

Model: G31 BASE
G31 BASE+
G31 MID
G31 HIGH

INTRODUCTION

INTRODUCTION

The symbols described below are found in this instruction manual as well as on the unit itself to insure its proper and safe usage and to prevent injury or damage to property. Make sure you understand the meaning of these symbols before reading the rest of this manual.

READ FIRST

We recommend that you wait until the positioning stabilizes before starting to drive.

If you start to drive while the positioning is not complete, the indicated position may differ from the actual vehicle position.

The screens shown in this manual may differ from the actual screens depending on the data type or when the map data was created.

When maps are created, land surveys are conducted and information on road improvements and reopening is collected to provide the most accurate information possible. However, modifications to roads, place names and facilities may be carried out at any time. Consequently, we cannot guarantee that map data contains no errors in road positions, configuration and names, or in facility names.

Information in this manual that must be observed for the unit, and information that is useful to know is indicated as follows.

WARNING

This sign indicates a situation in which incorrect handling through disregard of written information might result in death or serious personal injury.

CAUTION

This sign indicates a situation in which incorrect handling through disregard of written information might result in personal injury or damage to property.

NOTE

Useful information for the user is described.

Be sure to read all materials such as manuals and warranties that come with the product. SUBARU CORPORATION is not responsible for problems that arise due to failure to follow these instructions.

Changes to product specifications may result in differences between the content of the manual and the features of the unit.

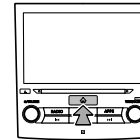
SYMBOLS USED IN ILLUSTRATIONS


Safety symbol



The symbol of a circle with a slash through it means "Do not", "Do not do this" or "Do not let this happen".

Arrows indicating operations



 Indicates the action (pushing, turning, etc.) used to operate switches and other devices.

PRECAUTIONS FOR USE

WARNING

The main unit requires a 12 V DC power supply. The main unit should not be installed in any vehicle which does not have a 12 V power system with a ground-connected negative side. An installation other than the one intended may cause severe damage to the main unit, and electric shock or serious injury to the users.

Even when using the route guidance of the navigation system, be sure to drive by following the actual traffic regulations. If you drive by following only the route guidance of the navigation system, you may violate the actual traffic regulations and cause a traffic accident.

To ensure safety, the driver should not operate the navigation system while driving. Operating the navigation system while driving may result in an accidental steering wheel operation or otherwise cause an accident. Stop the vehicle before operating the navigation system. Also, do not watch the screen while driving because doing so may be dangerous (ETC). Inattention to road conditions ahead may result in an accident.

The driver should not perform operations such as volume adjustment while driving. Inattention to road conditions ahead may result in an accident, so be sure to stop the vehicle in a safe place before performing the operation.

The driver should not change discs while driving. Inattention to road conditions ahead may result in an accident, so be sure to stop the vehicle in a safe place before performing the operation.

The driver should not perform operations such as adding a location or setting the memory while driving. Inattention to road conditions ahead may result in an accident, so be sure to stop the vehicle in a safe place before performing the operation.

To ensure safety, never operate a cell phone while driving.

Do not let foreign objects enter the disc slot. Doing so may result in a fire or electric shock.

Do not disassemble or modify the unit. Doing so may result in an accident, fire or electric shock.

Do not let water or foreign objects enter the internal parts of the unit. Doing so may result in smoke, fire or an electric shock.

Do not use the unit when it is malfunctioning, such as when the screen is not lit or no sound comes out. Doing so may result in an accident, fire or electric shock.

Always replace fuses with fuses of the same specified capacity (amperage). Using a fuse with a higher capacity than the specification may result in a fire.

If a foreign object or water enters the unit, smoke or a strange odor may be emitted. If such an abnormality occurs, stop using the unit immediately and contact your SUBARU dealer. An accident, fire or electric shock may result if you continue to use the unit under these conditions.

In a thunderstorm, do not touch the antenna line or the unit. Lightning may cause an electric shock.

Do not park or stop in prohibited areas to use the unit.

If direct sunlight shines into the vehicle, light may reflect off the product. Be very careful while driving.

Never use headphones or earphones while driving. Driving while not being able to hear sounds from outside the vehicle may result in a traffic accident.

CAUTION

Although the unit can be used when the ignition switch is set to either "ACC" or "ON" position, to protect the battery, start the engine before using the unit.

Do not use the unit anywhere other than in a vehicle. Doing so may result in an electric shock or other injury.

While driving, keep the volume low enough for you to hear outside sounds. Driving while not being able to hear sounds from outside the vehicle may result in an accident.

Be careful of the volume when turning on the power. If a loud noise is emitted suddenly when you turn on the power, it may damage your hearing.

Do not apply a strong force to the display. Doing so may result in a malfunction.

Do not put your fingers or hands into the disc slot. Doing so may result in an injury.

Do not touch the hot parts of the unit. The hot parts may burn you.

Do not use while there is an abnormality such as sound breakup or distortion. Doing so may result in a fire.

Using the unit during extremely high or low temperature may result in mistaken operation or a malfunction. In particular, the temperature inside the vehicle can often rise to a high level during the summer. Cool the vehicle, for example by opening a window, before using the unit.

Be careful if metal or water enters the unit, or the unit is exposed to a strong impact, because it may result in a malfunction.

The touch buttons on the display screen may not operate correctly if condensation forms inside them. If this happens, do not attempt to operate the switches until the condensation has disappeared.

INTRODUCTION

If juice or similar liquid is spilled on the display, wipe off immediately. Failure to do so may result in product malfunction.

The screen is easily marked by fingerprints and tends to attract dust, and should therefore be cleaned occasionally. When cleaning, turn off the power, and wipe lightly with a soft, dry cloth. To remove dirt, soak a soft cloth in neutral detergent and squeeze well before wiping. Do not use a wet floor-cloth, organic solvents (benzene, ethanol, thinner, etc.), acids, or alkalis. Using such agents will result in screen deterioration. Furthermore, do not hit the screen or rub it with hard objects.

NOTE

SUBARU CORPORATION is not responsible for any damages to the purchaser or third parties that occur from using the map data.

We do not provide any replacements or refunds for any mistakes there may be in the map data displays or contents, such as misspelling, omissions or misaligned positions.

SUBARU CORPORATION makes no guarantee that the functions included in the map data will be appropriate for the specific objectives of the purchaser.

Functions that cannot be operated while driving have their colors toned down when the vehicle is being driven, and their operation is disabled. Touching a disabled switch may result in the display of an operation prohibited message on the screen.

NOTE

During strong vibrations, such as when driving on a poor road surface, the unit may no longer be able to read the data from the disc, and it will not operate correctly. When the vibration lessens, normal operation will return after a short time.

Immediately after turning on the heater when the temperature is low, dew (water drops) may adhere to the lens of the CD reader (condensation). If this happens, leaving the unit for about an hour should remove the condensation and return the unit to normal operation.

If the unit does not return to normal operation even after several hours, contact your SUBARU dealer.

When using the unit for the first time after purchase, or after the battery was removed for a long time, the current position may not be displayed correctly. Wait a short time until the GPS positioning corrects the displayed position.

This device is precision-engineered equipment and the recorded data can be lost as a result of static electricity, electrical noise, vibration, or other influences. To protect the device against data loss, we recommend keeping a separate record of the data that you record after purchase.

The screen may be adversely affected or disturbed by noise if electrical equipment that generates powerful electrical noise is used near the system. In such cases, keep the electrical equipment at a distance, or refrain from use.

NOTE

The display may appear brighter when the temperature is low, or immediately after starting the engine, however, this is a characteristic of the LED elements, and does not indicate a fault. The display will return to its original brightness when the vehicle cabin has warmed up.

When you look at the screen through polarized material such as polarized sunglasses, the screen may be dark and hard to see. If so, look at the screen from different angles, adjust the screen settings on the general settings screen or take off your sunglasses.

It may be difficult to view the screen if the display is exposed to sunlight from an awkward angle.

The LCD screen may not function normally if covered with a protective film. Do not affix a protective film.

The touch panel may function incorrectly or fail to respond if operated with objects other than fingers (nails, operation when wearing gloves, pens, etc.)

When inserting or removing CDs, take care not to touch the touch panel. The touch panel will respond if inadvertently touched by hand.

If the system functions unexpectedly such as an area other than the one touched being selected, or failure to respond when touched, there is a possibility that another finger or part of the hand is in contact with display.

Scratches on the system panel surface are easily noticeable, and it should therefore be handled with care.

SAFETY INSTRUCTION (8-inch system/6.5-inch system only)

To use this system in the safest possible manner, follow all the safety tips shown below.

Do not use any feature of this system to the extent it becomes a distraction and prevents safe driving. The first priority while driving should always be the safe operation of the vehicle. While driving, be sure to observe all traffic regulations.

Prior to the actual use of this system, learn how to use it and become thoroughly familiar with it. Read the entire manual to make sure you understand the system. Do not allow other people to use this system until they have read and understood the instructions in this manual.

For your safety, some functions may become inoperable when driving. Unavailable screen buttons are dimmed.

INTRODUCTION

WARNING

For safety, the driver should not operate the system while he/she is driving. Insufficient attention to the road and traffic may cause an accident.

SAFETY INSTRUCTION (8-inch with Navi system only)



To use this system in the safest possible manner, follow all the safety tips shown below.

This system is intended to assist in reaching the destination and, if used properly, can do so. The driver is solely responsible for the safe operation of your vehicle and the safety of your passengers.

Do not use any feature of this system to the extent it becomes a distraction and prevents safe driving. The first priority while driving should always be the safe operation of the vehicle. While driving, be sure to observe all traffic regulations.

Prior to the actual use of this system, learn how to use it and become thoroughly familiar with it. Read the entire manual to make sure you understand the system. Do not allow other people to use this system until they have read and understood the instructions in this manual.

For your safety, some functions may become inoperable when driving. Unavailable screen buttons are dimmed. Only when the vehicle is not moving, can the destination and route selection be done.

WARNING

For safety, the driver should not operate the system while he/she is driving. Insufficient attention to the road and traffic may cause an accident.

While driving, be sure to obey the traffic regulations and maintain awareness of the road conditions. If a traffic sign on the road has been changed, route guidance may not have the updated information such as the direction of a one way street.

While driving, listen to the voice instructions as much as possible and glance at the screen briefly and only when it is safe. However, do not totally rely on voice guidance. Use it just for reference. If the system cannot determine the current position correctly, there is a possibility of incorrect, late, or non-voice guidance.

The data in the system may occasionally be incomplete. Road conditions, including driving restrictions (no left turns, street closures, etc.) frequently change. Therefore, before following any instructions from the system, look to see whether the instruction can be done safely and legally.

This system cannot warn about such things as the safety of an area, condition of streets, and availability of emergency services. If unsure about the safety of an area, do not drive into it. Under no circumstances is this system a substitute for the driver's personal judgement.

Use this system only in locations where it is legal to do so. Some states/provinces may have laws prohibiting the use of video and navigation screens next to the driver.


HOW TO READ THIS MANUAL

Bluetooth® SETTINGS

REGISTERING A Bluetooth PHONE/DEVICE


Up to 5 Bluetooth phones/devices can be registered.
Bluetooth compatible phones (HFP) and devices (AVP) can be registered simultaneously.
This operation cannot be performed while driving.

1. Display the phone settings screen. (→P.47)
2. Select **Add Device** (Add Device).



• If a message appears, follow the guidance on the screen.

3. When this screen is displayed, search for the device name displayed on this screen on the screen of your Bluetooth phone/device.



- **Cancel** (Cancel): Select to cancel the registration.
- For details on operating the Bluetooth phone/device, see the manual that comes with it.

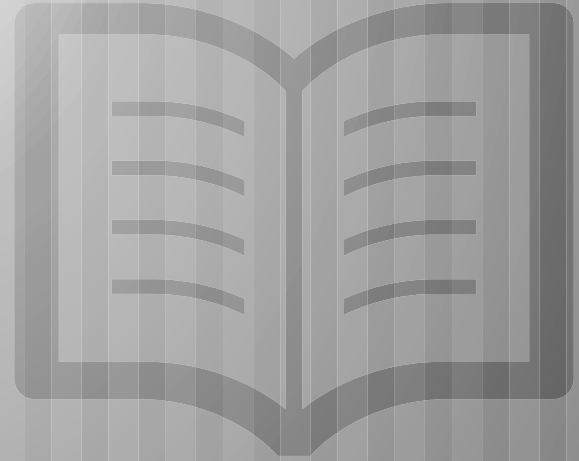
4. Register using your Bluetooth phone/device.
 - A PIN-code is not required for SSP (Secure Simple Pairing) compatible Bluetooth phones/devices. Depending on the type of Bluetooth phone/device being connected, a message confirming registration may be displayed on the Bluetooth phone's/device's screen. Respond and operate the Bluetooth phone/device according to the confirmation message.
 - 8-inch with Navi system/8-inch system only: Registration of NFC compatible devices is completed when they are held near the audio system.

No.	Name	Description
1	Operational Outlines	An outline of the operation is explained.
2	Main Operations	The steps of an operation are explained.
3	Supplemental information	Describes supplemental information relating to main operation.

- When a panel button should be selected, button names are shown as **○○○**.
- When a touch button on the screen should be selected, button names are shown as **○○○**.

1

Quick Guide



SYSTEM TYPES

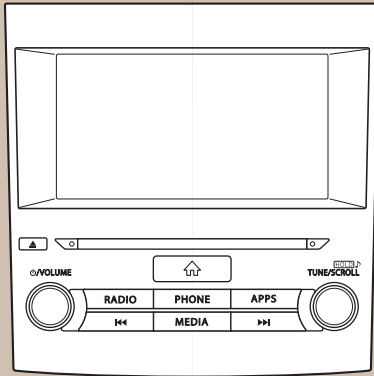
SYSTEM TYPES

This manual describes the following three operation methods.

Note that all of the descriptions in the manual are based on the 8-inch with Navigation system.

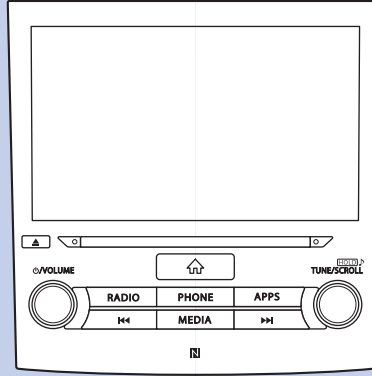
6.5-inch system

**6.5-inch touch screen
Display audio system**



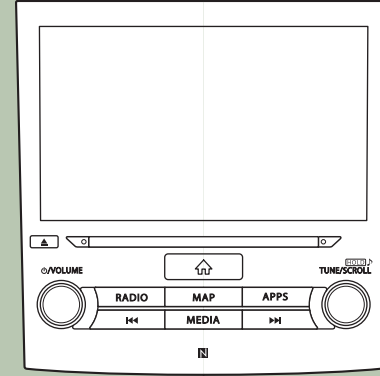
8-inch system

**8-inch touch screen
Display audio system**



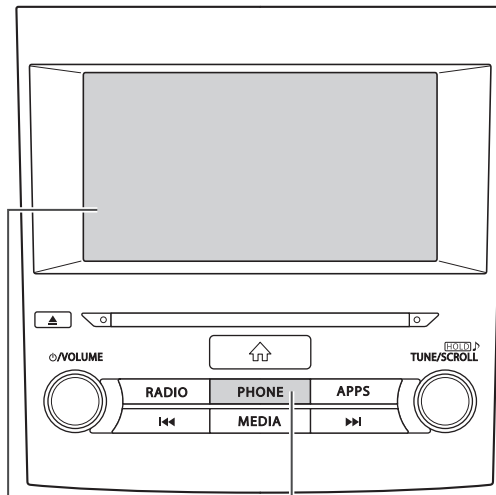
**8-inch with
Navi system**

**8-inch touch screen
Display audio with
Navigation system**



6.5-inch system

Features: - **6.5-inch touch screen**
- **PHONE button**



6.5-inch touch screen **PHONE** button

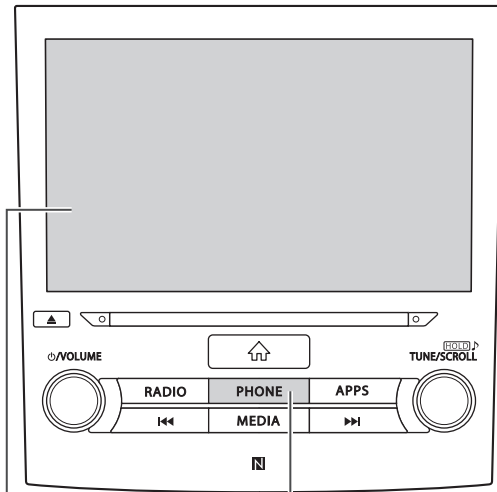
» MAIN FUNCTIONS

Function	Page
Pairing (Bluetooth 3.0)	22
Apps	28
Apple CarPlay	103
Android Auto	105
AM/FM radio	26
HD Radio receiver	120
SiriusXM® satellite radio	124
Media operation	CD:134 USB:136 iPod:138 Bluetooth audio:140 AUX:144
Phone	22
Voice recognition system	191
Steering wheel controls	32
Rear view camera	44

SYSTEM TYPES

8-inch system

- Features: - **8-inch touch screen**
 - **PHONE button**



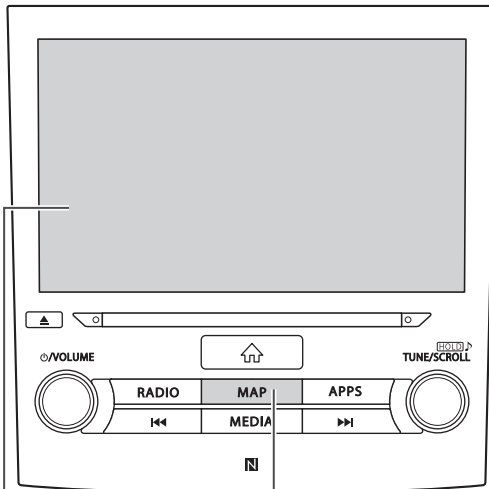
8-inch touch screen **PHONE button**

» **MAIN FUNCTIONS**

Function	Page
Pairing (Bluetooth 3.0)	22
Apps	28
Apple CarPlay	111
Android Auto	113
AM/FM radio	26
HD Radio receiver	126
SiriusXM® satellite radio	130
Media operation	CD:139 USB:141 iPod:143 Bluetooth audio:146 AUX:149
Phone	22
Voice recognition system	197
NFC	56
Steering wheel controls	32
Rear view camera	44

8-inch with Navi system

- Features: - **8-inch touch screen**
- **MAP button**



8-inch touch screen

MAP button

» MAIN FUNCTIONS

Function	Page
Pairing (Bluetooth 3.0)	22
Navigation system	24
Apps	28
Apple CarPlay	111
Android Auto	113
AM/FM radio	26
HD Radio receiver	126
SiriusXM® satellite radio	130
Media operation	CD:139 USB:141 iPod:143 Bluetooth audio:146 AUX:149
Phone	22
Voice recognition system	197
NFC	56
Steering wheel controls	32
Rear view camera	44

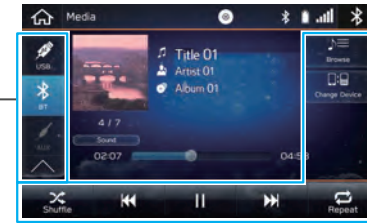
MAIN PRODUCT FEATURES

MAIN PRODUCT FEATURES

Adoption of intuitive and easy-to-use smartphone-like graphical user interface



STANDARDIZED OPERATION SCREEN LAYOUT FOR ALL FUNCTIONS

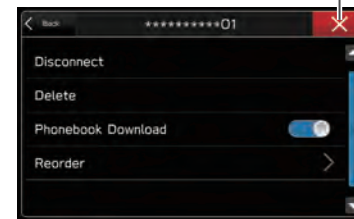


Mode switching buttons, etc. Operation buttons, etc.

Mode switching buttons on the left and operation buttons on the right and at the bottom prevents users becoming lost in operation no matter which functions are used.

USE OF POP-UP SCREENS

Close pop-up screen to return to original screen



Pop-up screens are used instead of screen switching, preventing users from losing the current screen.

Easy-to-view map screen display* P.163

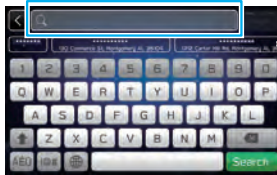
Maps appear wider by minimizing constantly displayed buttons.



Touch screen to display automatically hidden buttons.

Rough destination search function* P.173

Start a search with a variety of words such as addresses, facility names, intersection names, or latitude/longitude.



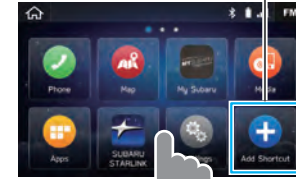
Displays search prediction

- Search results are predicted and candidates displayed even if only partial words are known
- Searches can even be performed with multiple keywords.

*: 8-inch with Navi system only

Customized home screen layout P.42

Frequently used functions and operations can be added to the home screen.



Example: For calling specific phone numbers, listening to specific radio stations, etc.

Button positions can be changed freely.

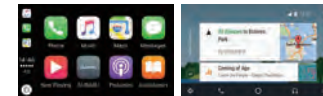
System and Bluetooth phone / device pairing P.22

Functions such as hands-free and applications can be used by connecting the system with Bluetooth phones / devices wirelessly.



Apple CarPlay / Android Auto

Support for Apple CarPlay and Android Auto allows access to functions such as maps, phone calls, and music.



P.111

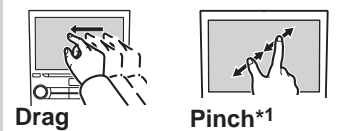
P.113

BASIC FUNCTION

OVERVIEW BUTTONS

TOUCH SCREEN

Operations are performed by touching the touch screen directly with your finger. P.36

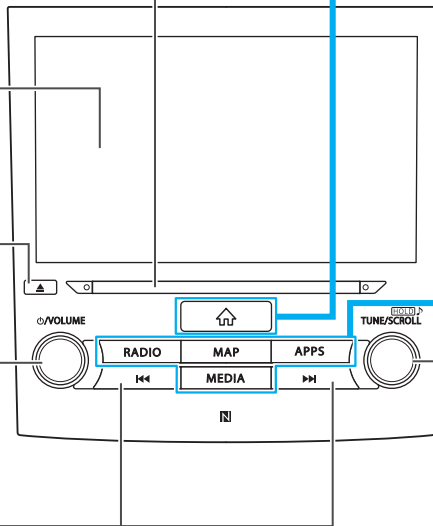


Press to eject a disc. P.35

- Turn the knob** to adjust the volume.
- Press the knob** to turn the volume mute on/off.
- Press and hold** to turn the audio system on/off.

- Press button** to seek up or down for a radio station or to access a desired track/file.
- Press and hold button** to continuously seek for a radio station, or to fast forward/rewind files or tracks.

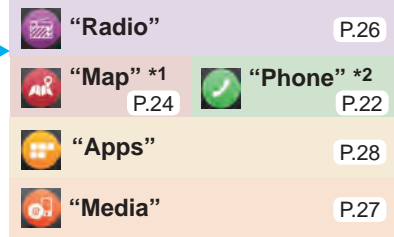
Insert a disc into this slot. The CD player turns on immediately. P.35



- Radio P.124,130
- CD P.139
- USB P.141 iPod P.143
- Bluetooth audio P.146

Displays the home screen

Shortcut to each screen



Audio operation screen:

- Turn the knob** to select a radio station or skip to the next or previous track/file.
- Press and hold the knob** to display the sound settings screen. P.71

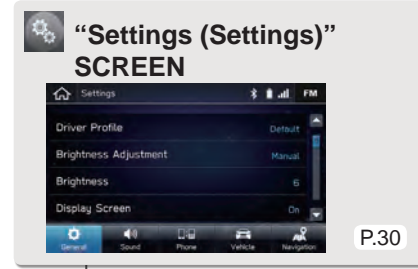
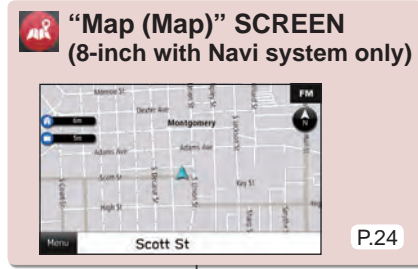
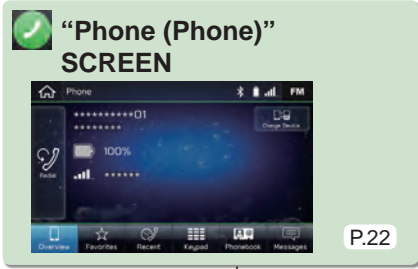
List display screen:

- Turn the knob** to move the cursor.
- Press the knob** to select the item selected with the cursor.

*1: 8-inch with Navi system only

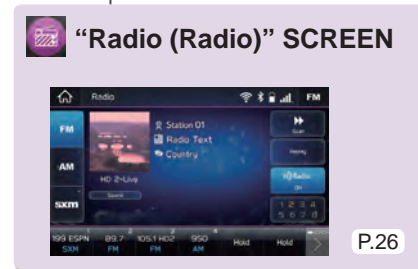
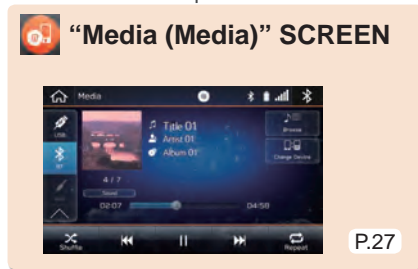
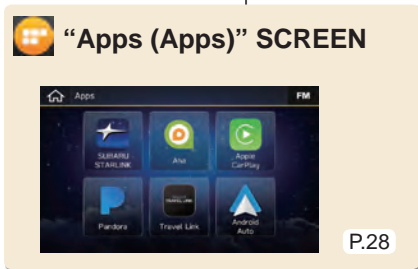
*2: 8-inch system/6.5-inch system only

HOME SCREEN



Frequently used functions and operations can be added to the home screen. P.42
Button positions can be changed freely. P.43

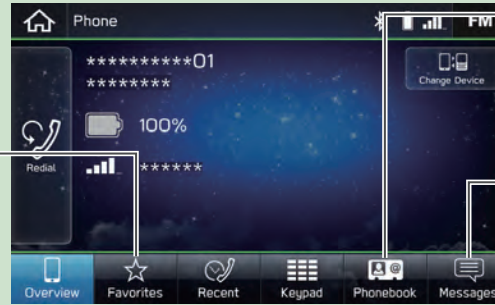
By connecting an iPhone or Android device to the USB port, a CarPlay or Android Auto icon will display on the home screen.



✔ “Phone (Phone)” SCREEN

Call or send a text message to a registered favorite
P.84,92

Call or send a text message to a recent contact P.84,92



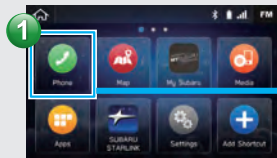
Call or send a text message to a contact in the phonebook on the Bluetooth connected phone
P.85,92

Check or reply to messages/place calls from received message list P.91,93

Directly input a number to place a call P.85

- Operation Flow: Pairing the System with a Bluetooth Phone/Device -

» Display the “Phone (Phone)” screen.



Prepare the Bluetooth phone/device to be paired.

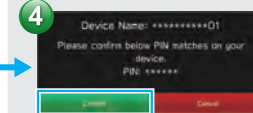
» Operate the Bluetooth phone/device.



Turn the Bluetooth phone/device Bluetooth function ON and select “Subaru BT”. Hold NFC* compatible devices near the audio system.

*: 8-inch with Navi system/8-inch system only

» Register the Bluetooth phone/device.



If unable to pair, check whether your Bluetooth phone/device is compatible with the system.