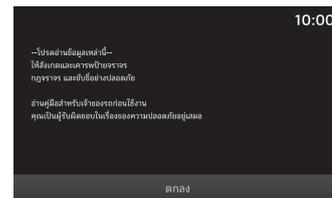
Rotating it allows the user to select the music track to be played or to tune the radio. If pressed, it opens the “Sound Control” screen.→“Adjust Audio Sound Quality”(P122)

Start

Start the system.

1 Switch the vehicle's engine/ power switch to “ACC” or “ON”.

2 After checking the message, tap



Toggles the display to the most recently used function screen such as the audio screen or the navigation screen.

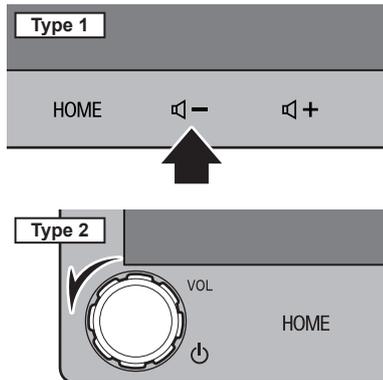
ADVICE

- Depending on the specifications, the screen may switch after a while even if you do not tap [OK].

Adjust Volume

Adjusts the audio volume, ringer volume, call volume, and volume of the voice guidance. The cases of volume adjustment during audio playback are described below.

- 1 During audio playback, press the  key or turn the  key to the left



Volume display

The audio volume is decreased.

- 2 Press the  key or turn the  key to the right



The audio volume is increased.

Regarding types of volume

The volume can be adjusted during the output of the following sounds.

Type	Display	Volume Level
Audio	 4 	0 to 45
Phone (Incoming call)	 4 	0 to 45
Voice Guidance (Navigation *1)	 4 	0 to 7
Voice Recognition *1	 4 	0 to 7

*1) Equipment by type.

ADVICE

- Audio volume cannot be adjusted until the voice guidance is complete.

Switching OFF the screen display

The screen display is turned off. The voice continues to be output as before.

NOTE

- If the vehicle gear is shifted to “Reverse” “R” while the Rearview camera or Multi Around Monitor is connected, then the display will be automatically toggled to show the images captured by the camera, even if the screen is turned OFF (black). If the vehicle is shifted out of “R” gear, the screen will turn back OFF (black).
- When the Rearview camera or Multi Around Monitor image is displayed, the screen cannot be turned off even if the  key or the  key is held down.

- 1 Hold down the  key or the  key



The screen display will be turned off.

To restore the screen display, press the  key or the  key.

ADVICE

- The display can also be restored by pressing the another key, such as the [HOME] key.

How to Operate

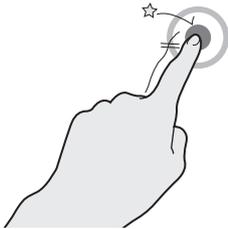
This system uses a multi-touch panel, which allows operations by touching the display directly.

CAUTION

- To prevent the surface of the display from developing scratches, handle it gently and use a soft cloth to wipe it.
- If the screen becomes dirty, wipe it with a soft, dry cloth such as the one used for cleaning spectacles.

Tap

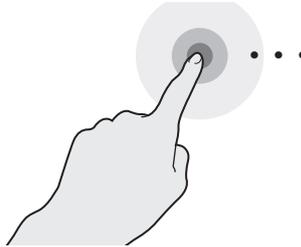
Used for “Enter” operations, etc.



Touch the screen gently for just a moment.

Long press

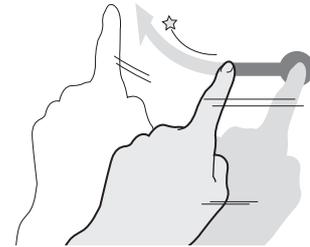
Can be used for various operations such as fast forwarding or rewinding.



Keep the finger on the screen till you complete the desired action.

Flick

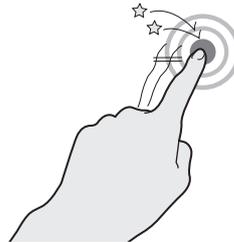
Use for quickly scrolling through the list and map.



Keep your finger on the screen, then move and release it quickly using a flicking motion.

Double tap

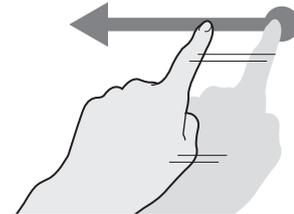
Use for zooming into the map step by step.



Two quick taps with one finger.

Slide

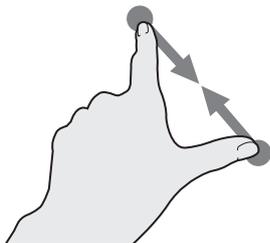
Sliding action of the finger for scrolling through the screen in sync with the finger movements.



Touch and slide the screen by using your finger.

Pinch in

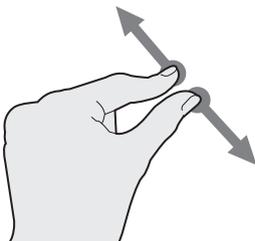
Use for zooming out the map to get a larger view.



Place your two fingers on the screen and bring them closer while they are still touching the screen.

Pinch out

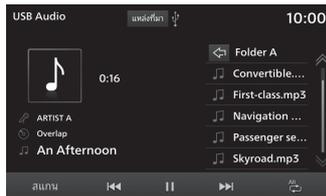
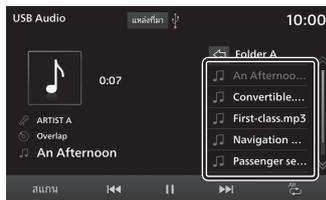
Use for zooming in the map.



Place your two fingers on the screen and move them away from each other while they are still touching the screen.

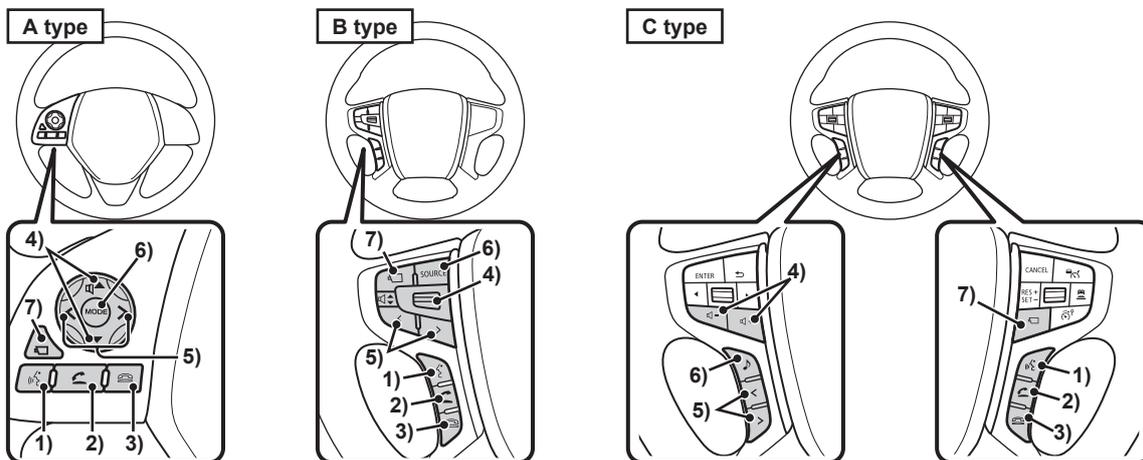
Searching Items from a List

Flick or slide on the list. As you move your finger up, the list scrolls down.



Tap the item you are searching for directly once it is displayed.

Steering Remote Control Switch Operation



1) key

Starts voice control. Also, voice control can be ended by holding down the key. If you hold it down, Siri starts if you are using Apple CarPlay, and Android Auto voice control starts if you are using Android Auto.

2) key

Displays the Contacts screen. → “Display the Contacts” (P25)

By pressing the key, an incoming call can be accepted.

3) key

Hangs up the phone during a call. If pressed during an incoming call, the call is rejected.

4) key, key / switch

Volume can be adjusted.

5) key, key

Previous/next song or broadcast station can be selected.

Hold down the appropriate key to fast forward or rewind a track.

6) key / key / key

The audio source will be switched each time you press this key. Hold down the key to switch the audio function ON/OFF.

7) key^{*1}

The images taken by Multi Around Monitor can be displayed on the screen by pressing this key. → “Camera” (P103)

*1) Equipment by type.

How to Input Characters

This section explains the menu items for the character input keyboard.

Keyboard for Character Input



1) Input character display section

Displays the input characters.

2) Input keyboard

Comprises of keys to enter the displayed characters.



Returns to the previous screen.



Pressing this key will confirm all the entered characters, and exits the character input mode.



Clears one character among the characters being input.

6) More

Switches the characters displayed on the input keyboard.

7) A/a

Single tap switches the letters displayed on the character input keyboard from upper case to lower case and vice versa.

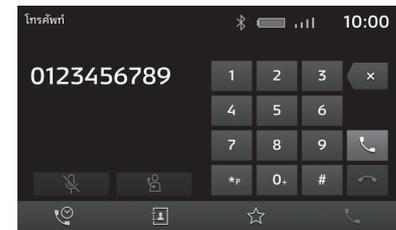
ADVICE

- Depending on the function and type of characters, certain buttons may not be displayed and some buttons may be replaced with others. For details, please read the explanation of each function.

Types of Characters That Can Be Input

The input keyboard is capable of inputting various characters. Character input is displayed when it becomes necessary during the operation of functions. However, some functions limit the characters that can be input.

Keyboard for Number Input



Top Menu

By pressing the appropriate keys, you can use various functions from the Top Menu.

HOME Menu

Description of HOME menu displayed when **HOME** key is pressed.



1) Phone (→P25)

Hands-free phone system is enabled when the mobile phone is connected to the product by Bluetooth.

2) Multimedia (→P30)

Allows playback using radio or various other media.

3) Navigation (→P65)¹

Allows use of Navigation function.

4) Info / **PHEV & Info** (→P120)²

Allows you to check information regarding this product and PHEV.

5) Icon

Displays connection of Bluetooth/USB memory and battery, signal, and connection of your mobile phone.

6) Clock

Displays the current time in a 24-hour or 12-hour system.

→“Clock”(P134)

7) Settings (→P121)

Allows access to various device settings.

8) Apps (→P20)³

If Apple CarPlay is connected, this changes to **Apple CarPlay**, which can be tapped to display Apple CarPlay screen.

If Android Auto is connected, this changes to **Android Auto**, which can be tapped to display Android Auto screen.

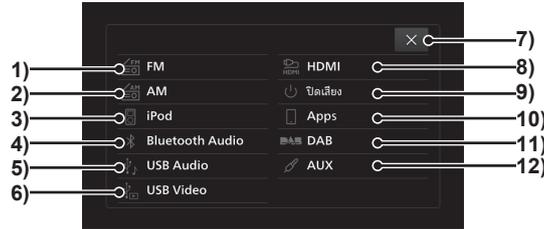
*1) Equipment by type.

*2) [Info] is displayed for petrol vehicles and [PHEV & Info] is displayed for plug-in hybrid vehicles.

*3) If an Apple CarPlay or Android Auto capable smartphone has never been connected, the button won't be displayed.

Multimedia Menu

This section explains the Multimedia Menu that appears when the **Source** button or **MEDIA** key is pressed from the radio screen or media playback screen.



- 1) **FM** (→P42)
Displays the FM radio broadcast information screen.
- 2) **AM** (→P42)
Displays the AM radio broadcast information screen.
- 3) **iPod** (→P50)^{*1}
Displays the iPod audio playback information screen.
- 4) **Bluetooth Audio** (→P60)^{*2}
Displays the Bluetooth Audio playback information screen.
- 5) **USB Audio** (→P54)
Displays the USB Audio playback information screen.
- 6) **USB Video** (→P58)
Displays the USB Video playback information screen.

- 7) **X**
Closes the Multimedia Menu.
- 8) **HDMI** (→P63)^{*3,4}
Displays the HDMI screen.
- 9) **Audio OFF**
Switches OFF the Audio function.
- 10) **Apps** ^{*5}
If Apple CarPlay is connected, this changes to **Apple CarPlay**, which can be tapped to display Apple CarPlay screen. (→P21)
If Android Auto is connected, this changes to **Android Auto**, which can be tapped to display Android Auto screen. (→P23)
- 11) **DAB** (→P46)^{*6}
Displays the DAB (Digital Audio Broadcast) broadcast information screen.

- 12) **AUX** (→P64)^{*3}
Outputs the sound of the rear entertainment system.
- ^{*1}) The iPhone/iPod must be connected to the product by a USB cable.
^{*2}) A Bluetooth capable audio device must be connected to the product via Bluetooth.
^{*3}) Equipment by type.
^{*4}) An Aux Audio Output device must be connected to the product with an HDMI cable.
^{*5}) An Apple CarPlay or Android Auto capable smartphone must be connected to the product by a USB cable.
 If an Apple CarPlay or Android Auto capable smartphone has never been connected, the button won't be displayed.
^{*6}) Equipment by region.

Apps

About Apps

Apple CarPlay or Android Auto can be used by connecting an Apple CarPlay or Android Auto capable smartphone to the product.

CAUTION

- Never hold an iPhone or an Android smartphone in your hand to operate while driving, as this is dangerous.
- Please do not leave the iPhone or Android smartphone in your vehicle in order to prevent theft or malfunction due to high temperature.
- No indemnification will be possible for any iPhone or Android smartphone data lost while the iPhone or Android smartphone is connected to the product.
- Depending on how the devices are handled, audio files being damaged or lost, therefore it is recommended that data be backed up.

NOTE

- Please read your vehicle's user manual regarding how to connect an iPhone or Android smartphone.
- Please operate when the iPhone or Android smartphone is connected to the product.
- The hands-free phone system cannot be accessed while using Apple CarPlay. (Apple CarPlay telephone function can be used)

NOTE

- Displays the Navigation screen of the product when the [NAV] key^{*1} is pressed even while using Apple CarPlay or Android Auto.
- Apple CarPlay or Android Auto operations may be restricted while driving.
- Apple CarPlay or Android Auto operations may be restricted depending on the state of your smartphone, including the cases of poor reception.

*1) Equipment by type.

Connecting the device with your smartphone

When an Apple CarPlay or Android Auto capable smartphone is first connected to the product by USB, a message for selecting connection settings is displayed.



Please tap either of the connection settings.

Enable this time	Apple CarPlay or Android Auto will be used only once. From the next time, when you connect your smartphone, a message is displayed to prompt the user to select the settings.
Always Enable	Apple CarPlay or Android Auto will be used every time. When you connect your smartphone next time, you can use it without having to select the settings. The message prompting the user to select the settings is not displayed.
Cancel	Apple CarPlay and Android Auto won't be used.

ADVICE

- The message is displayed also when [Enable this time] was selected at the time of the previous connection.
- Setting can be changed from "Enabling/Disabling a Device"(P132).
- If you select [Cancel], you will be shown an option to specify whether to not use them only once or to not use them any time in future.
- No matter which connection setting is selected, the connected smartphone information is registered in the device list.

Using Apple CarPlay

Apple CarPlay can be used by connecting an Apple CarPlay capable iPhone to the product by a USB cable.

NOTE

- Although we are expanding the service areas, Apple CarPlay service may not be available in some areas. Please check the website given below for the latest information on available areas.
<https://www.apple.com/ios/feature-availability/#applecarplay-applecarplay>
- Please visit the official website of Apple CarPlay for information on Apple CarPlay and the applications available on it.
- To be able to use Apple CarPlay, you need an iPhone 5 or later models.
- In “Enabling/Disabling a Device”(P132), [Enable] must be set in advance. (If [Always Enable] is selected in the device connection settings (P20) when the device is connected with the product for the first time, then the device setting is [Enable].)
- Apple CarPlay will be unavailable also when “Enabling/Disabling a Device”(P132) the device setting is [Enable], but the iPhone setting does not allow its use. Please enable the iPhone settings to use Apple CarPlay.
- Unlock your iPhone to use Apple CarPlay.

NOTE

- If an Apple CarPlay capable device is connected to the product while it is already connected to Android Auto, then iPod verification will be processed, but Apple CarPlay will be unavailable for use.
- If two Apple CarPlay-compatible iPhones are connected, you will not be able to use Apple CarPlay on the phone connected later.
- Apple CarPlay is an application by Apple Inc., and any of its functions may be altered or discontinued without any prior notice.

Displaying Apple CarPlay screen

1 Press the **HOME** key

Displays the Home menu.

2 Tap **Apple CarPlay**



Displays Apple CarPlay HOME screen.

HOME Screen

The screen display design changes according to the position of the car handle.



- (1) Tap to start up the application.
- (2) Tap to display the HOME menu.

Use Apple CarPlay voice control (Siri)

Starting up Siri

1 Long press (P14) on Apple CarPlay HOME screen

Siri starts.

2 Speak

ADVICE

- Siri can be started by holding down the  key on the steering remote control.

Ending Siri

1 Tap



Ends Siri and displays Apple CarPlay HOME screen.

Ending Apple CarPlay

When the iPhone is removed from the product, Apple CarPlay is disconnected and can be ended.

Because some functions of the product will be restricted while using Apple CarPlay, make sure to end Apple CarPlay when it is not in use.

Using Android Auto™

Android Auto can be used when an Android Auto capable Android smartphone is connected to the product by a USB cable.

NOTE

- Although we are expanding the service areas, Android Auto service may not be available in some areas. Please check the website given below for the latest information on available areas.
<https://www.android.com/auto/>
- Android Auto app must be downloaded to the smartphone in advance.
- Please visit the official Android Auto website for information on Android Auto and the applications available on it.
- To be able to use Android Auto, you need an Android smartphone with Android 5.0 or later versions.
- When you initialize an Android smartphone, it is necessary to agree to the contents shown on the smartphone. The operation needs to be performed while the vehicle is stopped.
- In “Enabling/Disabling a Device”(P132), [Enable] must be set in advance. (If [Always Enable] is selected in the device connection settings (P20) when the device is connected with the product for the first time, then the device setting is [Enable].)
- If an Android Auto capable device is connected to the product while it is already connected to Apple CarPlay, then Android Auto will be unavailable for use.

NOTE

- If two Android Auto compatible Android smartphones are connected, you will not be able to use Android Auto on the phone connected later.
- Android Auto is an application provided by Google, and any of its functions may be altered or be discontinued without prior notice.

Displaying Android Auto screen

1 Press the **HOME** key

Displays the Home menu.

2 Tap **Android Auto**



Displays Android Auto HOME screen.

HOME Screen

The screen display design changes according to the position of the car handle.



- (1) Tap to start up the application.
- (2) Tap to display the HOME menu.
- (3) Tap to start up the voice control.
- (4) Tap to display Android Auto HOME screen.
- (5) Tap to check the new messages.

Use Android Auto voice control

Starting up the voice control

1 Tap  on Android Auto HOME screen

The voice control starts up.

2 Speak

ADVICE

- Voice control can be started by holding down the  key on the steering remote control.

Ending the voice control

1 Tap the screen



End voice control.

Ending Android Auto

Android Auto can be disconnected and ended by disconnecting Android smartphone from the product.

Because some functions of the product will be restricted when Android Auto is in use, make sure to end Android Auto when it is not in use.

Mobile Phone

Use Mobile Phone

Connecting your mobile phone to this product with Bluetooth lets you use the hands-free phone system.

⚠ WARNING

- The driver should not hold the mobile phone in their hand while driving.
- Please do not leave your mobile phone in the vehicle. If your mobile phone falls on the floor when you stop or when you are turning, it may get stuck under the brake pedal and disturb driving, or cause an accident.
- Please stop the vehicle in a safe location and then operate the product.

Connect Your Mobile Phone

This product and your mobile phone use the Bluetooth function to connect.

For details on how to connect, read *“Bluetooth Setting”* (P130).

Operation methods below describe situations once connection has been completed.

To be able to use contacts and history, the *“Synchronising Contacts and History”* (P131) setting must be “ON”.

NOTE

- This requires a mobile phone that can be connected to the Bluetooth.
- Cancel functions such as the mobile phone “dial lock”, and connect while on the standby screen.
- Hands-free phone system is not available for voice call apps on mobile phone.
- Some equipment cannot be connected.
- For details on how to operate your mobile phone, please read the user manual for your mobile phone.
- Normal data transfer may be impossible with some types of mobile phones.

Display the Contacts

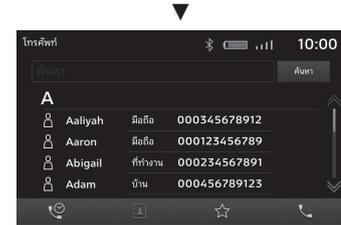
Displays the contacts synchronised with the product from the mobile phone.

To be able to view the contacts, the *“Synchronising Contacts and History”* (P131) setting must be “ON”.

1 Press the **PHONE** key

Displays the Phone function screen.

2 Tap



The Contacts screen is displayed.

NOTE

- Contacts are displayed only when the phone is connected to the product.
- Up to 1000 contacts can be displayed.
- In order to load all the entries, your mobile phone must support PBAP (Phone Book Access Profiles).
- Contact number registration, editing and deletion cannot be performed by using the product.
- In the text entry box, enter the string to be searched, and tap [Search] to search the entered string from Contacts.

Registering to Favourites

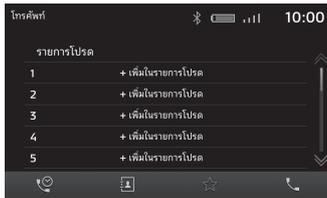
You can register the frequently used phone numbers from your Contacts and Call History. To be able to use contacts and history, the “Synchronising Contacts and History”(P131) setting must be “ON”.

NOTE

- Up to 20 items can be registered in Favourites.

Viewing the Favourites Screen

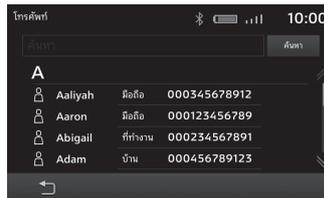
- 1 Press the **PHONE** key
- 2 Tap 



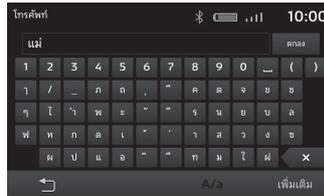
The Favourites screen is displayed.

Registering from Contacts

- 1 View the Favourites screen
→“Viewing the Favourites Screen”(P26)
- 2 Tap **+Add to Favourites**
- 3 Tap **Contacts**
- 4 Tap the “Phone number” to be registered



- 5 Edit the name and tap **OK**



- 6 Tap **OK**

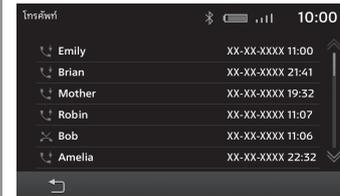
Registration is complete.

ADVICE

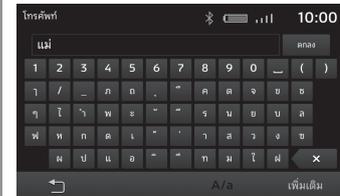
- You can edit a name registered in Favourites. Tap  on the Favourites screen and then tap the favourite you want to edit.

Registering from Call History

- 1 View the Favourites screen
→“Viewing the Favourites Screen”(P26)
- 2 Tap **+Add to Favourites**
- 3 Tap **Missed/Received/Dialled call**
- 4 Tap the “Phone number” to be registered



- 5 Edit the name and tap **OK**



- 6 Tap **OK**

Registration is complete.

ADVICE

- You can edit a name registered in Favourites. Tap  on the Favourites screen and then tap the favourite you want to edit.

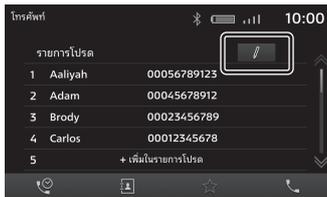
Deleting from Favourites

Deletes a phone number registered in Favourites.

1 View the Favourites screen

→“Viewing the Favourites Screen”(P26)

2 Tap



3 Tap

4 Tap

5 Tap

The phone number registered in Favourites is deleted.

Registering a voice tag

Registers voice tags to make a call using voice recognition.
Voice tag function is unavailable if you change the language (P133) to Arabic or Indonesian.

ADVICE

- Up to 32 voice tags can be registered.

1 View the Favourites screen

→“Viewing the Favourites Screen”(P26)

2 Tap

3 Tap

Displays the voice tag registration screen.

4 Tap and say the words to be registered



When words that can be registered are recognized, a message is displayed. Tap [YES] and then [OK] to register the voice tag.

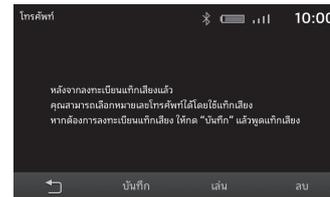
ADVICE

- To end voice tag registration, tap [Stop].

Checking the Voice Tags

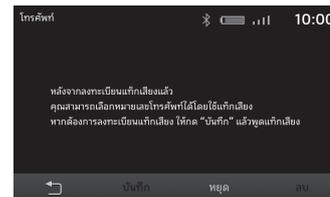
1 Complete the operations up to “Registering a voice tag”(P27) Step 3

2 Tap



Check the registered speech content.

3 Tap



ADVICE

- Tap [Delete] to delete the registered speech content.

Dial a Telephone

There are a number of ways to make a call. To be able to use contacts and history, the “Synchronising Contacts and History”(P131) setting must be “ON”.

CAUTION

- As much as possible, refrain from phone calls while driving. First stop your vehicle in a safe location.
- Some mobile phones restrict calls to the same number to no more than 4 times in 3 minutes.

Calling by Entering a Telephone Number

1 Press the **PHONE** key

Displays the Phone function screen.

2 Tap

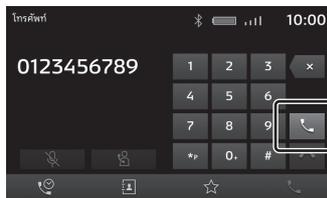
Displays the dial screen.

3 Entering a “phone number”

ADVICE

- To correct an entry, tap  to delete a single character at a time.
- Long press (P14)  for “P” (Pause), long press [0] to input “+”.

4 Tap



A call is started to the telephone number you entered.

Making a call from Call History

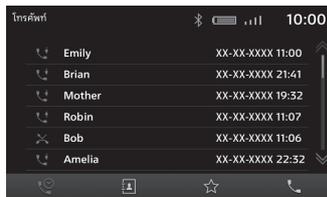
1 Press the **PHONE** key

Displays the Phone function screen.

2 Tap

The Call History screen will be displayed.

3 Tap a contact to call



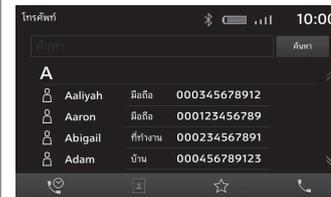
A call is started to the telephone number you selected.

Making a Call from a Phonebook

1 Display the Contacts

→“Display the Contacts”(P25)

2 Tap a contact to call



A call is started to the telephone number you selected.

ADVICE

- When there are a large number of contacts, use the search function to search for a particular contact. Enter relevant characters such as the first letter of the contact you want to search for and tap [Search].

Using Voice Recognition to Make a Call

- 1 Press the steering  key and speak "Voice tag" once you hear a beep

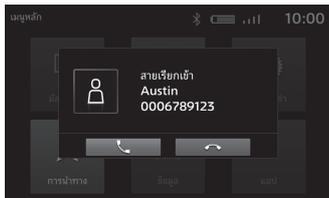
The call is connected to the telephone number of the voice tag you said.

ADVICE

- See "Voice Control"(P139) for more information.
- One or more voice tags must be registered. → "Registering a voice tag"(P27)

Incoming Calls

The incoming call ring is sounded and the incoming call screen is displayed.

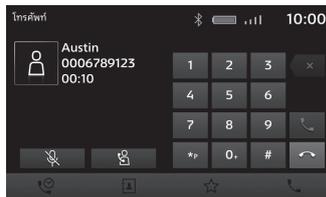


ADVICE

- Incoming call screen is not displayed if the application is not supported.

Answering an Incoming Call

- 1 Tap 



You can now talk with the calling party.

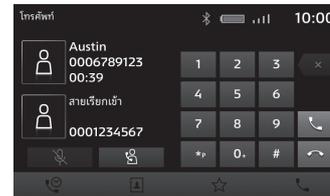
ADVICE

- Tapping  will ensure that the vehicle noise is not audible to the person on the other side of the call.
- Tap  to speak directly over a mobile phone that is connected via Bluetooth.

Use Call Waiting

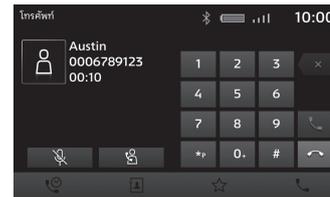
You can answer another call while in the middle of a call. Sometimes, you may need to separately subscribe to call-waiting services.

- 1 Tap  to accept another incoming call while you are already on a call



The first call will be put on hold and you can answer the new call.

- 2 Tap 



Ends the current call and return to the first call.

Ending a Telephone Call

- 1 Tap 

This ends the incoming call.

AV

The following explains audio function operations.

Audio Functions

Basic Operation

NOTE

- The album names, titles, etc. in the title information in pictures used with the audio functions and related functions of this manual were prepared for these explanations. They have no relationship whatsoever with actual title information.

Switch Audio ON/OFF

You can switch the audio function ON/OFF.

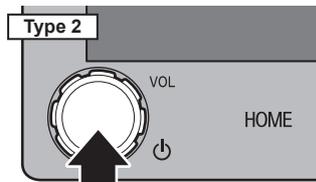
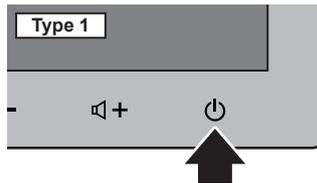
ADVICE

- Hold down the [MODE] key, [SOURCE] key, or [J] key on the steering wheel to switch ON/OFF the audio function.

- 2 Press the  key or the  key.

The audio function comes ON.

- 1 Press the  key or the  key.



This switches the audio function OFF.

Music files

The product can play the following types of music files recorded onto a USB memory:

- MP3
- WMA
- AAC
- WAV
- FLAC

There are restrictions on files and media that can be used. Hence, before saving (copying) the aforementioned music file types to media, please read the “Music files” section carefully. Be sure to read the User Manual of your writing software in order to use it correctly. The system can display the image data such as album names, titles, and jacket photographs contained in the music files.

CAUTION

- Please refrain from engaging into unlawful acts such as distribution or upload of the files written (copied) from music CDs onto Internet servers, regardless of whether the music was free or purchased.
- Please do not add a file extension (such as “.mp3”) that is not suitable for the file type. There is a possibility of recognition error when playing media containing such saved files, causing noise that may damage the speakers or cause other accidents.

ADVICE

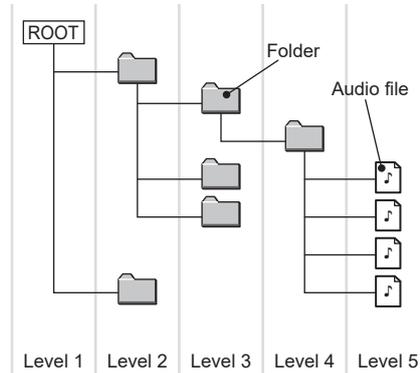
- Certain music files may not play correctly.
- Files may lack extensions depending on the computer operating system, version, software, and settings. In such cases, save (copy) the file to the media after appending an extension (“.mp3” etc.) to the file name.
- The system may not recognize the hidden files or the files in the hidden folders as music files.
- Files exceeding 2 GB and 4 GB cannot be played if the USB memory format is FAT16 and FAT32 respectively.
- Media including music files of mixed formats can be played.

Folder Structure

Up to eight levels of folders can be recognised.

Songs can be managed by creating levels in the following order:

Genre → Artist → Album → Track (audio file types that can be played back).



Item	Explanation
Maximum number of folder levels	8 levels (if the root is considered as level 1)
Maximum number of files ^{*1}	6000 files (Total file count in the Media folder. Excluding the unplayable files)
USB memory response format	FAT16 and FAT32. Supports only one partition.

*1) This does not apply to the files that cannot be played back. However, if many songs are stored in a same folder, the songs may not be recognised, even if the number of songs is under the maximum song limit. In such cases, store them in multiple folders.

NOTE

- The order in which folders and audio files are displayed on this product may be different to how they are displayed on a computer.

What Is MP3?

MP3 is an abbreviation of “MPEG-1AudioLayer 3”. MPEG is an abbreviation of “Moving Picture Experts Group”, and this is a video compression standard used in video CDs, etc.

MP3 is one of the audio compression methods contained in the MPEG audio standard, and reduces the quality of sounds that are beyond the auditory resolution of the human ear and that are hidden by louder sounds, thus creating high-quality data with a lower data size.

Because this can compress CD audio to approximately 1/10 its original data size without perceptible loss, approximately 10 CDs can be written to a single CD-R/RW disc.

CAUTION

- MP3 files created by using the standards other than those given below may not play back correctly, or file/folder names may not be displayed correctly.

Standards for MP3 Files That Can Be Played Back

Specifications for MP3 files that can be played are as below.

Item	Details
Specification	MPEG-1 AUDIO LAYER3
	MPEG-2 AUDIO LAYER3
	MPEG-2.5 AUDIO LAYER3
Sampling frequency [kHz]	MPEG-1:8/11.025/12/16/22.05/24/32/44.1/48
	MPEG-2:8/11.025/12/16/22.05/24/32/44.1/48
	MPEG-2.5:8/11.025/12/16/22.05/24/32/44.1/48
Bit rate [kbps]	MPEG-1:8 to 448
	MPEG-2:8 to 448
	MPEG-2.5:8 to 448
VBR (variable bit rate)	Support
Channel mode	Stereo/Joint stereo/Dual channel/Monaural
File extension	mp3
Supported tag information	ID3 tag Ver. 1.0, Ver. 1.1, Ver. 2.3, Ver. 2.4 (ISO-8859-1, UTF-16 (Unicode)), Titles, Artist name, Album name

What Is WMA?

WMA is an abbreviation of Windows Media Audio, and this is an audio compression format from Microsoft. This is a compression format that has a higher compression ratio than MP3.

CAUTION

- WMA supports digital rights management (DRM). This product cannot play back WMA files protected using this system.
- WMA files created by using the standards other than those given below may not play back correctly, or file/folder names may not be displayed correctly.
- “Lossless” audio codecs are not supported.

Standards for WMA Files That Can Be Played Back

Specifications for WMA files that can be played are as below.

Item	Details
Specification	Windows Media Audio Version2 to 10
Sampling frequency [kHz]	8/11.025/12/16/22.05/24/32/44.1/48/64/88.2/96
Bit rate [kbps]	1500 or less
VBR (variable bit rate)	Support
Channel mode	Stereo/Monaural
File extension	wma
Supported tag information	WMA tags Title name, Artist name, Album name

What Is AAC?

AAC is an abbreviation of Advanced Audio Coding, and this is an audio compression standard used in “MPEG-2” and “MPEG-4”. This features 1.4x the compression of MP3, with comparable audio quality.

CAUTION

- AAC supports digital rights management (DRM). This audio system cannot play back the AAC files protected by copyright.
- AAC files created by using the standards other than those given below and/or AAC files of ADIF format may not play back correctly, or file/folder names may not be displayed correctly.

Standards for AAC Files That Can Be Played Back

Specifications for AAC files that can be played are as below.

Item	Details
Specification	Advanced Audio Coding MPEG4/AAC-LC MPEG2/AAC-LC
Sampling frequency [kHz]	8/11.025/12/16/22.05/24/32/44.1/48/64/88.2/96
Bit rate [kbps]	8 to 256
VBR (variable bit rate)	Support
Channel mode	Stereo/Monaural
File extension	m4a,aac
Supported tag information	AAC tags or ID3 tags Title, Artist name, Album name

What Is WAV?

WAV is an abbreviation of “RIFF wave form Audio Format” and is mostly used on Windows. This audio data format was developed by Microsoft and IBM. Normally WAV files are not compressed and that is the only type of WAV file that this product can handle.

CAUTION

- WAV files created by using the standards other than those given below may not play back correctly, or file/folder names may not be displayed correctly.

Standards for WAV Files That Can Be Played Back

Specifications for WAV files that can be played are as below.

Item	Details
Specification	RIFF wave form Audio Format
Sampling frequency [kHz]	8/11.025/16/22.025/32/44.1
Number of quantization bits [bit]	16
Bit rate [kbps]	128 to 1411.2
Channel mode	Stereo/Monaural
File extension	wav

About FLAC

FLAC is an abbreviation of “Free Lossless Audio Codec” and is a license-free audio data format. It is characterized by a sound source made by lossless compression, assuring no degradation of the sound quality.

CAUTION

- FLAC files created by using the standards other than those given below may not play back correctly, or file/folder names may not be displayed correctly.

Standards for FLAC Files That Can Be Played Back

Specifications for FLAC files that can be played are as below.

Item	Details
Specification	FLAC 1.3.0
Sampling frequency [kHz]	8/11.025/12/16/22.05/32/44.1
Bit count[bit]	4 to 24
Channel mode	Stereo/Monorail/5.1ch down mix
File extension	flac
Supported tag information	Title, artist name, album name, jacket picture, genre

Video files

Video file types that can be played

The product can play MP4 and other video files recorded onto a USB memory.

For details, please read "*Specifications for video files that can be played back*"(P40).

There are restrictions on files and media that can be used. Hence, before saving (copying) the video file to media, please read the content in the right section carefully.

CAUTION

- Please do not add a file extension (such as ".mp4") that is not suitable for the file type. There is a possibility of recognition error when playing media containing such saved files, causing noise that may damage the speakers or cause other accidents.

ADVICE

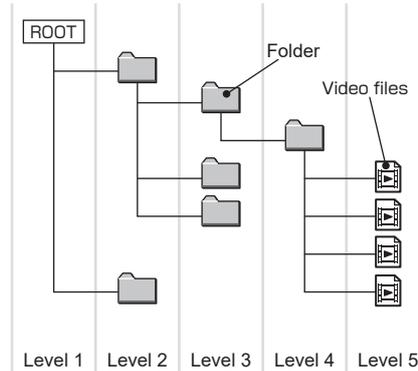
- Certain video files may not play properly.
- Files may lack extensions depending on the computer operating system, version, software, and settings. In such cases, save (copy) the file to the media after appending an extension (".mp4" etc.) to the file name.
- The system may not recognize the hidden files or the files in the hidden folders as video files.
- Files exceeding 2 GB and 4 GB cannot be played if the USB memory format is FAT16 and FAT32 respectively.
- Media including multiple types of video files can be played.

Folder Structure

Up to eight levels of folders can be recognised.

Videos can be managed by creating levels in the following order:

Genre → Created date → Title (video file types that can be played back).



Item	Explanation
Maximum number of folder levels	8 levels (if the root is considered as level 1)
Maximum number of file^{*1}	6000 files (Total file count in the Media folder. Excluding the unplayable files)
USB memory response format	FAT16 and FAT32 Supports only one partition.

*1) This does not apply to the files that cannot be played back. However, if many videos are stored in a same folder, the videos may not be recognised, even if the number of videos is under the maximum limit. In such cases, store them in multiple folders.

NOTE

- The order in which folders and files are displayed on this product may be different to how they are displayed on a computer.

Specifications for video files that can be played back

Specifications for video files that can be played are as below.

Format	File extension	Video					Audio
		Codec	Profile/level	Maximum resolution	Maximum bit rate	Maximum frame rate	Codec
MP4	mp4	H.264/ MPEG-4 AVC	Baseline Profile Level 3.1 Main Profile Level 3.1 High Profile/3.1	1920*1080	50Mbps	30fps	MP3 AAC Vorbis PCM/ADPCM
		MPEG-4 (ISO/IEC 14496 Part.2)	Advanced Simple Profile/5	1920*1080	40Mbps	30fps	
AVI 1.0/2.0 (Excluding DivX)	avi	H.264/ MPEG-4 AVC	Baseline Profile Level 3.1 Main Profile Level 3.1 High Profile/3.1	1920*1080	50Mbps	30fps	MP3 AAC WMA Vorbis PCM/ADPCM
		MPEG-4 (ISO/IEC 14496 Part.2)	Advanced Simple Profile/5	1920*1080	40Mbps	30fps	
		MPEG2	Main Profile	1920*1080	50Mbps	30fps	
MKV	mkv	H.264/ MPEG-4 AVC	Baseline Profile Level 3.1 Main Profile Level 3.1 High Profile/3.1	1920*1080	50Mbps	30fps	MP3 AAC WMA Vorbis FLAC PCM/ADPCM
		MPEG-4 (ISO/IEC 14496 Part.2)	Advanced Simple Profile/5	1920*1080	40Mbps	30fps	
		MPEG2	Main Profile	1920*1080	50Mbps	30fps	
FLV	flv	H.264/ MPEG-4 AVC	Baseline Profile Level 3.1 Main Profile Level 3.1 High Profile/3.1	1920*1080	50Mbps	30fps	MP3 AAC PCM/ADPCM
		MPEG-4 (ISO/IEC 14496 Part.2)	Advanced Simple Profile/5	1920*1080	40Mbps	30fps	
		RealVideo	Profile 8/9/10	1920*1080	40Mbps	30fps	
MPEG	mpg mpeg	H.264/ MPEG-4 AVC	Baseline Profile Level 3.1 Main Profile Level 3.1 High Profile/3.1	1920*1080	50Mbps	30fps	MP3 AAC PCM/ADPCM
		MPEG2	Main Profile	1920*1080	50Mbps	30fps	
RMVB	rmvb rm	RealVideo	Profile 8/9/10	1920*1080	40Mbps	30fps	AAC RealAudio(cook mono/stereo)
MOV	mov	H.264/ MPEG-4 AVC	Baseline Profile Level 3.1 Main Profile Level 3.1 High Profile/3.1	1920*1080	50Mbps	30fps	AAC
		MPEG-4 (ISO/IEC 14496 Part.2)	Advanced Simple Profile/5	1920*1080	40Mbps	30fps	

 **CAUTION**

- Video files created by using the standards other than those mentioned above may not play back correctly, or file/folder names may not be displayed correctly.

Radio

Listen to Radio

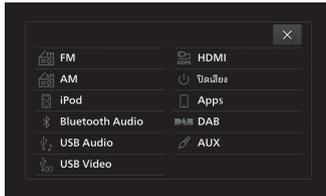
This explains how to listen to FM and AM radio broadcasts.

NOTE

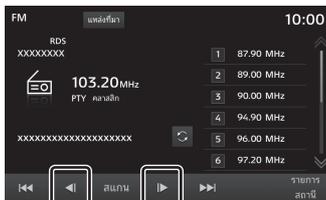
- Radio frequencies vary depending on region.

1 Display the Multimedia Menu (→P19)

2 Tap **FM** or **AM**



3 Tap **◀** or **▶** to select the station

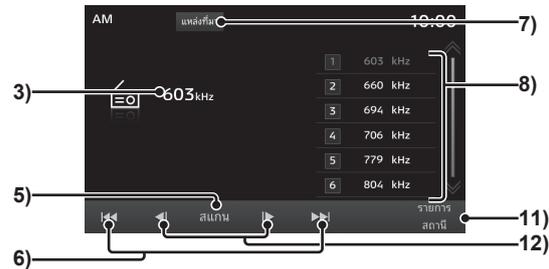
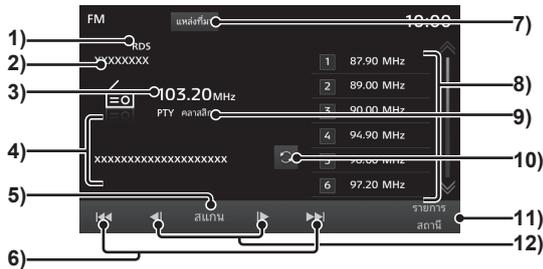


The station at the selected frequency is played.

ADVICE

- If the product type is **Type 2**, rotate the [TUNE/SOUND] key to tune the radio.→“This Product”(P11)
- If your car is equipped with a navigation system, press the [NAV] key to display the navigation screen while using the audio function. Pressing the [MEDIA] key returns the display to the audio screen.

Radio Broadcast Information Screen



1) Indicator

Displays the indicator when AF Check/TP Standby is ON, REG station/RDS is received*1 (P128), and running a scan (P44).

2) Station name

Displays the name of the currently selected station.

3) Frequency

Displays the currently selected frequency.

4) Radio Text

Displays artist name, title, album name and Radio Text. If the text doesn't fit in the screen, "..." will be displayed at the end of the line. Tap the text to display the entire text.

5) Scan

Searches for the stations that can be received. → "Starting the Scan" (P44)

6) ⏪ , ⏩

Receivable stations can be searched one at a time.

7) Source

Displays the Multimedia Menu (→ P19).

8) Preset button

Allows you to register your favourite stations (→ P44).

9) PTY

Displays the PTY (Programme Type) you are currently receiving.

Displays "TRAFFIC INFO" while traffic information is being received.

Displays "ALARM!" while emergency information is being received.

→ "Listen to the Traffic Information/Emergency Information" (P45)

10) 📄

Switches to Radio Text display.

11) Station List

Displays the list of available stations.

→ "Search for Broadcast Stations from the Station List" (P45)

12) ⏪ , ⏩

Used for changing the frequency.

*1) Equipment by region.

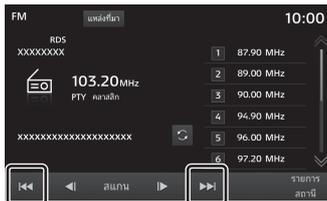
Search for Broadcast Stations with Strong Signals

This is handy for searching the broadcast stations you can receive when you drive to an area where the received wavelengths are different from usual, such as when you have travelled to a new area.

Starting the Seek

Receivable stations can be searched one at a time.

1 Tap either or on the radio broadcast information screen



When a receivable station is found, it is played.

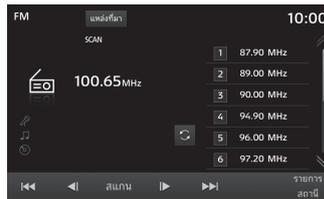
ADVICE

- While long pressing  or , the Seek is continued even when receivable stations are found.

Starting the Scan

This searches for stations that can be received.

1 Tap on the radio broadcast information screen



When a station is received, this is played for 10 seconds, then the product searches for the next station.

Cancelling a Scan

1 During the scan, touch again.

The scan is cancelled.

Register Your Favourite Broadcast Stations

You can save your favourite 12 stations in FM and 6 stations in AM.

1 Tap either or on the radio broadcast information screen to search for the station you want to register

ADVICE

- If the type of product is **Type 2**, rotate the [TUNE/SOUND] key to search the station you want to register. → "This Product"(P11)

2 Hold down the desired Preset button until you hear it beep → "How to Operate"(P14)



The station will be registered in the Preset button you hold down.

Search for Broadcast Stations from the Station List

Searches for the broadcast stations and displays the list of stations that can be received.

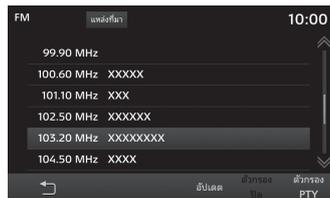
1 Tap **Station List** on the radio broadcast information screen

Displays the list of stations that can be received.

NOTE

- The FM Station List will be automatically updated before being displayed.

2 Tap the station you want to listen to



Switches to that station.

Narrowing Down the Station List

The broadcast stations that can be received can be narrowed down by genre. This applies only for FM reception.

1 Tap **PTY Filter** while the Station List is being displayed

The genre list is displayed.

2 Tap the “Genre” you want to listen to



A station list for just the selected genre is displayed.

ADVICE

- Tapping [Filter Off] on the Station List clears the search filter.

Updating the Station List

Stations that can be received can be updated manually.

1 Tap **Update** while the Station List is being displayed

This displays the list of stations that can be received.

Equipment by region

Listen to the Traffic Information/Emergency Information

When traffic or emergency information is received, the screen will automatically switch to the station broadcasting the information. To automatically switch stations when traffic information is received, set “TP Standby” ON. → “Radio Setting”(P128)

ADVICE

- When switching to a station broadcasting traffic or emergency information, a message will pop-up. Tap [Cancel] to end the broadcast and go back to the previous screen.

Equipment by region

Listen to DAB (Digital Audio Broadcast)

This explains how to listen to DAB.

NOTE

- DAB (Digital Audio Broadcast) is a technique of digital radio broadcasting. It provides digital quality sound as well as text data.
This technique forms an “ensemble” by combining several programs, and this ensemble may have sub-components containing the programs or other information on major radio stations.

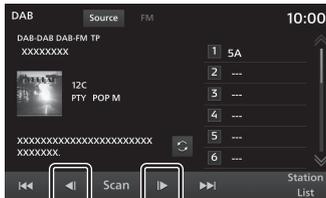
ADVICE

- If the product type is **Type 2**, rotate the [TUNE/SOUND] key to tune the radio.→“This Product”(P11)
- Going to the first service or last service within the ensemble switches to the next ensemble.
- If your car is equipped with a navigation system, press the [NAV] key to display the navigation screen while using the audio function.
Pressing the [MEDIA] key returns the display to the audio screen.

1 Display the Multimedia Menu (→P19)

2 Tap **DAB**

3 Tap or to select the station



The service at the selected station is played.

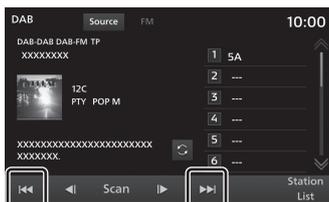
Search for Broadcast Stations

This is handy for searching the broadcast stations you can receive when you drive to an area where the received wavelengths are different from usual, such as when you have travelled to a new area.

Starting the Seek

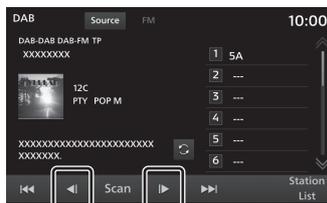
Receivable stations can be searched one at a time.

1 Tap either or on the DAB Information Screen



Receives and plays the first service in the ensembles that can be received.

2 Tap or to select the station



The service at the selected station is played.

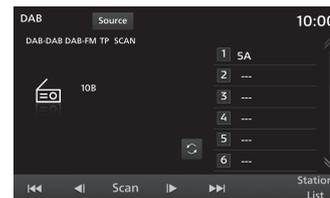
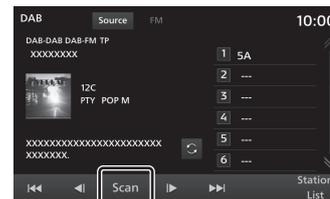
ADVICE

- If the product type is **Type 2**, rotate the [TUNE/SOUND] key to tune the radio. → "This Product"(P11)
- Going to the first service or last service within the ensemble switches to the next ensemble.

Starting the Scan

This searches for stations that can be received.

1 Tap on the DAB Information Screen



When a station is received, this is played for 10 seconds, then the product searches for the next station.

ADVICE

- Scans are performed by service instead of by ensemble.

Cancelling a Scan

1 During the scan, touch again.

The scan is cancelled.

Register Your Favourite Broadcast Stations

You can register your favourite 18 stations.

- 1 Tap either  or  on the DAB Information Screen to search for the station you want to register

ADVICE

- If the type of product is **Type 2**, rotate the [TUNE/SOUND] key to search the station you want to register. → "This Product"(P11)

- 2 Hold down the desired Preset button until you hear it beep → "How to Operate"(P14)



The station will be registered in the Preset button you hold down.

Search for Broadcast Stations from the Station List

Searches for the broadcast stations and displays the list of stations that can be received.

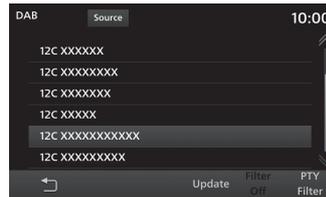
- 1 Tap **Station List** on the DAB Information Screen

Displays the list of stations that can be received.

NOTE

- The Station List will be automatically updated before being displayed.

- 2 Tap the station you want to listen to



Switches to that station.

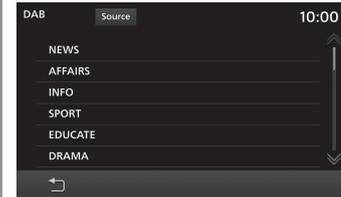
Narrowing Down the Station List

The broadcast stations that can be received can be narrowed down by genre.

- 1 Tap **PTY Filter** while the Station List is being displayed

The genre list is displayed.

- 2 Tap the "Genre" you want to listen to



A station list for just the selected genre is displayed.

ADVICE

- Tapping [Filter Off] on the Station List clears the search filter.

Updating the Station List

Stations that can be received can be updated manually.

- 1 Tap **Update** while the Station List is being displayed

This displays the list of stations that can be received.

iPod/USB

Play iPod

iPod voice can be played on the main unit by connecting the iPod with a commercially available connection cable.

CAUTION

- Never hold an iPod in your hand to operate while driving, as this is dangerous.
- Please do not leave the iPod in your vehicle in order to prevent theft or malfunction due to high temperature.
- No indemnification will be possible for any iPod data lost while the iPod is connected to the product.
- Depending on how the devices are handled, audio files being damaged or lost, therefore it is recommended that data be backed up.

NOTE

- This guide refers to iPhone and iPod as “iPod”. Hence, the term “iPod” includes iPhone.
- Please operate when iPod is connected to the product.
- Please read your vehicle's user manual regarding how to connect an iPod.

NOTE

- Playback using the product may not be possible if the product does not support the iPod version, model, or software version. (→P8)
Furthermore, in some cases the actual operation methods for playback may differ from those described in this guide.
- After a software update, the functions available while the iPod is connected to the product may change.
- If you connect the product with your iPod as a Bluetooth capable audio device, the iPod cable needs to be detached from it. It will not operate properly when connected both ways simultaneously.
- If the behaviour of iPod is abnormal, please remove the iPod from the product, reset and connect again.
- Set up the device in order that no unsafe actions, such as plugging in the connection cable are taken while driving.
- When connecting or disconnecting the iPod with the product, stop the vehicle first for safety purposes.
- Depending on the status of the iPod, it may take some time for the product to recognize the iPod or start the playback.
- The product buttons are unavailable for use when the iPod is connected.
- Depending on the iPod specifications and settings, it may not be possible to connect the iPod with the product or the display and operations may vary even if it is connected successfully.

NOTE

- The song information may not be displayed properly depending on the music data in the iPod.
- Depending on the status of the vehicle and device, the iPhone/iPod may not play back after starting the engine.
- Data containing copyright information may not play back.
- It is recommended that the iPod Equaliser be set to FLAT.

1 Display the Multimedia Menu (→P19)

2 Tap iPod

The iPod playback information screen is displayed.

3 Tap the playback list to select the song



The selected track is played back.

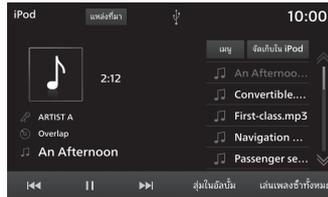
ADVICE

- You can also select the song by tapping either **[◀◀]** or **[▶▶]**.
- If the type of product is **Type 2**, you can rotate the **[TUNE/SOUND]** key to select a track. → "This Product" (P11)
- Displays the Multimedia Menu screen if **[MEDIA]** key is pressed when there is no media that can be played back.
- By long pressing (P14) **[◀◀]** or **[▶▶]**, the currently playing track can be fast forwarded or rewind.
- If your car is equipped with a navigation system, press the **[NAV]** key to display the navigation screen while using the audio function. Pressing the **[MEDIA]** key returns the display to the audio screen.

Switch Playback Mode

You can play the audios on Repeat or Shuffle mode.

- 1 From the iPod playback information screen, tap the mode you want to switch to



Playback in the selected mode starts.

Play Mode

Repeat	Each tap switches between [Repeat All]→[Repeat Song]→[Repeat Off]. Repeat All: The songs within the level being played are played repeatedly. Repeat Song: The song currently being played is played repeatedly.
Shuffle	Each tap switches between [Shuffle All]→[Shuffle Album] ¹⁾ →[Shuffle Off]. Shuffle All: The songs within the level being played are played in random order. Shuffle Album: All the albums within the level being played are played in random order. The song order within the album doesn't change.

*1) This may not be supported depending on the iPod.

ADVICE

- In Repeat mode, the audios will continue to be repeatedly played even if you choose Shuffle playback and Shuffle Album playback.

iPod Playback Information Screen



1) Playback time

2) Jacket

If there is a jacket photo in the title information, it will be displayed.

3) Artist

If there is an artist name in the title information, it will be displayed.

4) Album name

If there is an album name in the title information, it will be displayed.

5) Song name

If there is a song name in the title information, it will be displayed.

6) , , ,

Tracks can be selected, paused, and played. By long pressing (P14)  or  , the currently playing track can be fast forwarded or rewound.

7)

Displays the Multimedia Menu(→P19).

8)

A list of various categories can be displayed.
→“Search by Category List”(P53)

9)

When two iPods are connected, you can switch to the iPod you want to play the songs from.
→“Switching between iPods”(P53)

10) Playback list

Displays the music playlist.
To start the playback, tap the song (track) you want to play.

11) Playback Mode button

Tap the appropriate button to select the desired playback mode.
→“Switch Playback Mode”(P51)

Search by Category List

You can search for the song you want to listen to while checking the album and song names by tapping through the list.

1 Tap **Menu on the iPod playback information screen**

2 Tap “Category”



Category

3 Tap the “item” to play from the list



A list in the selected items is displayed. Repeat Step 3 to search for a song (track). To start the playback, tap the song (track) from the list that you want to play.

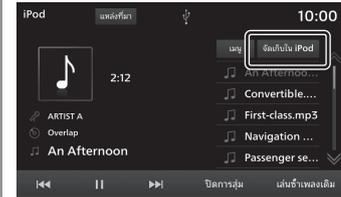
ADVICE

- The level of items operated on in Step 3 depends on which category you selected in Step 2.
- The title information recorded into the iPod is displayed on the list.
- Tap  to display the immediately previous list.

Switching between iPods

When two iPods are connected to the product, you can switch to the iPod you want to play the songs from.

1 Tap **iPod Storage on the iPod playback information screen**



2 Tap the “iPod” you want to connect to



The iPod from which the audios are to be played is selected.

3 Tap the song you want to play

The selected track is played back.

Listen to a music file from USB memory

You can play music files recorded in a commercially available USB memory drive by connecting the drive to this product.

⚠ CAUTION

- Never hold a USB memory drive in your hand to operate while driving, as this is dangerous.
- Please do not leave the USB memory drive in your vehicle in order to prevent theft or malfunction due to high temperature.
- Do not use hard discs, card readers, or memory readers, as damage may occur to these or to the data contained therein. If these are erroneously connected, then turn the engine/power switch "OFF", then remove.
- No indemnification will be possible for any kind of data loss from the USB memory drive.
- Depending on how the devices are handled, audio files being damaged or lost, therefore it is recommended that data be backed up.

NOTE

- Please operate the USB memory drive with recorded music files while it is connected to the product.
- Please read your vehicle's user manual regarding how to connect a USB memory drive.

NOTE

- It may not be possible to use certain types of USB memory drives with this product or the available functions may be restricted even if the drive can be used.
- The supported USB memory drive file systems are FAT16 and FAT32.
- Supported USB memory capacity is maximum 32 GB.
- The supported USB connector cables are USB1.1 and 2.0.
- Please use a commercially available cable to connect the USB memory drive. An excessive load generated on the USB connector when it is connected without a cable may damage the connector.
- Set up the device in order that no unsafe actions, such as plugging in the connection cable are taken while driving.
- When connecting or disconnecting the USB memory with the product, stop the vehicle first for safety purposes.
- Do not insert other than audio devices into the USB port. Damage to the device or equipment may result.
- Depending on the status of the USB memory drive, it may take some time for the product to recognize the USB memory drive or start the playback.
- Depending on the USB device, the product buttons may be unavailable while the device is connected.
- Data containing copyright information may not play back.

NOTE

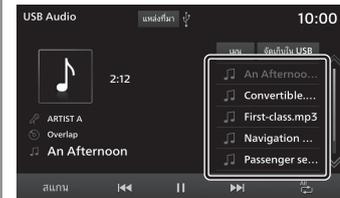
- Depending on the USB memory specifications and settings, it may not be possible to connect the USB memory with the product or the display and operations may vary even if it is connected successfully.
- The song information may not be displayed properly depending on the music data in the USB memory.
- Depending on the status of the vehicle and device, the iPhone/iPod may not play back after starting the engine.

1 Display the Multimedia Menu (→P19)

2 Tap **USB Audio**

The playback information screen is displayed.

3 Tap the playback list to select the song



▼
The selected track is played back.

ADVICE

- You can also select the song by tapping either  or .
- If the type of product is **Type 2**, you can rotate the [TUNE/SOUND] key to select a track. →“This Product”(P11)
- Displays the Multimedia Menu screen if [MEDIA] key is pressed when there is no media that can be played back.
- By long pressing (P14)  or , the currently playing track can be fast forwarded or rewind.
- If your car is equipped with a navigation system, press the [NAV] key to display the navigation screen while using the audio function. Pressing the [MEDIA] key returns the display to the audio screen.

Switch Playback Mode

Repeat playback, random playback, and scan playback are possible.

NOTE

- When the playlist is played, the details of the mode that can be changed differ. The playlist can be played from the category list. →“Search by Category List”(P57)

1 Tap the “Playback Mode” button on the USB Audio playback information screen



2 Tap the desired “Mode”



Playback in the selected mode starts.

Play Mode

 Single repeat	The song currently being played is played repeatedly.
 Folder repeat	Repeatedly plays the songs from the folder that hosts the currently playing song.
 All repeat	Repeatedly plays all the songs displayed on the music playlist.
 Folder random	Plays all the songs from the folder that hosts the currently playing song.
 All random	Plays all tracks from the music playlist in random order.

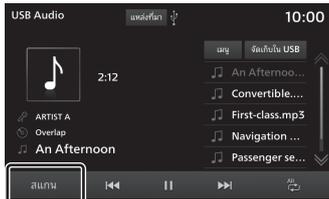
When playing the playlist

 Single repeat	The song currently being played is played repeatedly.
 All repeat	Repeatedly plays the songs from the playlist containing the song that is playing currently.
 All random	Randomly plays the songs in the playlist of the song that is playing currently.

Scan Playback

Plays the first 10 seconds of each song in order.

1 Tap **Scan** on the USB Audio playback information screen



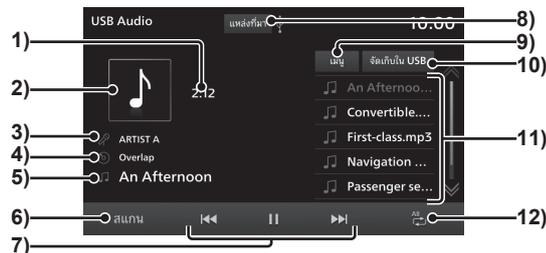
Starts Scan playback.

ADVICE

- When SCAN playback is initiated during Single Repeat, All Repeat, or All Random playback, the first 10 seconds of each song in all folders in the playlist will be played in order.
- When SCAN playback is initiated during Folder Repeat, or Folder Random playback, the first 10 seconds of each song in the folder will be played in order.
- Scan playback is not possible when the playlist is being played(P57).

Display Contents

Playback Information Screen



1) Playback time

2) Jacket

If there is a jacket photo in the title information, it will be displayed.

3) Artist

If there is an artist name in the title information, it will be displayed.

4) Album name

If there is an album name in the title information, it will be displayed.

5) Song name

If there is a song name in the title information, it will be displayed.

6) Scan

Starts scan playback. Tapping again will stop the scan playback.

7) **⏮** , **⏸** , **⏪** , **⏩**

Tracks can be selected, paused, and played. By long pressing (P14) **⏮** or **⏩** , the currently playing track can be fast forwarded or rewound.

8) Source

Displays the Multimedia Menu(→P19).

9) Menu

Lists of various categories can be displayed. →“Search by Category List”(P57)

10) USB Storage

When two USB memory drives are connected, you can switch to the USB you want to play from. →“Switching the USB memory connection”(P57)

11) Playback list

Displays the music playlist.
To start the playback, tap the song (track) you want to play.

12) Playback Mode button

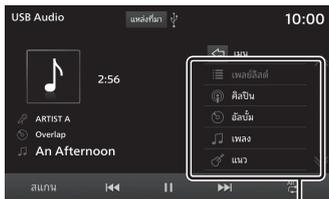
Tap the appropriate button to select the desired playback mode. →“Switch Playback Mode”(P55)

Search by Category List

You can search for the song you want to listen to while checking the album and song names by tapping through the list.

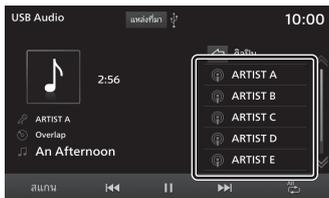
1 Tap **Menu on the USB Audio playback information screen**

2 Tap “Category”



Category

3 Tap the “item” to play from the list



A list in the selected items is displayed.
Repeat Step 3 to search for a song (track).
To start the playback, tap the song (track)
from the list that you want to play.

ADVICE

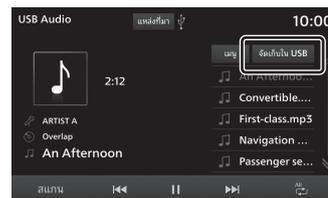
- The level of items operated on in Step 3 depends on which category you selected in Step 2.
- Tap  to display the immediately previous list.
- A wpl file (playlist definition file) is required to play your playlists. Store the wpl file in the Media root folder.*¹

*1) If the folder structure under the root level differs from the wpl file folder structure, the list cannot be recognised.→“Folder Structure”(P32)

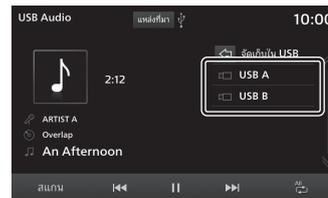
Switching the USB memory connection

When two USB memory drives are connected to the device, you can switch to the USB you want to play the songs from.

1 Tap **USB Storage on the USB Audio playback information screen**



2 Tap the USB memory you want to connect to



The USB memory to be played from is selected.

3 Tap the song you want to play

The selected track is played back.

Watching videos from the USB memory

You can play video files recorded in a commercially available USB memory drive by connecting the drive to the product.

1 Display the Multimedia Menu (→P19)

2 Tap **USB Video**

Displays the video file playback screen.

3 Tap the playback list to select the video



Playback of the selected video starts.

CAUTION

- Audio-only while the vehicle is in motion.
- When viewing the images, please stop the vehicle in a safe place where parking is allowed.
- Using this system when the engine is not running may cause difficulty restarting the engine, depending on the battery charge level.

ADVICE

- Displays the Multimedia Menu screen if [MEDIA] key is pressed when there is no media that can be played back.
- You can also select the video by tapping either **⏮** or **⏭**.
- If the type of product is **Type 2**, rotate the [TUNE/SOUND] key to select a video.→“This Product”(P11)
- By long pressing (P14) **⏮** or **⏭**, the currently playing track can be fast forwarded or rewind. *1

*1) When using AVRCP v1.3, v1.4 and above

Display Contents

This explains the control screen displayed during playback.



1) Title

Displays the title of the video being played.

2) Video display area

Displays video images. When double-tapped (P14), the display switches to full-screen.

Double-tapping the full-screen display returns the display to normal.

3) Progress bar

By tapping the progress bar, the playback start position can be specified.

4) Playback time

5) *1

Switches to full-screen display and zooms in on the image.

A full-screen display becomes  and returns to normal display when you tap it.

6)

Displays the Multimedia Menu(→P19).

7)

Takes you one level higher or displays the USB Storage list *2.

When two USB memory drives are connected, you can switch to the one you want to play videos from.

→“Switching the USB memory connection”(P57)

8) Playback list

Displays the video playlist.

Tap the video you want to play to start the playback.

9) , , ,

You can select the files, and pause or play the audio.

By long pressing (P14)  or  , the currently playing track can be fast forwarded or rewound.

*1) Tapping the screen during full-screen display shows the menu.

*2) If the USB memories are not named, then they will be displayed as “Root A” and “Root B”.

External Input Devices

Use Bluetooth Audio

This product can play songs saved in the commercially available Bluetooth capable audio devices.

CAUTION

- Never hold a Bluetooth capable audio device in your hand to operate while driving, as this is dangerous.
- Please do not leave the Bluetooth audio device in your vehicle, in order to prevent theft or malfunction due to high temperature.
- No indemnification for Bluetooth audio data loss will be possible.
- Depending on how the devices are handled, audio files being damaged or lost, therefore it is recommended that data be backed up.

NOTE

- Depending on the type of Bluetooth-capable audio devices, usage may not be possible, or functions that can be used may be restricted.
- After a software update, the functions available while the iPod is connected to the product may change.
- Confirm together with the user manuals for the commercially-available Bluetooth-capable audio devices.

NOTE

- Depending on the type of Bluetooth-capable audio devices, volume levels may differ. There is the danger of loud volumes, so prior to use, it is recommended that you turn the volume down.→“Adjust Volume”(P13)
- Depending on the status of the Bluetooth audio device, it may take some time until the device is recognized, or playback starts.
- Bluetooth audio device specifications and settings may mean that connection is not possible, or result in differences in operation or display.
- The song information may not be displayed properly depending on the music data in the Bluetooth audio device.
- Depending on the status of the vehicle and device, the iPhone/iPod may not play back after starting the engine.
- Data containing copyright information may not play back.
- It is recommended that the Bluetooth audio device equaliser settings be set to flat.

Supported Profiles and Functions

This section explains the functions supported for each profile.

Function	A2DP
Audio output during playback ^{*1}	○

*1) Sampling rate: 44.1 kHz

Function	AVRCP		
	v1.0	v1.3	v1.4 or higher
Play/Pause operations	○	○	○
Fast forward/Rewind operations	○	○	○
Track selection operation	○	○	○
Album selection operation	×	×	×
Repeat play operation	×	○	○
List display	×	×	○
Playback information display	×	○	○
Remaining battery display	○	○	○
Album list display	×	×	×
Song selection from album list	×	×	×

Connect a Bluetooth capable Audio Device

This product and the Bluetooth capable audio device use the Bluetooth function to connect. For details on how to connect, read “Bluetooth Setting”(P130).

Operation methods below describe situations once connection has been completed.

NOTE

- If you connect the product with your iPod as a Bluetooth capable audio device, the iPod cable needs to be detached from it. It will not operate properly when connected both ways simultaneously.

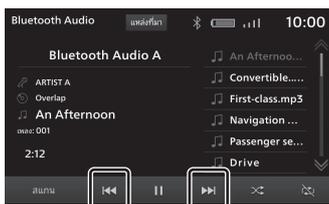
Listen to a Bluetooth capable Audio Device

1 Display the Multimedia Menu (→P19)

2 Tap **Bluetooth Audio**

The Bluetooth audio playback information screen is displayed.

3 Tap **⏮** or **⏭** to select a song



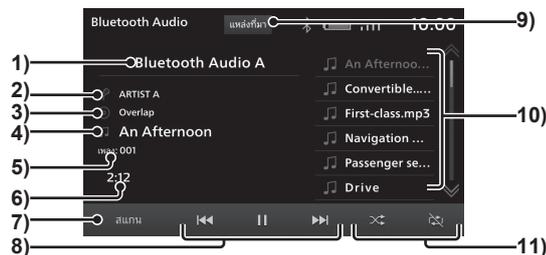
ADVICE

- If the type of product is **Type 2**, you can rotate the [TUNE/SOUND] key to select a track. →“This Product”(P11)
- Displays the Multimedia Menu screen if [MEDIA] key is pressed when there is no media that can be played back.
- By long pressing (P14) **⏮** or **⏭**, the currently playing track can be fast forwarded or rewind. *1
- If your car is equipped with a navigation system, press the [NAV] key to display the navigation screen while using the audio function. Pressing the [MEDIA] key returns the display to the audio screen.

*1) Only when using AVRCP v1.3, v1.4 or higher.

Display Contents

Playback Information Screen



1) **Device***1

Displays the name of the connected device.
If no information is available “No name” is displayed.

2) **Artist name***1*2

If artist information is not available, “No name” is displayed.

3) **Album name***1*2

If album information is not available, “No Title” is displayed.

4) **Track name***1*2

If track information is not available, “No Title” is displayed.

5) **Track number***1*2

Displays the track number.

6) **Playback time**

7) **SCAN***1*2

Starts scan playback. Tapping again will stop the scan playback.

→“Scan Playback”(P62)

8) **⏮**, **⏸**, **⏭**, **⏭**

You can select, play, or pause the tracks.
By long pressing (P14) **⏮** or **⏭**, the currently playing track can be fast-forwarded or rewind.

9) **Source**

Displays the Multimedia Menu(→P19).

10) **Playback list***3

Displays the music playlist.
To start the playback, tap the song (track) you want to play.

11) **Playback Mode button***1*2

Tap the appropriate button to select the desired playback mode.
→“Switch Playback Mode”(P62)

*1) Not displayed when your Bluetooth device is not compatible or when information cannot be obtained.

*2) Not displayed when using AVRCP v1.0.

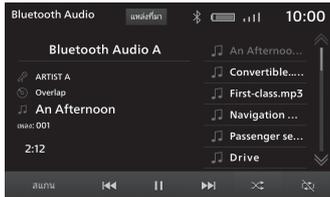
*3) Displayed only when using AVRCP v1.4 or higher.

Switch Playback Mode

You can initiate repeat playback.

* This function cannot be used when AVRCP is v1.0.

1 Tap the “Playback Mode” button on the Bluetooth Audio playback information screen



Playback in the selected mode starts.

Play Mode

* Depending on the type of Bluetooth-capable audio devices, the details of playback modes may differ. Certain playback modes may not be supported on certain devices.

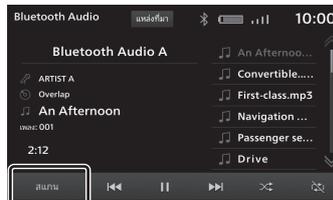
Repeat	Each tap switches between  (All Repeat)→  (Single Repeat)→  (Repeat OFF). All Repeat: Repeatedly plays all the songs from the music playlist. Single Repeat: The song currently being played is played repeatedly.
Random	Each tap switches between ON→OFF. Random: Plays all tracks from the music playlist in random order.

Scan Playback

Plays the first 10 seconds of each song in order.

* Depending on the type of Bluetooth-capable audio devices, Scan playback may not be possible.

1 Tap **Scan** on the Bluetooth Audio playback information screen.



Starts Scan playback.

Equipment by type

Use HDMI

To input and play back images and sound, connect a commercially available HDMI cable and HDMI output device with the product.

CAUTION

- Audio-only while the vehicle is in motion.
- When viewing the images, please stop the vehicle in a safe place where parking is allowed.
- Using this system when the engine is not running may cause difficulty restarting the engine, depending on the battery charge level.

NOTE

- HDMI1.3 is supported.
- The supported image formats are 480p or 720p.
- HDMI output device images cannot be output to an external device.

Viewing HDMI images

1 Display the Multimedia Menu
(→P19)

2 Tap **HDMI**



This displays the HDMI output device images.

NOTE

- Please read the user manual of the device for how to operate an HDMI output device.

Equipment by type

Listening to Rear Entertainment System sound

If the product is equipped with Rear Entertainment System, then you can use the product to listen to the sound being played on the Rear Entertainment System.

CAUTION

- Using this system when the engine is not running may cause difficulty restarting the engine, depending on the battery charge level.

NOTE

- Rear Entertainment System images cannot be viewed.
- The video images being played by the product cannot be viewed using the Rear Entertainment System.
- Please lower the audio volume before switching to Rear Entertainment System.

Outputting Audio

1 Display the Multimedia Menu
(→P19)

2 Tap **AUX**



Rear Entertainment System sound is output.

CAUTION

- Audio-only while the vehicle is in motion.
- Depending on the installed Rear Entertainment System, images may be displayed.
- When viewing the images, please stop the vehicle in a safe place where parking is allowed.

NAVI

This section describes the operations regarding Equipment by type navigation function.

Basic Operation

Navigation Functions

What is Navigation?

Navigation is a system that measures the location of your car and guides you along the route to the set destination. Your car's location displayed on the map is measured with the "GNSS" and "Map matching" functions.

GNSS(Global Navigation Satellite System)

A system that uses satellites to detect locations is known as a "GNSS".

This product uses the following satellite systems: "GPS", "SBAS", "QZSS (L1C/A+L1S)", and "GLONASS".

- Measuring your car's location takes about 2 minutes in a location with a good view. The first time this product is used or it is used after a long while, it takes about 5 minutes to measure your car's location.

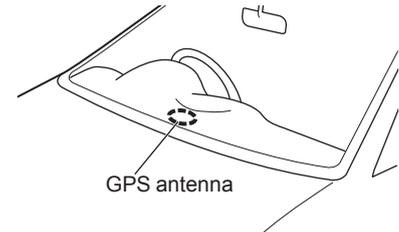
Map Matching

"Map matching" is a function that compares the route tracking data for your car with the road configuration in the map data, estimates the road you are driving on, and displays this on the map.

CAUTION

- The map displayed for navigation and the traffic rule information were prepared based on various types of information when the map data was prepared, so they may differ from the actual roads and traffic regulations. Always follow the actual roads and obey the actual traffic regulations.

GPS Antenna



The location of your car is measured by receiving weak radio signals from GPS satellites with the "GPS antenna".

ADVICE

If the radio signals from the GPS satellite are blocked, the location of your car may not be displayed in the correct location, so observe the following rules.

- Do not paste a mirror type film or shade film that contains carbon onto the windshield.
- Do not place anything on or near the GPS antenna.
- Do not use a mobile phone, PHS, computer, etc. near the GPS antenna.

Map Data

The map data may contain wrong or missing characters, incorrect locations etc.

Position Measurement

When Accurate Position Measurement Is Not Possible

Radio signals from GPS satellites cannot be received in locations such as in tunnels, indoor parking garages, locations surrounded by high buildings, mountains or trees, under motorways and elevated train lines. In such cases, the position measurement uses autonomous navigation based on the gyro sensor and speed sensor, so accurate measurement of your car's location may become impossible.

Measurement Error

When radio signals cannot be received from GPS satellites, measurement error occurs easily and the location of your car may not be displayed correctly. If you keep on driving, when it becomes possible to receive radio signals from GPS satellites, the error in the current location will be automatically corrected.

Reasons Why the Location of Your Car Is Not Displayed Correctly

- When a motorway and general road are near each other
- When driving roads laid out in a grid
- When driving on a mountain road with a sharp slope
- When turning left or right after having driven a long while on a straight road
- Immediately after the engine/power is switched ON
- When driving at slow speed, for example on a congested road or in a parking lot (Because some cars do not output a vehicle speed signal when driving too slow)
- When travelling with chains on the tyres
- When the vehicle was turned on a turntable or the like
- When driving through a fork in the road with a small angle between the two branches
- After the vehicle has been moved by ferry or the like
- When driving in a multi-level parking garage or on a spiral road
- When zig-zagging on a wide road
- When a tyre has been replaced with the emergency spare
- When driving on snow, sand, or other slippery road

3D Position Measurement

When effective radio signals for which positional precision can be expected can be received from four or more GPS satellites, the 3D position of latitude, longitude, and altitude can be calculated.

2D Position Measurement

When effective radio signals for which positional precision can be expected can be received from three or more GPS satellites but not enough for 3D position measurement, the altitude is assumed to have remained the same since the last time it could be measured and only the 2D of latitude and longitude can be calculated. In this case, the positional precision is less than for 3D position measurement.

Non-measurable Position

When effective radio signals from GPS satellites for which positional precision can be expected cannot be received, the position is not measured.

Route Search Methods

- The route shown in the guidance is only a reference route to the destination, and is not necessarily the shortest route or route avoiding congestion.
- Not all roads are used in route guidance.
- Routes using ferries are set to be less recommended than normal roads. Therefore, even when a ferry provides a quicker route to the destination, a route not using the ferry may be displayed.
- When a toll road interchange, parking area, or service area is set as the destination or as a waypoint, select from an establishment search and set without scrolling the map.
- Sometimes, the route is not the same as the one prepared previously even though the same locations were set as the destination and waypoints.
- Sometimes routes are displayed that include pedestrian ways, stairs, etc. that are not passable by vehicle.
- If there is no road to the destination or only narrow roads, a route may be displayed that goes to some place apart from the destination.
- Sometimes routes are searched that take traffic rule information into account.
- Sometimes, some temporary rules are not taken into account or the time for which they are applied differs from when they are actually in effect.

Route Guidance

- When your car is driving off the searched route, this displays the distance from the point where you left the route until the destination or the next waypoint.
- The display of the estimated time of arrival at the destination is calculated based on the remaining time data in the map data and learning trip information.
- Sometimes even though you need to turn at a junction, the junction name is not in the guidance and the junction is not covered in the audio guidance.
- Sometimes left and right turn guidance differs from the actual road configuration.
- When you go off the route, for example by turning one junction too early, sometimes the audio guidance continues for the route you had been on.
- Sometimes the distance in the guidance is slightly higher or lower than the actual distance.

Precautions for operating the Navigation

- During route guidance, always obey the actual traffic regulations. Failure to do so may cause a traffic accident.
- Route is searched based on the map data. The guidance information may differ from the actual route due to traffic restrictions for road construction work or one-way traffic. Make sure to follow the actual traffic regulations.
- Traffic rules that depend on the time of day reflect the time at which the route was searched. When driving the route, always obey the actual traffic regulations.
- The distance your car has travelled is measured with the speed sensor (and this speed is proportional to the rotation rate of the tyres). If the tyres are new or non-standard, or if their air pressure is not correct, the distance measurement is likely to be erroneous and the location of your car may not be displayed correctly.
- If the distance to the destination is extremely short or extremely long, route search may be impossible.
- Even if you travel off the route, the route is automatically recalculated.
- The estimated time of arrival varies with the road conditions and how you drive.

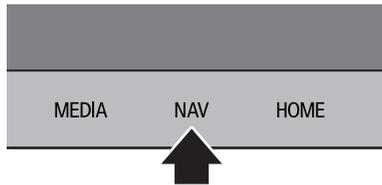
NAVI Menu

This explains the display methods and details for the NAVI Menu.

Display the NAVI Menu

From this menu, the destination settings can be performed and route settings can be edited.

1 Press the **NAV** key



2 Tap **⋮**



Displays the NAVI Menu.

ADVICE

- Press the [NAV] key to display the screen used previously (last screen) in the NAVI.

Operations that can be performed from the NAVI Menu

This explains the operations that can be performed from the NAVI Menu along with the menu contents.



Menu name	Explanation
Search	Allows you to input "Addresses" and "Points of Interest" and search for destination. → "Search for a Location" (P82)
Edit Route	Allows you to delete or edit route. → "Checking/Editing the Route" (P87)
My Places	Displays the list of registered points such as Home and Work. → "Load from the Address Book" (P82)
My Routes	The registered route list is displayed. → "Registering in "My Routes"" (P91)

Menu name	Explanation
Points of Interest	Displays a list of facilities if you select the types of facilities you want to see. → "Searching from a facility category" (P85)
Parking	Displays a Parking icon on the map screen. → "Searching for a car parking" (P86)
Petrol Station	Displays a Petrol Station icon on the map screen. → "Searching for the petrol station" (P86)
TomTom Services	Uses traffic information. → "TomTom Services" (P77)
Settings	Allows you to set the various navigation functions. → "Navigation Settings" (P96)
Help	Allows you to check the system information such as version of the navigation function. → "Help" (P101)

How to Input Characters

This section describes about the character input keyboard.

Keyboard for Character Input



1) Input character display section

Displays the input characters.

2) The cursor

Characters can be input to the left side of **|**. The position of **|** can be changed by sliding (P14)  displayed when an input character is tapped.

3) Input keyboard

Comprises of keys to enter the displayed characters.

Other characters can be input by long press (P14). For example, a long press on “a” displays , showing the characters available for input.

4)

With each tap the characters displayed on the input keyboard switch between lower case and upper case (capitalising only the first character) to upper case (capitalising all the characters).



Tap  to switch  between  / . Each tap switches different types of symbols.

5) /

The characters that appear on the input keyboard switch between numbers and symbols.

6)

Keyboard input language can be selected. If multiple input languages are selected, tap  again to display the list of selected languages. Long press (P14) displays a list of all the keyboards.

7)

Clears one character among the characters being input.

8)

Keyboard can be shown or hidden with each tap.

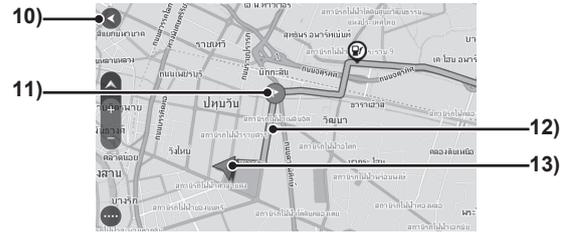
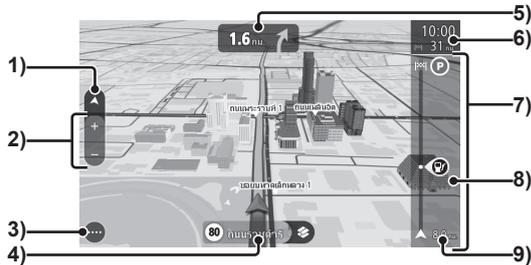
9)

Displays the search results list or map screen. Each tap switches between the list display and map screen display.

Navigation Screen

This section explains the navigation map screen and the display contents for the menu screens.

Map Display Contents



1) Map Mode Switch button(→P74)

Each tap switches between 2D and 3D map.

2) Change Scale button(→P74)

Tap **+** or **-** to change the map scale.

3) NAVI Menu Display button(→P68)

Tap to display the NAVI Menu.

4) Speed limit information guidance(→P73)¹

Displays the speed limit information, vehicle speed, and street name. Tap to display the quick menu (P71), register locations, and search for alternative routes.

5) Display Route Guidance button(→P73)

Displays the arrow turn signals, road names, and other route guidance information.

6) Estimated arrival time/Remaining distance/Remaining time

Displays the estimated arrival time at destination, remaining distance, or remaining time. In case there is a waypoint on the way, tap to switch between the destination and waypoint information display. Remaining distance or remaining time display can be set from “Arrival information” under the Appearance settings. →“Appearance”(P97)

7) Route bar

This is displayed once the destination is set. Displays the estimated arrival time, facility and waypoint icons, and the traffic information icon².

If icons overlap, tap them to expand the Route bar, which will enable you to select an individual icon out of the overlapping icons. Whether to show/hide the facilities can be set from “Show On Route” under the Appearance settings. →“Appearance”(P97)

8) Route bar icon

Tap to display the map of the facility or waypoints. Also displays the quick menu (P71).

9) Distance to the next waypoint

Displayed if a waypoint has been set.

10) Display Current Location button

This is displayed when scrolling through the map. Tap to display the current location.

11) Icon (→P72)

Icon for destination, waypoints, etc.
Tap to display the quick menu (P71), register locations, and set waypoints.

12) Guidance route

Displays the searched guidance route.

13) Car location icon

The arrow points in the current direction of movement of the car. In case car location hasn't been measured, the car location icon will be grey.

Tap to display the quick menu (P71).

*1) Some information may not be displayed depending upon the road and driving conditions.

*2) A smartphone or other device that can transmit data must be connected to the product in advance. You also need to log in to the TomTom Service.

Quick Menu

This explains the quick menu displayed when you tap the registered spots and facility icons displayed on the map or long press the map.



	Each tap displays or hides the quick menu.
	Sets a place as a Destination.
Add to My Places	Registers a location. Displays a place in the My Places list. (→P76)
Use as Starting Point	Sets a place as the starting point. (→P76)
Remove Starting Point	Displays in the starting point quick menu. Cancels the starting point settings.
Add to Current Route	Sets as the Waypoint. (→P75)
Delete This Stop	Displays the waypoint quick menu. Deletes a waypoint.

Change to a Stop	Displays the set starting point quick menu in [Use as Starting Point]. Searches a route from the current position after changing the starting point to a waypoint.
Rename	Displays the registered point quick menu. Changes the name of a registered point.
More Information	Displays the detailed information of facilities.
Edit Route	Displays the Edit Route screen. (→P88)
Edit Location	Edits a registered location (Home or Work). (→P93)
Remove Location	Deletes a registered location (Work). (→P94)
Avoid Blocked Road	Displayed in the quick menu of your vehicle position icon and speed limit information guidance while travelling on route. Searches for an alternate route.

Various Icons

This explains the types of icons (blue) displayed on the map.

	Starting point
	Destination
	Waypoint
	Registered location (My Place)
	Registered location (Home)
	Registered location (Work)

Display the Current Location Screen

It is a method to return to the current location after scrolling through the map.

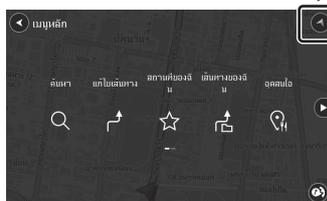
ADVICE

- The display will automatically return to show your current location if you do not perform any operations for a certain amount of time after scrolling through the map.

1 Tap or Scroll screen



Destination search screen, etc.



The current location screen is displayed.

Guidance Display

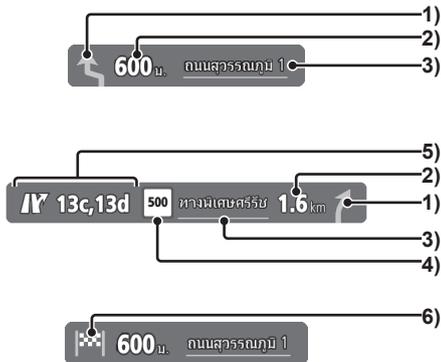
This product displays various guidance according to the situation.

Route Guidance Display

Displays the Guidance information while driving.



Display Contents



1) Direction of turn at next crossroads

A light blue arrow provides guidance regarding the direction to turn.

- 2) **Distance to next crossroads**
- 3) **Name of the road to be travelled**
- 4) **Route Guidance**
Displays the route number and name.
- 5) **Guidance for motorway exit**
Displays the exit direction and number.
- 6) **Icon**
Displays guidance icons for destinations, waypoints, and ferry ports.

ADVICE

- Tap the route guidance display to show the route information regarding crossroads, etc.

Junction View

Shows a guidance illustration when approaching a motorway junction. Tap the screen to close the illustration.



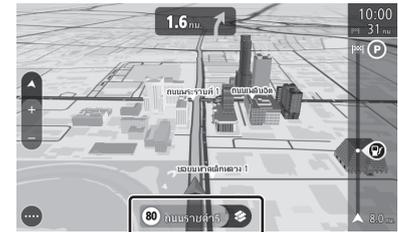
CAUTION

- The mark indicating the vehicle position is not displayed.
- Sometimes the actual junction configuration differs from the guidance.
- Guidance is not given for all the junctions.

Speed limit information guidance

Displays the speed limit information, vehicle speed, and street name of the current road while driving.

Tap speed limit information guidance to display the quick menu (P71), register locations, and search for alternative routes.



CAUTION

- Sometimes the actual speed indicators differ from the guidance.

ADVICE

- Guidance for speed limit information is not necessarily given for all the roads.
- The actual vehicle speed may differ from the speed displayed on the dash meter.

Operate the Map

This explains operations to display maps, change the scale or scroll through the map.

Switches the map screen

1 Tap the Switch Map Mode button

2D map



3D map



Each time the Switch Map Mode button is tapped, the map display switches between 2D and 3D.

Map Mode Icons

	2D Map
	3D Map

Change the map scale

You can view a wide range or a detailed range.

1 Pinch in or out to change the scale

→ "How to Operate" (P14)



The scale changes in accordance with the finger movement.

ADVICE

- You can also tap or to change the map scale.
- It is convenient to double tap (→P14) the map to zoom in.

Scroll the Map

This is used to move from the current location screen to another location and check the map.

1 Use flick or slide to scroll through the screen to the spot you want to see

→ "How to Operate" (P14)



ADVICE

- Tap to display the Current Location screen.

Operations from the Scroll Menu

Scroll through the map to set the destination, waypoints, and registered locations.

Set as the Destination

Scroll through the map to set a destination.

1 Long press (→P14) the location you want to set as the destination

Displays the position information.

If you tap the map screen after the position information is displayed, the guidance information will disappear and + will be displayed. Tap + to display the position information.

2 Tap



The search for the route to the destination is complete and route guidance starts.

Set as the Waypoint

Scroll through the map to set waypoints.

1 Long press (→P14) the position you want to set as the waypoint

Displays the position information.

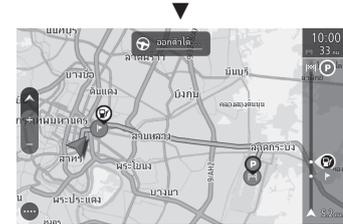
If you tap the map screen after the position information is displayed, the guidance information will disappear and + will be displayed. Tap + to display the position information.

2 Tap



The quick menu is displayed.

3 Tap Add to Current Route



The search for the route to the waypoints and destination is complete, and route guidance starts.

Set in the Address Book

Scroll through the map to set a location in the Address Book.

1 Long press (→P14) the location you want to set in the Address Book

Displays the position information. If you tap the map screen after the position information is displayed, the guidance information will disappear and  will be displayed. Tap  to display the position information.

2 Tap



The quick menu is displayed.

3 Tap **Add to My Places**



4 Input the name of the registered location and tap **OK**



Once the location has been added to the Address Book,  is displayed on the map screen.

ADVICE

- Registered points can be checked in "My Places" (P82).

Setting the starting point

Scroll through the map to set the starting point.

1 Long press (→P14) the position you want to set as the starting point

Displays the position information. If you tap the map screen after the position information is displayed, the guidance information will disappear and  will be displayed. Tap  to display the position information.

2 Tap



The quick menu is displayed.

3 Tap **Use as Starting Point**



Once the starting point has been set,  is displayed on the map screen.

ADVICE

- When setting the route, set the route from the starting point to the destination.

TomTom Service(Traffic)

TomTom Service provides real time traffic information. The best suitable route is provided, taking into consideration the traffic information.

Downloading Apps

Download the app to your smartphone in order to use this service.

Download the app from below.

App name:

Smartphone-link Display Audio Real Time Traffic

URL:

<https://mitsubishi.sda.navshop.com/downloads/apps/>



NOTE

- A smartphone or other device that can transmit data must be connected to the product in advance.
- When starting the NAVI for the first time and the smartphone application is not configured, tapping [TomTomService] under "NaviMenu" will bring up a screen for registration.
- Even though the service is free of charge, users need to bear any communication costs pertaining to the service usage.
- The service may be unavailable at times depending on the place of use and status of signal reception.

TomTom Services

Switch the function ON to start using TomTom Services.

- 1 Activate "Smartphone-link Display Audio Real Time Traffic" app on your smartphone
- 2 Connect the smartphone to the vehicle via Bluetooth.
- 3 The NAVI menu is displayed (→P68)
- 4 Tap **TomTom Services**
- 5 Switch ON TomTom Services
 :ON
 :OFF

6 The Navigation Settings screen is displayed (→P96)

7 Tap **System**

8 Tap  for "Your information & privacy" and set it to ON.



TomTom Services will be available for use.

Display Contents



1) Traffic Information

Traffic information such as closed roads is shown by icons.

2) Traffic Congestion Information

Displays the traffic congestion and heavy traffic by lines.

3) Total Delay Time

Displays the total delay time due to congestion.

4) Delays

Displays the duration of expected delay due to traffic congestion.

Route Bar



Detailed information is displayed from 30 minutes prior to reaching the tail end of a congestion.

Colour coding is used to display the distance before reaching the tail end of the congestion and the extent of congestion.

The route bar will change to red colour and an alarm will go off if you are approaching the congested area at high speed.

Traffic Information Display

Traffic information is displayed in the form of icons and lines.

Traffic information

	Accident
	Traffic Jam
	Dangerous Conditions
	Road Closure
	Closed Slip Road
	Closed Lane
	Road Works

Traffic congestion information

	Brown	No delay
	Yellow	Slow traffic
	Orange	Queuing traffic
	Dark red	Stationary traffic

Checking traffic information

Tap on the icon to check the traffic information and delays.

Checking from the Map Screen

1 Tap the traffic information icon on the map screen



Traffic information and delays are displayed.

ADVICE

- Traffic information can also be checked by tapping the traffic information icon on the route bar.

Destination Settings

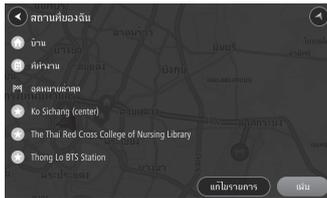
Set Your Home as the Destination

You can set your pre-registered home (P93) as the destination.

1 The NAVI menu is displayed (→P68)

2 Tap **My Places**

3 Tap **Home**



Displays the quick menu (P71) and map of the area near the home.

ADVICE

- You need to register your home in advance.→“Registering your Home”(P93)

4 Tap 



The search for the route with your home as the destination is complete and route guidance starts.

Set the Searched for Location as the Destination

This section explains the series of operations for setting the location searched for with “Search for a Location”(P82) as the destination.

1 The NAVI menu is displayed (→P68)

2 Tap one of the “Search methods” to search for a location



→“Search for a Location”(P82~P86)

3 Once the location you searched appears on screen, tap 



The search for the route that has the searched for location as its destination is complete and route guidance starts.

Search for a Location

The product can be used in a number of ways to search for a location.

The location searched here is used to set the destination (*P80*), waypoint (*P90*), and registered location (*P93*).

This part describes how to search a location from the NAVI menu (*P68*).

Load from the Address Book

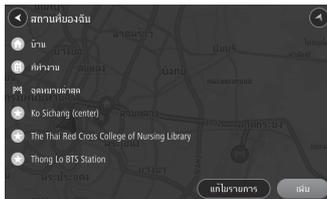
Loads Address Book.

1 The NAVI menu is displayed (→*P68*)

2 Tap **My Places**

This displays the address book list.

3 Tap the “Location” you want to load



Displays the quick menu (*P71*) and the map of the location you want to load.

Use the Search History

You can use the search history of locations that were set as the destination and display again a map of the surroundings.

ADVICE

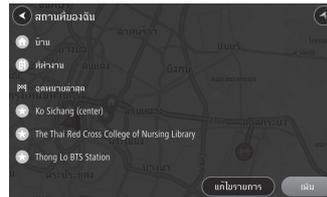
- Search history is displayed starting from the most recent.

1 The NAVI menu is displayed (→*P68*)

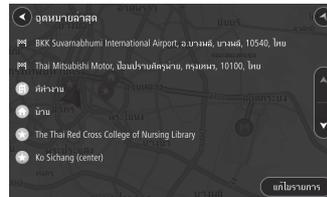
2 Tap **My Places**

This displays the address book list.

3 Tap **Recent destinations**



4 Tap the “Place” you are searching for



Displays the quick menu (*P71*) and map of the place you have selected.

Deleting from the Search History

You can delete a registered search history.

1 The NAVI menu is displayed (→*P68*)

2 Tap **My Places**

3 Tap **Recent destinations**

4 Tap **Edit List**

5 Tap the “Place” to delete



changes to .

6 Tap **Delete**

The search history deletion is complete.

Searching from “My Route”

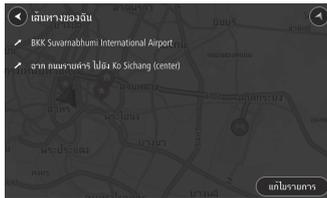
The destination loaded from the registered “My Route” locations is set. In order to use “My Route”, you must register (P91) in advance.

1 The NAVI menu is displayed (→P68)

2 Tap **My Routes**

Displays the “My Route” list.

3 Tap the “My Route” you want to load



The destination from “My Route” list is set, and the route guidance starts.

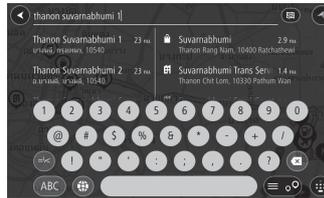
Searching by address/facility name

Searches for a location from an address.

1 The NAVI menu is displayed (→P68)

2 Tap **Search**

3 Tap the item, then input the “address”



4 Tap the desired address from the displayed list to input the address

5 Tap **Show on Map or **Add Cross Road****



Tap [Show on Map] to display the map of the area in which your home is located. Tap [Add Cross Road] to display the list of crossroads.

ADVICE

- The search area can be changed. →“Changing the search area”(P83)

Changing the search area

If many search results are shown, you can specify a locality to which the search is to be limited.

1 The NAVI menu is displayed (→P68)

2 Tap **Search**

3 Tap the “Select Search Area” button



4 Tap the search area to limit the search to a particular locality



The location will now be searched from the selected locality.

Search Area

Search target	Explanation
Whole map	Displays all the searched options on the map, without narrowing down to any search area.
Near me	Specifies the area near your current vehicle position as the search area.
In town or city	Specifies a town or city name as the search area.
Along route	Specifies the area along your route as the search area. (You can select this when the destination is set)
Near destination	Specifies the area near your destination as the search area. (You can select this when the destination is set)
Near departure point	Specifies the area near departure point as the search area. (You can select this when the departure point is set)
Latitude Longitude	Displays a place that corresponds to the specified coordinates.

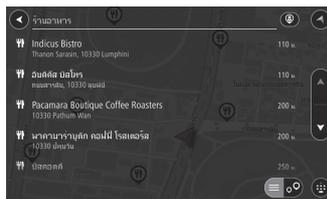
Searching a nearby facility

You can search for establishments near the current location and destination and along the route.

Searching a Facility Near the Current Location

Let's take an example of searching for a restaurant.

- 1 The NAVI menu is displayed (→P68)
- 2 Tap **Points of Interest**
- 3 Tap **Restaurant**
- 4 Tap one of the restaurants



Displays the quick menu (P71) and map of the facility you have selected.

Searching a Facility Along the Route

Searches for a facility along the route.

- 1 The NAVI menu is displayed (→P68)
- 2 Tap **Points of Interest**
- 3 Tap the “Select Search Area” button
- 4 Tap **Along route**

The operations after this are same as those performed from Step 3 onwards of “Searching a Facility Near the Current Location”(P84).

Searching a Facility Near the Destination

- 1 The NAVI menu is displayed (→P68)
- 2 Tap **Points of Interest**
- 3 Tap the “Select Search Area” button
- 4 Tap **Near destination**

The operations after this are same as those performed from Step 3 onwards of “Searching a Facility Near the Current Location”(P84).

Search by Latitude and Longitude

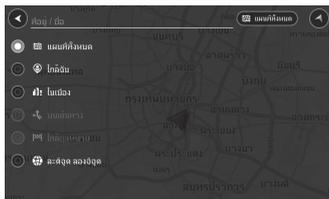
You can set the destination by specifying its latitude and longitude.

1 The NAVI menu is displayed (→P68)

2 Tap **Search**

3 Tap the “Select Search Area” button

4 Tap **Latitude Longitude**



5 Input the “latitude” or “longitude” you are searching for.



6 Tap the option

▼
Displays the quick menu (P71) and map of the selected location.

Searching from a facility category

Facility can be searched from a category.

1 The NAVI menu is displayed (→P68)

2 Tap **Points of Interest**

Points of Interest screen is displayed.

3 Tap “Category”

ADVICE

- Category can be narrowed down by entering text.



4 Tap the facility name



▼
Displays the quick menu (P71) and map of the area in which the facility is located.

Searching for a car parking

You can search for a car parking near your current location or the destination.

1 The NAVI menu is displayed
(→P68)

2 Tap **Parking**

Parking areas are displayed on the map.

ADVICE

- If the destination is set, the parking areas near the destination will be shown. If not, those near the current vehicle position will be shown.

3 Tap **P**



The quick menu (P71) is displayed.

Searching for the petrol station

You can search for a petrol station near the destination or the current vehicle position.

1 The NAVI menu is displayed
(→P68)

2 Tap **Petrol Station**

Petrol stations will be displayed on map.

ADVICE

- If the destination is set, the petrol stations near the destination will be shown. If not, those near the current vehicle position will be shown.

3 Tap **P**



The quick menu (P71) is displayed.

Checking/Editing the Route

Route Checking

If a route has been set, you can check it.

Check the Route

Displays a list of crossroads showing the crossroads where the vehicle needs to turn while on the route to the destination.

1 The Edit Route screen is displayed (→P88)

2 Tap **Show Instructions**

Displays the list of crossroads.

3 Tap the “Place” you want to check



Displays the map of the area of the selected place.

ADVICE

- Tapping “Display Route Guidance” on the map screen also displays a list of crossroads.



Play Route Preview

You can travel the prepared route virtually to check.

1 The Edit Route screen is displayed (→P88)

2 Tap **Play Route Preview**

The route preview starts.

Ending

1 The Edit Route screen is displayed (→P88)

2 Tap **Stop Route Preview**

Ends the route preview.

Change the Route

Viewing the Edit Route screen

You can edit the route to set a detour or a different route. You can also change the route search method.

1 The NAVI menu is displayed
(→P68)

2 Tap **Edit Route**



The Edit Route screen is displayed.

ADVICE

- If no destination is set, [Edit Route] will be disabled and will appear grey.

Operations that can be performed from Edit Route

This explains the contents and operations that can be performed from Edit Route.



Menu name	Explanation
Clear Route	Deletes the route. →“Deleting a route”(P92)
Find Alternative	Searches for an alternate route from the current one. →“Searching for a different route”(P89)
Avoid Blocked Road	Searches for routes that avoid blocked roads. →“Avoiding closed roads”(P89)
Avoid Part of Route	Searches for routes to avoid a selected part of the road. →“Avoiding a part of a route”(P89)
Avoid on This Route	Allows you to set whether or not to use specific routes searched. →“Setting special routes”(P90)
Show Instructions	Displays a list of crossroads showing where the vehicle needs to turn. →“Check the Route”(P87)
Add Stop to Route	Adds a waypoint to the set route. →“Adding waypoints”(P90)

Menu name	Explanation
Add to My Routes	Registers the route you searched for in “My Routes”. →“Registering in “My Routes””(P91)
Change Route Type	Changes the route search conditions. →“Changing the route search conditions”(P92)
Reorder Stops	Changes or deletes the order of the destination and waypoint(s). →“Changing the waypoint”(P90)
Play Route Preview	Checks the prepared route by running it virtually. →“Play Route Preview”(P87)

Searching for a different route

You can view the alternative routes by searching for a route other than the current route.

1 The Edit Route screen is displayed (→P88)

2 Tap **Find Alternative**

3 Tap “Time Required”



The search for alternative route ends, and the entire alternative route is displayed.

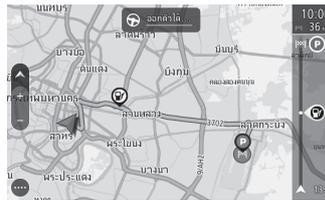
Avoiding closed roads

You can search for a route that avoids closed roads.

1 The Edit Route screen is displayed (→P88)

2 Tap **Avoid Blocked Road**

3 Tap “Time Required”



The search for a route that avoids closed roads ends, and the entire route is displayed.

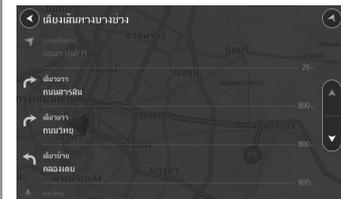
Avoiding a part of a route

You can search for a route that avoids a selected turn.

1 The Edit Route screen is displayed (→P88)

2 Tap **Avoid Part of Route**

3 Tap the “Place” you want to avoid



4 Tap 

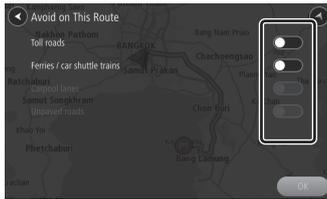


The search for a route that avoids the selected place ends, and the entire route avoiding the selected place is displayed.

Setting special routes

You can set whether to use “Toll roads”, “Ferries”, “Car shuttle trains”, “Carpool lanes”, and “Unpaved roads”.

- 1 The Edit Route screen is displayed (→P88)
- 2 Tap **Avoid on This Route**
- 3 Tap each item to set whether to use it or not



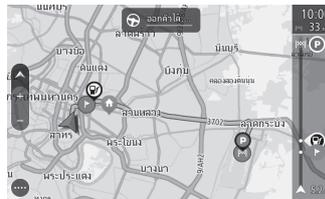
- 4 Tap **OK**

The search for a route with specific settings ends, and the entire route taking into account the settings is displayed.

Adding waypoints

You can add waypoints on the set route.

- 1 The Edit Route screen is displayed (→P88)
- 2 Tap **Add Stop to Route**
- 3 Searching for places from “Map” or **Search** option
When searching a place using the [Search] option, please read “Searching by address/facility name”(P83).
When searching from map, please read “Set as the Waypoint”(P75).
- 4 Tap



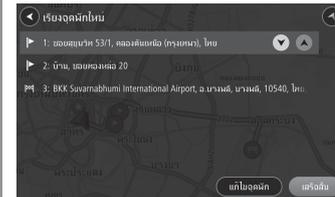
The waypoint is added.

Changing the waypoint

You can change or delete the order of the destination and waypoint.

Changing the Order of Waypoints

- 1 The Edit Route screen is displayed (→P88)
- 2 Tap **Reorder Stops**
The set waypoints and destination are displayed.
- 3 Tap and to change the order of waypoints/destination



- 4 Tap **Done**

The search for the route ends, and the entire route is displayed according to the changed order of waypoints.

Deleting Waypoint(s)

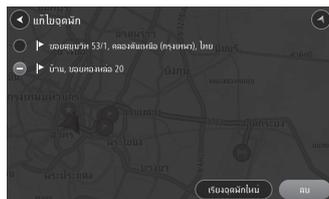
1 The Edit Route screen is displayed (→P88)

2 Tap **Reorder Stops**

3 Tap **Edit Stops**



4 Tap the “Waypoint” you want to delete



● changes to ○.

5 Tap **Delete**

The waypoint is deleted, and the entire route is displayed without the deleted waypoint.

Registering in “My Routes”

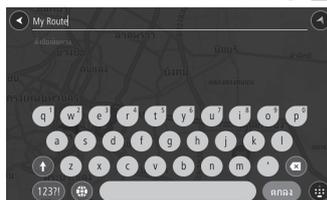
This registers the route you searched for in “My Routes”.

Please perform this operation after setting the route.

1 The Edit Route screen is displayed (→P88)

2 Tap **Add to My Routes**

3 Enter the name and tap **OK**



Registration of “My Route” is complete.

Editing “My Route”

You can edit the registered “My Route” to overwrite the registered routes.

1 **Route Settings for the My Route to be Edited**

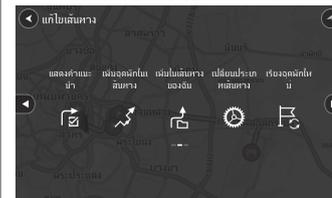
→“Searching from “My Route””(P83)

2 **Editing a Route**

→“Change the Route”(P88)

3 The Edit Route screen is displayed (→P88)

4 Tap **Save Changes to Route**



The edited “My Route” has been saved.

ADVICE

- When “My Route” is edited, the [Add My Route] under the NAVI menu changes to [Save Changes to Route].

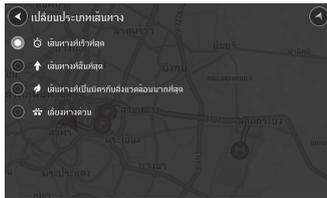
Changing the route search conditions

Changes the route search conditions.

1 The Edit Route screen is displayed (→P88)

2 Tap **Change Route Type**

3 Tap the “search conditions” you want to set



You can set either the fastest route, shortest route, eco-friendly route, or avoid motorway route.

The search with the set conditions ends, and the entire route is displayed according to the changed condition settings.

Deleting a route

Deletes the created destination and waypoints to delete the route.

1 The Edit Route screen is displayed (→P88)

2 Tap **Clear Route**

The route deletion is complete.

Set an Address in the Address Book

Registering your Home

If you register your home, it is simple to set a route going home from the location you have gone out to.

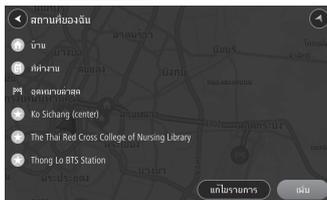
ADVICE

- For information on how to set a route returning to your home, read "Set Your Home as the Destination"(P80).
- You can only register one home.

1 The NAVI menu is displayed (→P68)

2 Tap **My Places**

3 Tap **Home**



4 Tap **Search** and enter the address

→"Searching by address/facility name"(P83)



ADVICE

- You can also register your home by scrolling through the map.

5 Tap 



Registration of your home is complete.

Changing your Home location

You can change the registered home location.

1 The NAVI menu is displayed (→P68)

2 Tap **My Places**

3 Tap **Home**

4 Tap **Edit Location** under the quick menu

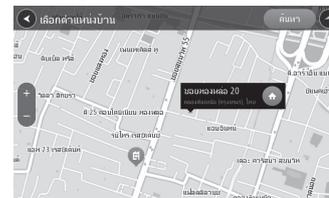
5 Tap **Search** and enter the address

→"Searching by address/facility name"(P83)

ADVICE

- You can also register your home by scrolling through the map.

6 Tap 



Home location is changed.

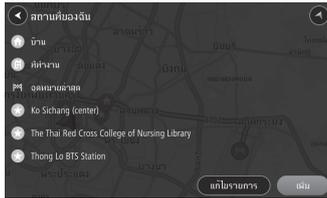
Registering your Workplace

If you register your workplace, it is easy to set the route to your workplace.

1 The NAVI menu is displayed
(→P68)

2 Tap **My Places**

3 Tap **Work**



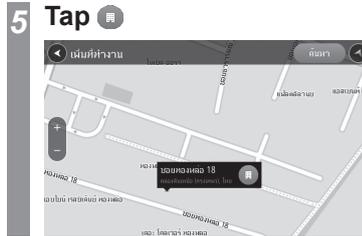
4 Tap **Search** and enter the address

→“Searching by address/facility name”(P83)



ADVICE

- You can also register your workplace by scrolling through the map.



Registration of your workplace is complete.

Changing the workplace location

You can change the registered workplace location.

1 The NAVI menu is displayed
(→P68)

2 Tap **My Places**

3 Tap **Work**

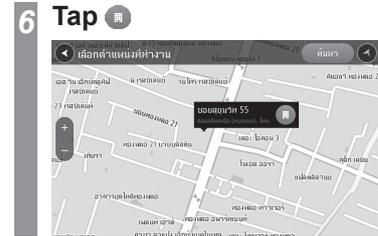
4 Tap **Edit Location** under the quick menu

5 Tap **Search** and enter the address

→“Searching by address/facility name”(P83)

ADVICE

- You can also register your workplace by scrolling through the map.



The workplace location is changed.

Deleting the workplace location

You can delete the registered workplace location.

1 The NAVI menu is displayed
(→P68)

2 Tap **My Places**

3 Tap **Work**

4 Tap **Remove Location** under the quick menu

ADVICE

- You can also delete your workplace by scrolling through the map.

The workplace deletion is complete.

Set an Address in the Address Book

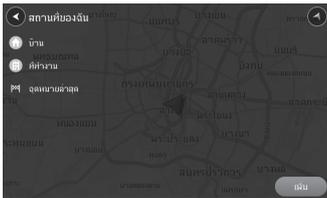
Setting a location you have gone to, a location you want to go see, or the like in the address book makes route setting simple.

Register the Current Location

1 The NAVI menu is displayed (→P68)

2 Tap **My Places**

3 Tap **Add**

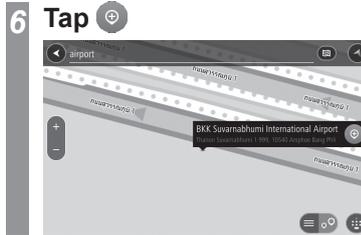


4 Searching for places from “Map” or **Search** option

When searching a place using the [Search] option, please read “Searching by address/facility name”(P83).

When searching from map, please read “Set in the Address Book”(P76).

5 Tap the location you want to register



7 Enter the name and tap **OK**

Registration of location is complete.

ADVICE

- You can register a location from [Add to My Place] under the quick menu displayed on the map.

Deleting a Registered Location

1 The NAVI menu is displayed (→P68)

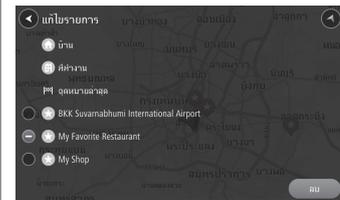
2 Tap **My Places**

3 Tap **Edit List**



4 Select the registered location you want to delete and tap

Delete



If you select the registered location you want to delete, ● will change to ○.

The selected register will be deleted.

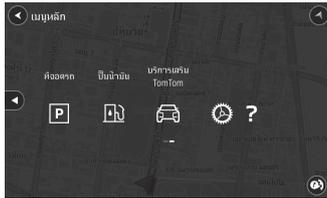
Navigation Settings

Changing the Settings

This changes the navigation settings.

1 The NAVI menu is displayed
(→P68)

2 Tap 



Displays the Navigation Settings screen.

3 Tap the “Type” you want to set



4 Tap the name of each setting to be changed and change the settings

5 Tap  on the top of the screen to return to the Current location screen



The setting changes are complete.

ADVICE

- Tap  (if available) to display the setting items page.
-  displays the function enabled state.
-  displays the function disabled state.

Appearance

It is possible to change the display settings.

Settings name	Setting	Settings content
Arrival information	Show remaining distance	You can select whether to display the remaining distance or remaining time to the destination/waypoint. Alternatively, you can set the display to automatically switch between remaining distance and remaining time.
	Show remaining time	
	Switch between distance and time automatically	
	Final destination	You can specify whether to display the destination or waypoint in the route bar (<i>P78</i>) arrival information.
	Next stop	
Show on route	Parking	You can choose whether to display any "Parking", "Petrol stations", "Stops", or "Rest areas" on the route.
	Petrol stations	
	Stops	
	Rest areas	
Show previews of motorway exits	You can set whether to show guidance illustrations for motorway exits.	
Automatic map view switching	You can set whether to automatically switch to view mode specified in Guidance view Style.	
Automatic zoom	Zoom in to next turn	You can set the map display to automatically zoom in or out when approaching a corner or to decide whether and when to zoom in or out depending on the street type. You can also set it to not zoom out automatically.
	Based on road type	
	None	
Guidance view Style	3D	Guidance view can be set to 3D or 2D map.
	2D (in direction of travel)	

Voices

It is possible to change the voice guidance settings.

Settings name	Settings content
Read aloud early instructions	When the setting is enabled, the navigation voice guidance reads out the guidance information on a street before approaching that street.
Read aloud road sign information	When the setting is enabled, the navigation voice guidance reads out the road sign information as part of the guidance instructions.
Read aloud road numbers	When the setting is enabled, the navigation voice guidance reads out the road number information as part of the guidance instructions.
Read aloud street names	When the setting is enabled, the navigation voice guidance reads out the street names as part of the guidance instructions.
Read aloud foreign street names	When the setting is enabled, the navigation voice guidance reads out the street names of a foreign country as part of the guidance instructions.

Route Planning

It is possible to change the route search settings.

Settings name	Setting	Settings content
Show alternatives when driving	Select best alternative automatically	<p>You can set whether to search alternative routes to avoid congestion, etc. while driving.</p> <p>[Select best alternative automatically]: Automatically changes to an alternative route.</p> <p>[Show alternatives so I can choose]: Allows you to select an alternative route or continue with the current one. The icon is displayed on the route bar. Tap the icon to select your route.</p> <p>[Do not show alternatives]: No search for alternatives.</p>
	Show alternatives so I can choose	
	Do not show alternatives	
Always plan this type of route	Fastest route	<p>Search route type can be selected at any time.</p> <p>[Fastest route] searches the quickest possible route.</p> <p>[Shortest route] searches the shortest possible route to the destination/waypoints.</p> <p>[Most eco-friendly route] searches for the most eco-friendly route.</p> <p>[Avoid motorways] searches for a route that doesn't use highways.</p>
	Shortest route	
	Most eco-friendly route	
	Avoid motorways	
Avoid on every route	Ferries / car shuttle trains	<p>You can set a route guidance that avoids all the selected items.</p>
	Toll roads	
	Carpool lanes	
	Unpaved roads	

Sounds & Warnings

It is possible to change the warning guidance settings.

Settings name	Setting	Settings content
Warning type	Warning sounds	You can set whether to issue a warning.
	None	
Speed Camera Warnings	Fixed cameras	
	Average speed zones	
	Speed enforcement zones	
	Red light cameras	
	Traffic restriction cameras	
Safety warnings	Danger zones	You can separately specify for each zone whether to issue a warning at all times or only when the driver increases the speed.
	Risk zones	
	Accident blackspots	
	Traffic jams	
	When speeding	

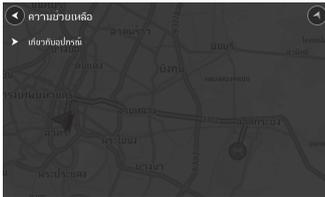
System

You can change the settings related to the privacy and operation restrictions while driving.

Settings name	Setting	Settings content
Your information & privacy	Use my location and the information I enter to receive TomTom services	You can set whether to provide privacy information and save it to device.
Driver safety	Lock features while driving	For your safety, you can perform settings to disable the use of certain functions while driving.

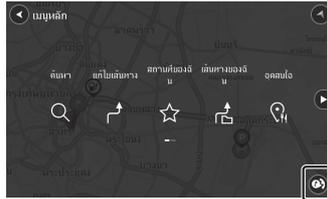
Help

You can check the details such as navigation version, map information, serial information, and license information.



Voice instructions

You can set whether to use audio guidance for navigation.



Each tap toggles Voice instructions between ON and OFF.

-  : ON
-  : OFF

Map Update

You can perform an update of the map database with an USB memory.

Update the Map Database

Map data can be downloaded from our website.

NOTE

- You will need access to the internet.
- The internet usage will be at your own expense.
- Contents on the website may change without prior notice.

Map update downloading website

<https://mitsubishi.sda.navshop.com>

Check the information on the screen and download the map data.

To update the map, download map data to an USB memory drive and connect it to the vehicle's USB port.

Depending on the specification or model year, the vehicle may not be compatible with the downloaded map data.

For more information such as how to update the map, see the website above.

INFO/SETTINGS

INFO

Equipment by type

Camera

The camera can display the video of the space behind the car to cover the blind spot.

For camera position, display range of the screen, and detailed operation methods, please read the user manual of the vehicle.

⚠ WARNING

- **The camera picture does not exempt the driver from the obligation to pay attention or reduce that obligation.**

Drive checking the safety of the surroundings with your own eyes the same way that you do when there is no camera.

⚠ CAUTION

- If mud, snow, or the like sticks to a camera, do not strike it off with a stiff rod or the like. Rather use water or warm water, then wipe it off with a soft cloth.
- Depending on the number of people in the car and how much it is loaded, the camera picture and guide lines may be out of line.
- On sloped roads and when the car is otherwise tilted, the camera picture and guide lines may be out of line.

Viewing the camera images

Display Using the Gear Shift Position

- 1 Move the gear shift position to “R”.



The picture from the Rearview camera or Multi Around Monitor is displayed. If the vehicle is brought out of “R” mode, the original display will return.

Display Using the Steering Remote Control Switch

- 1 Press the  key
→ “Steering Remote Control Switch Operation”(P16)



Press  to display the Multi Around Monitor image.

The camera image switches each time the  key is pressed.

Equipment by type

Air Conditioner

You can check the air conditioner status.

Viewing

1 The HOME screen is displayed (→P18)

Proceed to step 3 for all vehicles except plug-in hybrid vehicles.

2 Tap **PHEV & Info**

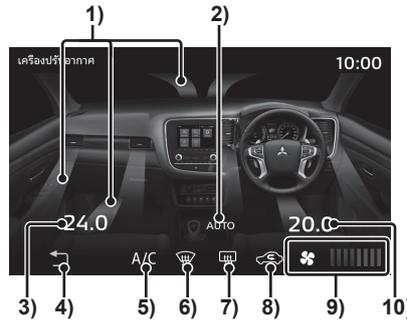
3 Tap **Info**

4 Tap **Air Conditioner**



This displays the air conditioner status.

Display Contents



1) Air Direction

2) Auto mode indicator

Displays the contents when AUTO Mode is in operation.

3) Left Side Temperature Setting



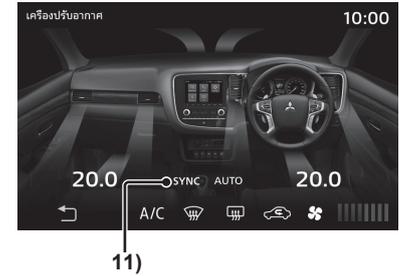
Returns to the previous screen.

5) Air Conditioner Indicator

Displays the contents when the air conditioner is being operated.

6) Front Defroster Indicator

Displays the contents when Front Defroster is in operation.



7) Rear Window Defogger Indicator

Displays the contents when Rear Defogger is in operation.

8) Inside/Outside Air Circulation Indicator

Displays the contents of External Air Intake or Internal Air Recirculation.

9) Airflow

Displays the speed indicator in 8 levels or OFF.

10) Right Side Temperature Setting

11) SYNC

Displays the contents when SYNC Mode is being operated.

Checking Trip Information (Except plug-in hybrid vehicles)

You can check the trip information.

Viewing Trip Information

- 1 The HOME screen is displayed (→P18)
- 2 Tap **Info**
- 3 Tap **Fuel Consumption**



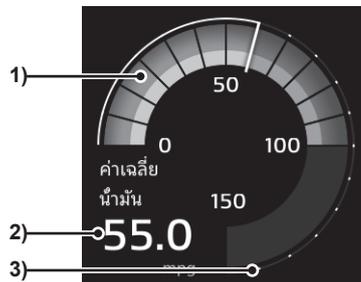
This displays the Trip Information Screen.

Display Contents



- 1) **Mileage Gauge**
Allows you to check the fuel average and instantaneous mileage.
→“Mileage Graph”(P106)
- 2) **Reset** (→P106)
Allows you to reset all the trip information.
- 3) **Home**
Returns to the previous screen.
- 4) **Distance to Empty**
Measures and displays the distance to empty based on the current value of remaining fuel and recent fuel average.
- 5) **Idling Stop**
- 6) **Total Idling Stop**
- 7) **Auto Reset** (→P106)
Allows you to switch the reset mode.

Mileage Graph



1) Fuel Average/Instantaneous Mileage Gauge

Displays in 18 levels.

The white line indicates the fuel average.

The instantaneous mileage is indicated in grey only when it is lower than the fuel average, and in grey and green when higher than the fuel average.

It means when the green gauge is visible, the vehicle is running more efficiently than the fuel average.

2) Fuel Average

3) Scale

Displays the scale for fuel average and instantaneous mileage gauges. Value may differ depending on the unit.

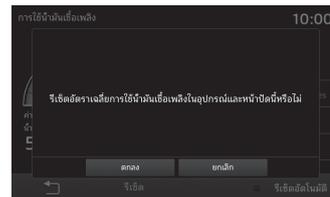
Unit	Value
km/l	0 to 60
l/100km	0 to 18
mpg(US)	0 to 150
mpg(UK)	0 to 180

Resetting Trip Information

Trip information can be reset manually or automatically.

Manual Reset

- 1 Tap **Reset** on the trip information screen



Allows you to reset the trip information.

Auto Reset

- 1 Tap **Auto Reset** on the trip information screen



Each time [Auto Reset] is tapped, Auto Reset toggles between ON and OFF.

If the Auto Reset is switched ON , the trip information is reset approximately four hours after the engine switch is set to ACC or OFF.

Checking Mileage History

You can check the mileage history.

- 1 The HOME screen is displayed (→P18)
- 2 Tap **Info**
- 3 Tap **History information**



Displays the History screen.

Switching between History Displays

You can switch between long and short history displays.

- 1 Tap **Power mode ON-OFF** or **Every 5 minutes** on the History screen



This display toggles between long and short history.

Power mode ON-OFF	Displays the Mileage History from turning the car's engine/power switch "ON" to "OFF".
Every 5 minutes	Displays the Mileage History for the first 5 minutes of turning "ON" the car's engine/power switch.

Resetting History

- 1 Tap **Reset Trip Information** on the History screen



- 2 Tap **OK**

This will reset the history.

Checking Trip Information (Plug-in hybrid vehicles)

You can check the trip information.

Energy monitor is displayed

You can check power usage, instantaneous mileage, amount of charge and accumulated charge.

1 The HOME screen is displayed (→P18)

2 Tap **PHEV & Info**

3 Tap **Energy Monitor**



This will display the Energy Monitor screen.

Display Contents



1) System Power/Instant Fuel Consumption

Displays the System Power and Instant Fuel Consumption.

2) Reset Accmt. Amount

Resets accumulated charge.



Returns to the previous screen.

4) Peak Hold

5) Charge/Accumulated Charge Gauge

Charge gauge displays the instantaneous charging power of the electrical energy generated by regenerative braking. Accumulated charge gauge displays the accumulated charge of the charging power.



Displays a description of the function.

7) Change Settings

Sets the reset timing of peak hold or the upper limit of the accumulated charge display.(→P109)

Resetting Accumulated Charge

1 Tap **Reset Accmlt. Amount** on the Energy Monitor screen



This will reset the accumulated charge.

Changing Settings

You can set peak hold, reset timing or upper limit for accumulated charge display.

1 Tap **Change Settings** on the Energy Monitor screen



Peak Hold

Displays the instantaneous value of the Charge gauge when turned ON.

Reset Timing

Sets the reset timing of peak hold. (Sets when peak hold is "ON".)
[Power Off]: Resets when the car's power switch is turned to "ACC" or "ON".
[Drive]: Resets when the car starts.

Display Limit of Accumulated Amount

Sets the displayed upper limit of the integrated gauge.
Select from [3kWh],[6kWh],[12kWh].



Displays the details of the settings.

Displaying Energy Flow

You can check the flow of energy.

1 The HOME screen is displayed (→P18)

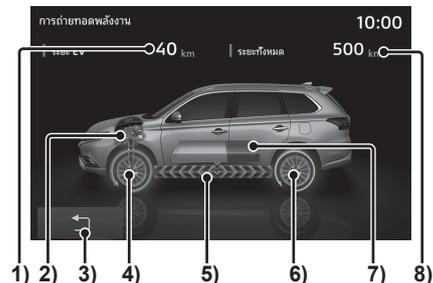
2 Tap **PHEV & Info**

3 Tap **Energy Flow**



This will display the Energy Flow screen.

Display Contents



1) EV Range

Displays the distance that can be covered by the remaining battery charge.

2) Engine

When fuel is being utilized for driving, the engine portion becomes orange.

3)

Returns to the previous screen.

4) Front Wheel Drive State

Driving condition is shown by an arrow.

5) Flow of Energy

The direction of flow and colour, displayed place change depending on the driving conditions.

6) Rear Wheel Drive State

Driving condition is shown by an arrow.

Continued on the next page

7) Battery

Shows the remaining battery charge.

8) Total Range

Shows the distance that can be covered together by the remaining battery charge and the remaining fuel.

When Driving Using Electrical Energy



When Driving Using Fuel Alone



When Driving Using Electricity And Fuel



When Charging From The Engine



For Regenerative Braking



Viewing Trip Information

You can check the EV driving, EV average and fuel average.

1 The HOME screen is displayed (→P18)

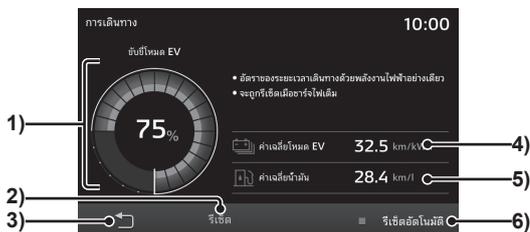
2 Tap **PHEV & Info**

3 Tap **Trip**



This displays the Trip Information Screen.

Display Contents



1) EV Driving

Displays the ratio of the time driven using electrical energy and the time driven in combination with the engine. The ratio of electrically driven time is shown using pie graphs (blue) and as a percentage. The ratio of electrically driven time will be reset when charge is complete (Full Charge).

2) **Reset** (→P111)

Allows you to reset all the trip information.

3)

Returns to the previous screen.

4) EV Average

Displays the EV average from the last time the trip information is reset to the current point of time.

5) Fuel Average

Displays the fuel average from the last time the trip information was reset to the current point of time.

6) **Auto Reset** (→P111)

Allows you to switch the reset mode.

Resetting Trip Information

Trip information can be reset manually or automatically.

Manual Reset

1 Tap **Reset** on the trip information screen



Allows you to reset the trip information.

Auto Reset

1 Tap **Auto Reset** on the trip information screen



Each time [Auto Reset] is tapped, Auto Reset toggles between ON and OFF.

If the Auto Reset is switched ON , the trip information is reset approximately four hours after the engine switch is set to ACC or OFF.

Checking History

You can check the history of mileage, electrical consumption, power consumption, etc.

1 The HOME screen is displayed (→P18)

2 Tap **PHEV & Info**

3 Tap **History information**

4 Click the “History” you want to check



This displays the selected History screen.

Fuel Consump.	Displays the Long-term History and the Short History from the Fuel Consumption information.
Electricity Consump.	Displays the Long-term History and the Short History from the Electricity Consumption information.
Power	Displays the Long-term History and the Short History of the power consumed by running the vehicle and use of the Air Conditioner.

Switching between History Displays

You can switch between long and short history displays.

1 Tap **Power mode ON-OFF** or **Every 5 minutes** on the History screen

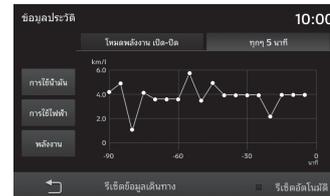


This display toggles between long and short history.

Power mode ON-OFF	Displays the information from the time of turning the car's engine/power switch “ON” to turning it “OFF”.
Every 5 minutes	Displays the information for the first 5 minutes of turning “ON” the car's engine/power switch.

Resetting History

1 Tap **Reset Trip Information** on the History screen



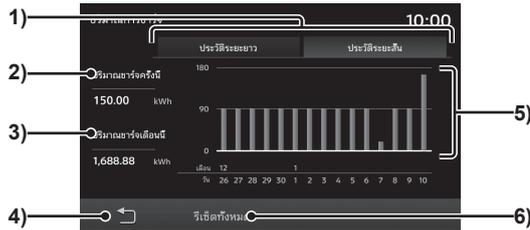
2 Tap **OK**

This will reset the history.

Checking Amount of Charge

You can check the amount of charge.

Display Contents



1) **Short-term History** , **Long-term History**

Allows you to toggle between short term history (one-time) and long term history (monthly)→“Switching between History Displays”(P114)

2) **Charge Amount this time**

3) **Charge Amount this month**

4)

Returns to the previous screen.

5) **Charging History Graph**

Allows you to check the charging history in the form of a graph.

6) **Reset All**

Deletes the amount of charge information.→“Deleting Amount of Charge Information”(P114)

Viewing

1 The HOME screen is displayed (→P18)

2 Tap **PHEV & Info**

3 Tap **Charge Amount**



This displays the amount of charge.

Switching between History Displays

You can toggle between long history (monthly) and short history (one-time) for the amount of charge history.

1 Tap **Long-term History** on the Amount of Charge screen



The Short History screen will change to Long History screen.

2 Tap **Short-term History**



The Long History screen will switch to the Short History screen.

Deleting Amount of Charge Information

The amount of charge history is deleted.

1 Tap **Reset All** on the Amount of Charge screen



2 Tap **OK**



The deletion of amount of charge information is complete.

Equipment by type

Maintenance

You can manage parts replacement timing for your car.

Viewing

You can check the replacement timing for engine oil, oil filter, etc.

NOTE

- The distance travelled used in the maintenance information is calculated by this product and does not necessarily match the distance calculated by the car.
- During map updating, program updating, etc., the distance travelled cannot be calculated and the distance travelled during this time is not reflected in the maintenance information.

1 The HOME screen is displayed (→P18)

Proceed to step 3 for all vehicles except plug-in hybrid vehicles.

2 Tap **PHEV & Info**

3 Tap **Info**

4 Tap **Maintenance**



This displays the maintenance information.

ADVICE

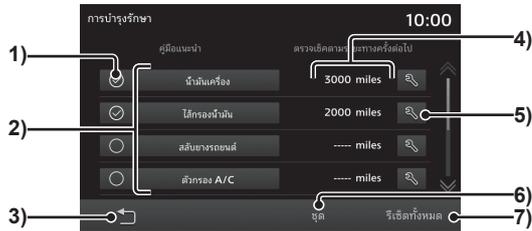
- When the date approaches on which a part is scheduled to be replaced or the travel distance since the last replacement approaches the distance for part replacement, this is displayed in yellow. When that replacement date or distance has been exceeded, this is displayed in red.
- The communication of the part replacement timing is sent 10 days before the scheduled replacement date or when there are 100 kilometres or less remaining until reaching the travel distance for replacement.

5 Tap the “part” you want to check



This displays detailed information.

Display Contents



1) Guidance

Sets whether or not to display guidance when the part replacement date approaches or when it is passes→“*Setting Guidance for Maintenance Information*”(P119)

2) Parts

Displays the parts that can be maintained.

3)

Returns to the previous screen.

4) Next Remaining

Displays the distance remaining until the next maintenance date.

5)

Updates the date of maintenance execution and the odometer reading as of that time.→“*Updating Maintenance Information*”(P118)

6)

Updates the execution date of the maintenance for all parts, the odometer reading as of that time, and the distance remaining until the next replacement are updated.→“*Batch Update*”(P118)

7)

Resets all the maintenance information.→“*Resetting Maintenance Information*”(P118)

Setting Maintenance Information

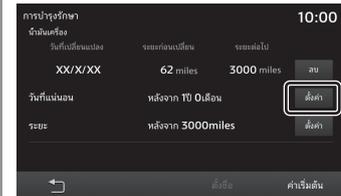
You can set the fixed date for maintenance and distance interval for maintenance.

1 Complete the operations up to “*Viewing*”(P115) Step 4

2 Tap the “part” you want to set maintenance information for



3 Tap under “Fixed Date”



Deleting Maintenance Information

The “Date of Change”, “Change Date Dist.”, and “Next Remaining” for the set part is deleted.

1 Complete the operations up to “Viewing”(P115) Step 4

2 Tap the “part” you want to delete



3 Tap **Delete**

4 Tap **Yes**

The deletion of maintenance information is complete.

Updating Maintenance Information

When parts are replaced, the maintenance information is updated.

1 Complete the operations up to “Viewing”(P115) Step 4

2 Tap the  for the “part” that has been replaced



3 Tap **Yes**

This updates the maintenance information.

Batch Update

The date of change, the odometer reading as of that date, and the remaining distance until the next replacement for “Engine Oil”, “Oil Filter”, “Rotate Tires”, “A/C Filter”, “Brake System”, and “Battery Checking” are batch updated.

1 Complete the operations up to “Viewing”(P115) Step 4

2 Tap **Batch**

3 Tap **Yes**

Batch update is complete.

Resetting Maintenance Information

All the maintenance information is reset.

1 Complete the operations up to “Viewing”(P115) Step 4

2 Tap **Reset All**

3 Tap **Yes**

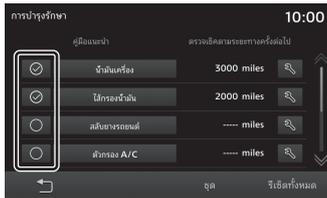
Resetting is complete.

Setting Guidance for Maintenance Information

When you set maintenance information guidance, and when this function is activated, notifications will be displayed indicating that the parts replacement date is approaching or that it has passed.

1 Complete the operations up to “Viewing”(P115) Step 4

2 Tap “Guidance” for the part you need notifications for



This will set “Guidance”.

- : Provide guidance
- : Do not provide guidance

For Turning the Guidance ON

When a parts replacement date approaches or passes, a message like the following is displayed if this function is activated on your system.



Tap the buttons to make the message disappear. When the function is activated next time, the operation will be as follows.

Do not show again	This message will not be displayed from the next start-up.
Delete	Will continue to display messages from the next start-up.

Info

You can check the product version and serial number. The Help screen is also displayed.

ADVICE

- In case of PHEVs, the [Info] button is named [PHEV & Info].

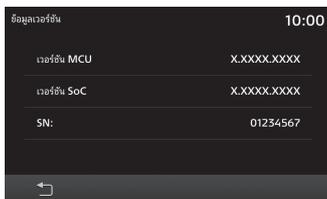
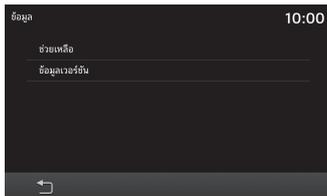
Viewing Version Information

1 The HOME screen is displayed (→P18)

2 Tap **Info**

Displays the Info screen.

3 Tap **Version Information**



Displays the software version and serial number.

Viewing Help

Displays the various Help screens.

NOTE

- If an [Apple CarPlay Help] or [Android Auto Help] compatible smartphone has never been connected, the button won't be displayed.
- The Help screen or part of the Help options may not be available depending on the vehicle model.

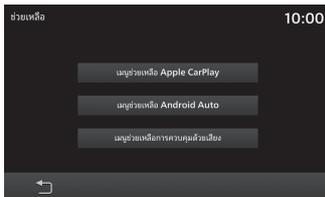
1 The HOME screen is displayed (→P18)

2 Tap **Info**

Displays the Info screen.

3 Tap **Help**

4 Tap any of the Help options



Displays the Help screen.

SETTINGS

Changing the Settings

Changes the product settings.

1 Press the **HOME** key

Displays the Home menu.

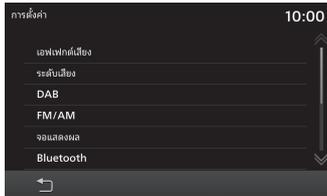
2 Tap **Settings**

The settings menu is displayed.

ADVICE

- If the vehicle is not equipped with a navigation system, the Settings screen is displayed if you press the [SETTINGS] key.

3 Tap the “Item” whose setting is to be changed



Displays the Settings screen of the selected items.

Available Settings

Settings name	Settings content
Sound Control	It is possible to change the sound quality settings. → <i>“Adjust Audio Sound Quality”</i> (P122)
Volume	It is possible to change the volume settings. → <i>“Setting Volume”</i> (P127)
DAB ^{*1}	It is possible to change the DAB settings. → <i>“DAB Setting”</i> (P128)
FM/AM ^{*2}	It is possible to change the Radio settings. → <i>“Radio Setting”</i> (P128)
Display	It is possible to change the Image settings. → <i>“Display Settings”</i> (P129)
Bluetooth	The Bluetooth function can connect any commercially available Bluetooth device to this product. → <i>“Bluetooth Setting”</i> (P130)
Apple CarPlay ^{*3}	It is possible to change Apple CarPlay settings. → <i>“Apple CarPlay/Android Auto”</i> (P132)
Android Auto ^{*3}	It is possible to change Android Auto settings. → <i>“Apple CarPlay/Android Auto”</i> (P132)
Vehicle Settings ^{*2}	The vehicle equipment settings can be performed. → <i>“Vehicle Settings”</i> (P134)

Settings name	Settings content
Language ^{*2}	It is possible to select the language you want to use. → <i>“Language”</i> (P133)
Reset voice control learning ^{*4}	The voice recognition learning data can be reset. → <i>“Resetting Learnt Data”</i> (P133)
Units	It is possible to change the units. → <i>“Units”</i> (P133)
Clock	It is possible to change the time settings. → <i>“Clock”</i> (P134)
Reset All	Restores the factory settings of the product. → <i>“Reset All”</i> (P138)

*1) Equipment by region.

*2) It may not be displayed for certain models.

*3) If an Apple CarPlay or Android Auto capable smartphone has never been connected, the button won't be displayed.

*4) It will not be displayed if the “Language” is set to “Arabic” or “Indonesian”.

Adjust Audio Sound Quality

Change audio quality settings.

NOTE

- In Audio OFF, Incoming call, In call, or Dialling state, the sound control is unavailable.

ADVICE

- If the type of product is **Type 2**, press the [TUNE/SOUND] to open the Sound Control screen.→“This Product”(P11)

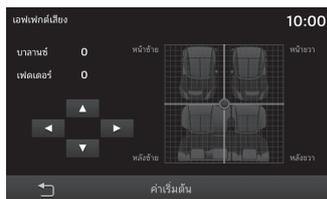
Fader/Balance

The sound level output from the speakers can be adjusted with the cursor button.

1 Display the Settings Menu(→P121)

2 Tap **Sound Control**

3 Tap **Fader/Balance**



4 Tap **◀** or **▶** to adjust the Balance

Any number between -11 to 0 to 11 can be set.

5 Tap **▲** or **▼** to adjust Fader

Any number between 11 to 0 to -11 can be set.

The Fader/Balance settings are complete.

ADVICE

- It can also be adjusted by simply tapping the position of the level you want to set.
- Tap [Default] to return all sound controls to the factory settings.

Tone

You can set various sound quality levels.

1 Display the Settings Menu(→P121)

2 Tap **Sound Control**

3 Tap **Tone**

4 Tap **−** or **+** to adjust the sound quality levels



If the vehicle is equipped with a Premium (8 speakers), then “PUNCH” level can also be set.

The Tone settings are complete.

ADVICE

- Tap [Default] to return all sound controls to the factory settings.

Available Settings

Settings name	Settings content
TREBLE	Allows you to set the treble to one of 11 levels, from -5 to 0 to +5.
MID	Allows you to set the middle tone elements to one of 11 levels, from -5 to 0 to +5.
BASS	Allows you to set the bass to one of 11 levels, from -5 to 0 to +5.
PUNCH¹	Allows you to set the deep bass to one of 7 levels, from 0 to 6.

*1) This setting item is available only in the vehicles equipped with a Premium (8 speakers) .

Equalizer

It allows you to set the sound type.

1 Display the Settings Menu(→P121)

2 Tap **Sound Control**

3 Tap **Equalizer**

4 Tap sound “Type”



ADVICE

- Tap [Default] to return all sound controls to the factory settings.

Vehicles equipped with Premium (8 speakers)

Surround/Listening Position Setting

You can perform the Surround and sound field centre settings.

1 Display the Settings Menu(→P121)

2 Tap **Sound Control**

3 Tap **Surround**

4 Tap Surround “Type”

If you don't want to set it up, tap [OFF].



5 Tap the “Position” you want to set



The Surround/Listening Position settings are complete.

ADVICE

- [dts Neural Surround] setting is available only in the vehicles equipped with a Premium (8 speakers).
- If the Audio source is AM/FM, the Surround setting is disabled.
- Tap [Default] to return all sound controls to the factory settings.

Other Settings

- 1 Display the Settings Menu(→P121)
- 2 Tap **Sound Control**
- 3 Tap **Other**
- 4 Tap **−** or **+** under each item you want to set



The setting changes are complete.

ADVICE

- Tap [Default] to return all sound controls to the factory settings.

Available Settings

Settings name	Settings content
DOLBY Volume ^{*1,*2}	You can select a level that automatically adjusts the volume differences of various sources and songs in real time. If you tap [+], the bars increase and settings can be performed in 3 stages or OFF.
PremiDIA HD ^{*1,*2,*3,*4}	You can adjust the augments used to reproduce the stereoscopic effect and depth of the original sound by anticipating and restoring the high tones lost due to compression of the music data. If you tap [+], the bars increase and settings can be performed in 2 stages or OFF.
Speed Compensated Volume	This sets the degree of automatic adjustment of the volume according to vehicle speed. If you tap [+], the bars increase and settings can be performed in 3 stages or OFF.

*1) Disabled when the Audio source is AM/FM.

*2) This setting item is available only in the vehicles equipped with a Premium (8 speakers) .

*3) This is also effective for non-compressed sound sources.

*4) "dts Neural Surround" and "PremiDIA HD" cannot be selected together.

ADVICE

- If you feel that the DOLBY AUDIO effect is not suitable for the music being played back, switch it OFF.

System Settings

You can perform the system settings such as time, language, volume, unit, and Bluetooth devices.

Equipment by type

Setting Charging Timer

You can set any of 5 patterns for the charging timer.

1 The HOME screen is displayed (→P18)

2 Tap **PHEV & Info**

3 Tap **Charging Timer**

4 Tap the “Preset” you want to set



5 Tap **↑** or **↓** to input “Start Time” and “End Time”



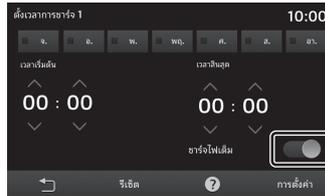
6 Tap the “Day of the Week” when to charge



7 Setting ON/OFF for “Full Charge”

: ON
 : OFF

If Full Charge is turned ON, and if the charging does not complete within the time set on the timer, charging will continue until it is complete, even if the end time on the timer is exceeded.



8 Tap **Set**

Timer setting is complete.

ADVICE

- The range for time setting is “0 to 23 hours” and “0 to 50 minutes (in increments of 10 minutes)”.
- If the start time and end time are set to the same time, the timer function will not operate.
- When Preset is set to (OFF), the timer function will be turned OFF.
- When charging timer is set for a certain day, it does not work on other days. If you want to charge the battery immediately upon inserting the charging gun, switch OFF the charging timer for all days of the week.
- Tap [Reset]→[OK] on the Timer Setting screen to reset the setting contents you have input.
- When the settings are configured for the charging timer, they are displayed on the preset field.

Deleting Registered Details

Deletes all charging timer presets.

1 The Charging Timer screen is displayed(→P125)

2 Tap **Reset All**

3 Tap **OK**

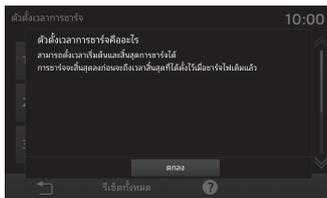


Deletion of all charging timer presets is complete.

Checking Help

1 The Charging Timer screen is displayed(→P125)

2 Tap **?**



This displays Help.

Equipment by type

Setting Remote Climate Control

You can set one of 5 patterns for the climate control timer.

1 The HOME screen is displayed (→P18)

2 Tap **PHEV & Info**

3 Tap **Remote Climate Control**

4 Tap the “Preset” you want to set



5 Tap **^** or **v** to input the Start Time

6 Tap the “Day of the Week” you want to set



7 Tap the “Operation Time” you want to set



8 Tap **Set**



This displays the Climate Control Timer screen.

9 Tap the “Climate Control Mode” you want to set



10 Tap **↶**



Timer setting is complete.

ADVICE

- The range for setting the Start Time is “0 to 23 hours” and “0 to 50 minutes (in increments of 10 minutes)”.
- When Preset is set to  (OFF), the timer function will be turned OFF.
- The operation time setting is fixed and cannot be set by the day of the week.
- When the climate control mode is not set, the timer function will not operate.
- Selection of climate control mode may not be available for certain types of equipment. In such case, the climate control mode will be “AC”.
- Tap [Reset]→[OK] on the Timer Setting screen to reset the setting contents you have input.
- When the settings are configured for the climate control timer, they are displayed on the preset field.

Deleting Registered Details

Deletes all climate control timer presets

1 Tap **Reset All** on the **Climate Control Timer** screen is displayed(→P126)

2 Tap **Reset All**

3 Tap **OK**

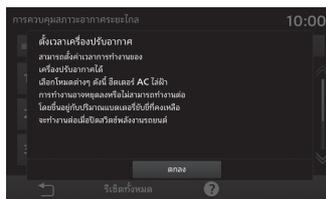
Deletion of all climate control timer presets is complete.

Checking Help

You can check Help for timer settings.

1 Tap **Help** on the **Climate Control Timer** screen is displayed(→P126)

2 Tap **?**



This displays Help.

ADVICE

- If  or  is not displayed, you can tap to send the page.

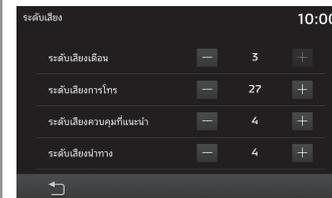
Setting Volume

It is possible to change the volume settings.

1 Tap **Settings** on the **Settings** Menu(→P121)

2 Tap **Volume**

3 Tap  or  to adjust the various volume settings



The volume settings are complete.

Available Settings

Settings name	Settings content
Beep Sound Volume	You can set the audio volume to 4 stages from 0 to 3 when the key is pressed.
Phone Call Volume	Allows you to set the phone call volume. Allows you to set the phone call volume to one of the 46 levels, from 0 to 45.
Voice Control Guidance Volume¹	Allows you to set the voice control guidance volume. Allows you to set the phone call volume to one of the 8 levels, from 0 to 7.
Navi Volume²	Allows you to set the NAVI voice guidance volume. Allows you to set the phone call volume to one of the 8 levels, from 0 to 7.

*1) This is not displayed if the language (P133) has been set to Arabic or Indonesian.

*2) The item may not be displayed, depending on the vehicle specifications.

DAB Setting

Configures the automatic radio station tuning.

1 Display the Settings Menu(→P121)

2 Tap **DAB**

3 Tap ◀ or ▶ to change each item



The DAB settings are complete.

Available Settings

Settings name	Settings content
DAB-DAB Link	If a DAB service component that was being received can no longer be received, then you can switch to a DAB service component that can receive the same programme if this setting is [On].
DAB-FM Link	If a DAB service component that was being received can no longer be received, then you can switch to an FM programme that allows you to receive the same programme if this setting is [On].
TP Standby	If this setting is [On], the traffic information is interrupted.
Band Range	Searches for an available channel within the frequency range supporting a selected Band.

Radio Setting

It is possible to change the radio settings.

1 Display the Settings Menu(→P121)

2 Tap **FM/AM**

3 Tap ◀ or ▶ to change each item



The Radio settings are complete.

Available Settings

Setting items may differ depending on the region.

AF Check	If this setting is [On] and reception of your channel is poor, it checks the specified alternative channels and allows you to switch if their reception is better.
Reg	If this setting is [Off], AF Check will be carried out with alternative channels including REG channel.
TP Standby	If this setting is [On], the traffic information is interrupted.
AM Frequency Resolution	Switches the frequency settings of the AM frequency resolution to [9kHz] or [10kHz].

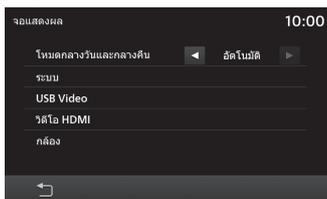
Display Settings

Used to adjust the brightness, contrast, and related settings of the menu and image screens.

1 Display the Settings Menu(→P121)

2 Tap **Display**

3 Tap the “screen” you want to adjust



4 Adjust items.



The screen settings are complete.

Available Settings

Settings name	Settings content
Brightness	Adjusts brightness. The screen gets brighter if you tap [+] and darker if you tap [-]. Long press (P14) to go on adjusting the brightness up to a desired level.
Contrast	Adjusts the contrast (sharpness). The contrast gets stronger if you tap [+] and weaker if you tap [-]. Long press (P14) to go on adjusting the contrast up to a desired level.
Black Level	Adjusts the Black level. The Black level increases (screen gets darker) if you tap [+] and decreases if you tap [-]. Long press (P14) to go on adjusting the blacklevel up to a desired level.
Tint	Adjusts Tint. The display turns greenish if you tap [+] and reddish if you tap [-]. Long press (P14) to go on adjusting the tint up to a desired level.
Colour Intensity	Adjusts the Colour Intensity. The colour gets darker if you tap [+] and lighter if you tap [-]. Long press (P14) to go on adjusting the colour intensity up to a desired level.

Day&Night Mode

The screen colour can be changed along with the vehicle ILL illumination.

1 Display the Settings Menu(→P121)

2 Tap **Display**

3 Tap **◀** or **▶** to change



The Day&Night Mode settings are complete.

Available Settings

Settings name	Settings content
Day	Sets mode to constantly bright.
Night	Sets mode to constantly dark.
Auto	Links to the switching ON/OFF of ILL. When ILL is ON, dark mode will be set. When ILL is OFF, bright mode will be set.

Bluetooth Setting

You can use the Bluetooth function to connect any commercially-available Bluetooth device to this product.

What Bluetooth is

Bluetooth is a wireless communications standard specialised for connecting devices over short distances (a few meters or less).

NOTE

- This product is compatible with 4.1+ EDR Bluetooth.

Supported profiles

Bluetooth AUDIO	AVRCP (v1.4 or lower)
Hands-free phone	HFP (v1.6 or lower)
Phonebook transfer	PBAP (v1.2 or lower)
Serial communication	SPP (v1.2 or lower)
Makes input device wireless	HID (v1.1 or lower)

NOTE

- Cancel functions such as the mobile phone “dial lock”, and connect while on the standby screen.
- While connected, operations on the Bluetooth device (receiving calls, etc.) may not function correctly.
- For details on how to enter the passkey for your Bluetooth device, refer to its user manual.

NOTE

- The connection fails sometimes. Register again.
- Depending on the distance between this product and your Bluetooth device, the conditions within the vehicle, and types of screening, connection may not be possible. In this case, put your Bluetooth as close as possible to this product.
- Even though a device is Bluetooth-capable, its characteristics and specifications may mean that correct operation is not possible.
- Some Bluetooth devices cannot be connected.
- Depending on the Bluetooth device, connecting may take some time.
- Up to five Bluetooth devices can be registered.
If the maximum number of devices are already registered, you need to delete at least one of them before registering a new device.

Registering a Bluetooth Device

Register a Bluetooth device in this product.

1 Display the Settings Menu(→P121)

2 Tap **Bluetooth**

If no Bluetooth devices are registered, a screen prompting you to register a device will be displayed. Tap [OK] and proceed to step 5.

3 Tap **Device Management**

4 Tap

5 Check that the passkey displayed on the screen is same as the one displayed on the Bluetooth device



6 From the available Bluetooth devices, select the product

7 Tap **OK**



When the connection is complete, the Bluetooth and signal strength icons are displayed.

ADVICE

- When the telephone is not registered, press the [PHONE] key to display the pairing screen.
- After pairing, the Contacts from the phone are imported.

Selecting a Bluetooth Device

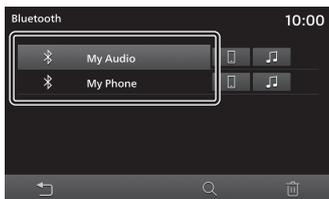
If you have registered multiple Bluetooth devices, you must select the one to connect. (From then on, the Bluetooth device you set with this function is connected by you just bringing it into the vehicle.)

1 Display the Settings Menu(→P121)

2 Tap **Bluetooth**

3 Tap **Device Management**

4 Tap the name of the “device” you want to connect to



5 Tap or

If you want to connect to a Bluetooth device and use it in the hands-free mode, select . When using it for Bluetooth AUDIO, select .

6 Tap **OK**

This completes selection of the Bluetooth device.

ADVICE

- A smartphone using Apple CarPlay/Android Auto cannot be connected to Bluetooth Audio (AVP).

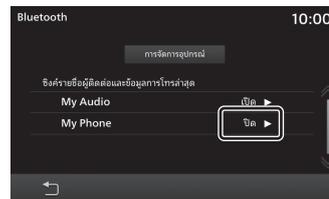
Synchronising Contacts and History

The contacts and history of the mobile phones connected via Bluetooth can be viewed on the product and are available for use.

1 Display the Settings Menu(→P121)

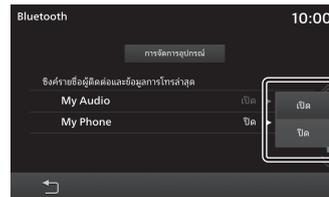
2 Tap **Bluetooth**

3 Tap **OFF** of the device to be paired



If this screen is [ON], synchronisation (display) has already been completed. Hence, the subsequent operations are unnecessary. [OFF] Tap OFF to disable synchronisation (display).

4 Tap **ON**



Once synchronisation has started, the contacts and history of mobile phones connected via Bluetooth are available for use via the product.

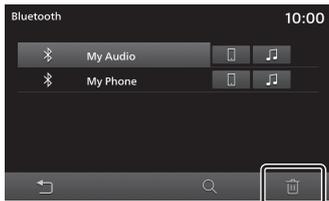
NOTE

- It may take some time to complete synchronisation of the contacts and history.

Deleting a Registered Bluetooth Device

Deletes the registered Bluetooth device.

- 1 Display the Settings Menu(→P121)
- 2 Tap **Bluetooth**
- 3 Tap **Device Management**
- 4 Tap the name of the “device” you want to delete
- 5 Tap 
- 6 Tap **OK**



The selected device will be deleted.

Apple CarPlay/Android Auto

Devices that use Apple CarPlay or Android Auto can be managed.

NOTE

- If an Apple CarPlay or Android Auto-capable smartphone has never been connected, this won't be displayed.

Enabling/Disabling a Device

The registered devices can be enabled or disabled.

- 1 Display the Settings Menu(→P121)

ADVICE

- If the vehicle is not equipped with a navigation system, the Settings screen is displayed if you press the [SETTINGS] key.

- 2 Tap **Apple CarPlay** or **Android Auto**
- 3 Tap the name of the “device” you want to set
- 4 Tap **Enable** or **Disable**



A message is displayed, and the settings for the selected device are complete.

Icons

Icon	Icon contents
	Activated.
	Deactivated.
	Neither activated nor deactivated.

Deleting a Device

- 1 Complete the operations up to “Enabling/Disabling a Device”(P132) Step 2
This displays the device list.
- 2 Tap the name of the “device” you want to delete
- 3 Tap 
- 4 Tap **OK**



The selected device has been deleted.

Language

Switch the language being used.

- 1 **Display the Settings Menu**(→P121)
- 2 Tap **Language**
- 3 Tap the “Language” you want to switch to



- 4 Tap **OK**

The language has been changed.

ADVICE

- Available languages may vary depending on the region.

Resetting Learnt Data

This product stores the data each time voice recognition is used to improve the voice recognition function. This accumulated data can be deleted to reset the product to the factory settings.

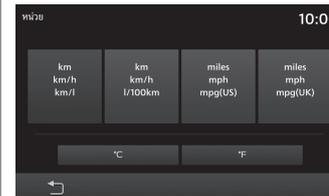
- 1 **Display the Settings Menu**(→P121)
- 2 Tap **Reset voice control learning**
- 3 Tap **OK**

This will delete the accumulated learnt data and reset the product to the factory settings.

Units

This changes the unit. Settings may differ depending on the vehicle model.

- 1 **Display the Settings Menu**(→P121)
- 2 Tap **Units**
- 3 Tap the “unit” to be changed



The unit change is complete.

Clock

You can change the time settings.

1 Display the Settings Menu(→P121)

2 Tap **Clock**

3 Tap “Display details” of the time you want to set

Vehicles equipped with navigation system



Vehicles not equipped with navigation system



The time display settings are complete.

Available Settings

Settings name	Settings content
Time zone area	Tap [-] or [+] as required to set the time zone. In vehicles equipped with a navigation system an area illustration will appear and the area will be shown in the colour selected for that time zone.
Summer Time ^{*1}	Tap [ON] or [OFF] to set whether to consider daylight saving time.
Format Change	Tap [12h] or [24h] to change the time display format.

*1) This setting may not be displayed for certain models.

Equipment by type

Vehicle Settings

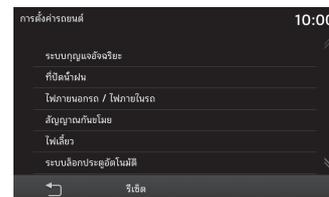
You can configure settings for the vehicle equipment.

1 The HOME screen is displayed (→P18)

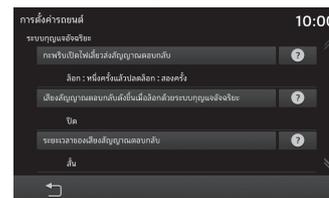
2 Tap **Settings**

3 Tap **Vehicle Settings**

4 Tap the “Equipment” you want to configure



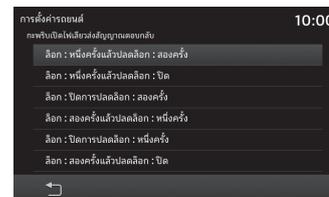
5 Tap the “Item” whose setting is to be changed



ADVICE

- Tap **?** to check the Settings content.

6 Tap “Setting Value”



The vehicle equipment setting is complete.

Available Settings

NOTE

- “**” indicates the items that may not be displayed, depending on the vehicle specifications.
- Either “Keyless Entry System” or “Keyless Operation System” is displayed depending on the vehicle equipment.
- Settings may not be available for certain vehicle models.

Keyless Entry System

Item	Settings content
Turn Signal Lights Answerback	Sets the number of times the lights flash for locking and unlocking.

Keyless Operation System

Item	Settings content
Turn Signal Lights Answerback	Sets the number of times the lights flash for locking and unlocking.
Keyless Operation Answerback Beep Sounds	Sets the beep sound for locking and unlocking.
Time for Remote Unlock Inactivation after Locking	Sets the duration you must wait after locking by boot before unlocking again.

Wipers

Item	Settings content
Windshield Wipers Intermittent Operation	Sets the operation interval for the windscreen wipers.
Wipers Linked to Washer	Sets automatic operation of wipers when the washer fluid is sprayed.
Comfort Washer	Enables/disables the automatic cleaning function where wipers operate automatically while the washer fluid is sprays intermittently for a certain period of time.
Rear Wiper Intermittent Interval	Sets the operation interval for the rear wiper.
Rear Wiper Activated when in Reverse	Sets the rear wiper to operate when the gear stick is in R (Reverse).

Exterior Lights / Interior Lights

Item	Settings content
Headlight Auto-cutout Function	Sets the function that automatically turns off the headlights if they are ON and the driver switches OFF the engine.
Sensitivity for Auto Light	Sets the timing for the headlights automatically switching ON when it becomes dark outside.
Headlights ON when exiting Vehicle	Sets the duration the headlights are ON after locking the engine switch.
Exterior Lights ON with Remote Unlock	Sets the function that switches ON the lights when the remote control Unlock button is pressed.
Interior Light Auto-cutout Time	Sets the duration until the interior lights automatically switch OFF when the engine is turned off with interior lights still on.
Duration Dome Light Remains On after Door is Closed	Sets the duration until the interior lights automatically switch OFF after the doors are closed.
Charging Lid Light Auto cut-out	Sets the lighting duration for the charging lid light.

Theft Alarm

Item	Settings content
Theft Alarm	Enables/disables the theft alarm.
Duration of Pre-Alarm	Set the time of the pre-alarm.

Turn Signal

Item	Settings content
Operation in Key Position	Sets the operation conditions of the indicators.
Lane-change Signals (Flash Three Times with 1 Touch)	Enables/disables lights to flash 3 times when gently operating the indicator stalk to change lanes.
Activation Time for Lane-change Signals	Sets the operating time for the indicator stalk to trigger the lane-change signal (flash 3 times for 1 touch) function.

Power Door Locks

Item	Settings content
Automatic Relocking after Unlocked by Keyless Entry*	Sets the duration the door stays unlocked after it is unlocked with a Keyless Entry or a Smart Entry Fob.
Unlock Operation	Sets the doors for which unlocking is enabled.
Automatic Unlock	Sets the doors to automatically unlock.

Air Conditioner

Item	Settings content
Recirculation Control	Allows you to select automatically or manually between recirculate and refresh mode. ^{*1}
A/C Switch Control	Allows you to select automatically or manually between ON and OFF mode of air conditioner. ^{*2}
Eco Mode	Allows you to select whether to operate the ECO driving of the air conditioner or not during ECO mode operation (Only vehicles with ECO mode switch). ^{*3}
Foot / Defroster Airflow Ratio	When you manually set the air conditioner's fan outlet to  , you can set the ratio between ventilation to your feet and ventilation to the window.
Face / Foot Airflow Ratio	When you manually set the air conditioner's fan outlet to  , you can set the ratio between ventilation to your upper body and ventilation to your feet.
Automatic Rear Defrost at Start	Allows you to select automatic or manual operation of the rear defogger when engine starts and outside air temperature is low.

*1) However, when you press the defroster switch, the mode will automatically switch to External Air Intake to prevent fogging of the windows, even if the setting is [Manual].

*2) However, when you press the defroster switch, the air conditioner will automatically turn ON to prevent fogging of the windows, even if the setting is [Manual].

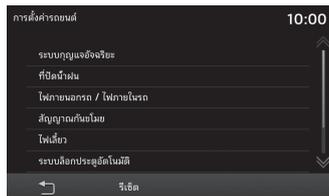
*3) During Eco driving, you may feel that the air conditioner does not work properly because the operation of the air conditioner is controlled.

Others

Item	Settings content
Door Mirror Auto-Fold/Unfold	Sets door mirror automatic folding and extension.
Auto Cut of ACC Power	Sets the duration until ACC automatically switches OFF when the engine switch is ACC.

Resetting Vehicle Settings

- 1 Complete the operations up to “Vehicle Settings”(P134) Step 3



- 2 Tap **Reset**

- 3 Tap **Yes**

Resetting of the equipment settings is complete.

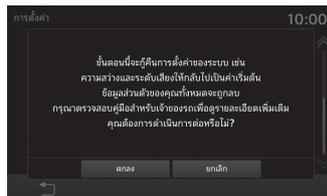
Reset All

Restores the factory settings of the product.

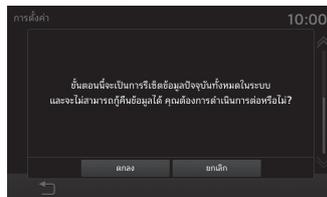
- 1 Display the Settings Menu(→P121)

- 2 Tap **Reset All**

- 3 Tap **OK**



- 4 Tap **OK**



The device is restarted automatically to complete the resetting.

Other

Voice Control

You can perform telephone and audio operations by voice command.

Starting the Voice Recognition Function

- 1 Press the  key on the steering wheel. After you hear the “beep”, say “Voice commands”.

→“Steering Remote Control Switch Operation”(P16)

ADVICE

- You can check how to use the voice control. →“Check the Voice Command Help”(P140)
- Voice tag registration is required to make a call using voice recognition. →“Registering a voice tag”(P27)

Ending voice control function

- 1 Hold down the  key on the steering wheel

→“Steering Remote Control Switch Operation”(P16)



End voice control.

NOTE

The voice control function may have difficulty in some environments and with the way some people speak. The followings will help you make the best use of the voice control function.

- Speak loud and clear. This makes voice recognition easier.
- When making a call, avoid saying things such as “uh”, “um, uh”, “aah”, etc. These may be mistaken for other words.
- Close the windows. Noise from the outside can cause recognition mistakes.
- Ask everyone else in the vehicle to please be quiet while you voice-dial a call. The voices of others in the vehicle can cause recognition mistakes.
- Words are sometimes mistaken for other words with a similar pronunciation.
- If there is too much ambient noise, recognition mistakes may occur. Example: Driving through a tunnel, driving with chains on the tyres
- Strong air flow from the air conditioner or heater may make recognition more difficult.
- In the following cases, voice commands are not accepted.
 - Speaking too slow (too fast)
 - Speaking too loud (too softly)
 - Not saying anything or pronunciation is unclear
 - Spoke before the “beep”

Check the Voice Command Help

You can check the usage for voice control (P139), a list of voice commands, etc.

This function is unavailable if you change the language (P133) to Arabic or Indonesian.

ADVICE

- In case of PHEVs, the [Info] button is named [PHEV & Info].

1 Press the **HOME** key

2 Tap **Info**

3 Tap **Help**

4 Tap **Voice Control Help**



After that, please check the operation method by tapping each menu.

Troubleshooting

Please check these items if a message appears on the screen, or if you think something is not working properly.

If This Message Appears...

A message is displayed on the screen of this product according to the situation.

Message	Cause	Corrective action
No music data in iPod.	An iPod not containing any tracks has been connected.	Please connect an iPod containing tracks.
No data.	USB memory is not connected.	Please connect a USB memory.
No media resources!	The connected USB memory has no music or video files that can be played.	Add playable music or video files in the USB memory. →“Music files”(P31) →“Video files”(P38)
No available audio file!	There are no music files that can be played in the Bluetooth capable audio device.	Add playable music files to the Bluetooth capable audio device. →“Music files”(P31)
iPod read error!	Read Failure.	Please check the iPod connection.
Unable to read USB memory		Please check the USB memory connection.
Failed to scan USB device!		
Failed to get playlists!	Failed to read playlists!	Please reconnect the Bluetooth capable audio device. Also if the USB memory is powered, switch it OFF/ON.
Entered dial number is invalid.	99 digits or more entered.	Enter the correct number.
USB Hub not supported.	USB Hub connected.	Remove the Hub and connect the USB memory.
No response.	Connected to an incompatible USB memory.	Connect a compatible USB memory. →“Listen to a music file from USB memory”(P54)
Not supported.		
Speaker failure detected	Abnormality detected in speaker.	Switch OFF/ON the vehicle's engine/power switch.
Overcurrent detected	Overcurrent detected in USB.	Switch OFF/ON the vehicle's engine/power switch. If the power cannot be restored, then consult Mitsubishi Motors dealer.

If You Think Something Is Not Working Properly...

Here is a list of symptoms, causes, and corrective actions to be taken if you think something is not working properly.

Common

Symptoms	Cause	Corrective action
The operation sound is not made.	The operation sound is set to [0].	Set the [Volume] "Beep Sound Volume" to [1] to [3]. → "Setting Volume" (P127)
There is no sound or the audio volume is low.	The volume is turned to its minimum.	Adjust the volume. → "Adjust Volume" (P13)
	The balance or fader is turned to one side.	Adjust the balance or fader. → "Fader/Balance" (P122)
	The audio is set to [OFF].	Please turn [ON] audio. → "Switch Audio ON/OFF" (P30)
Nothing is displayed on the screen.	The screen is turned OFF.	Stop the vehicle in a safe location, apply the parking brakes, then perform the operation to turn the screen back ON. → "Switching OFF the screen display" (P13)
	The vehicle's battery voltage has dropped.	Charge or replace the battery.
	The temperature inside the product is high.	Please wait for the temperature to drop.
The screen is dark.	The screen brightness is not correctly adjusted.	Adjust the screen brightness. → "Display Settings" (P129)
	The vehicle's lights are ON.	The factory default setting is that when the vehicle's lights are ON, the screen becomes dark.
	The Day/Night Mode is set to [Night] mode.	Set Day/Night Mode to [Auto] or [Day]. → "Day&Night Mode" (P129)

Navigation Functions (Equipment by type)

Symptoms	Cause	Corrective action
The mark of your car is not displayed in the correct position.	There is a problem with the radio signals from the GPS satellite.	Please go on for a little while in the GPS receiving state.
	The vehicle moved by ferry or the like.	
	The vehicle's direction was changed by a turntable in a parking garage or the like.	
GPS cannot be received.	When this product is used for the first time, it takes a while to calculate the position of your car.	Wait in a location with a good view for a while.
	When this product has not been used for long time, it takes a while to calculate the position of your car.	
	A mirror type film or shade film that contains carbon is pasted onto the windshield near the GPS antenna.	Check the position of the GPS antenna (<i>P65</i>) and if such a film may be the cause of the problem, peel off that film.
	Some other antenna is near the GPS antenna.	Check the position of the GPS antenna (<i>P65</i>) and if another antenna may be the cause of the problem, move that other antenna.
	There is something on the GPS antenna.	Check the position of the GPS antenna (<i>P65</i>) and if something on the GPS antenna may be the cause of the problem, remove it.
There is no audio guidance.	The audio guidance volume is "OFF".	Set the [Volume] "Guidance Voice Volume" to [1] to [7]. → "Setting Volume" (<i>P127</i>)

NBTC Certification

This telecommunication equipment conforms to the standard or technical requirements of NBTC.

