Introduction
Thank you for buying a Mitsubishi Motors product.

In order to fully utilize the functionality of this product and ensure safe and correct operation, please read this "User Manual" carefully before operation. After reading this "User Manual," ensure it is kept readily available, and refer to it again if you do not understand any points, or in the event of problems.

Although the service area is expanding, Android Auto and CarPlay services are NOT available in some markets. Please check the latest information concerning availability in your region from the below website.
- Android Auto: http://www.android.com/auto/#hit-the-road
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**Before Use**

How to read this manual:
- The example screens used in this manual may be deformed and different from those actually shown to provide clear explanations of the operations.
- This manual mainly explains operations using the buttons on the monitor panel and touch panel. For operations using the buttons on the steering wheel, see page 73.
- The following illustrations are used to explain the operations using buttons on the touch panel.
  - Selecting a button:
  - Touching and holding a button:
  - Selecting button ① first, then selecting button ②:
- < > Indicates the various screens/menus/operations/settings that are displayed on the touch panel.
- [] Indicates the buttons on the touch panel.
- On-screen language: English is initially selected for the on-screen language. You can select on-screen language using <Language Settings> on the <Settings> screen. (Page 78)

⚠️ **CAUTION on the volume setting:**
Digital devices produce very little noise compared with other sources. Lower the volume before playing the digital sources to avoid damaging the speakers by sudden increase of the output level.

**User Terms**

By using the product, the customer agrees that the customer is bound by and complies with these terms as well as any other written terms and conditions, or policy that the customer may receive or be provided with.

To the extent permitted by law, Mitsubishi Motors reserves the right to modify, revise and add to these user terms. If the customer does not agree with the modifications, revisions or additions, the customer’s sole and exclusive remedy is to not use the product. In certain jurisdictions, the limitations and exclusions contained in sections 1-3 will not apply to consumers.

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1.1 SOME JURISDICTIONS DO NOT PERMIT THE EXCLUSION OF IMPLIED WARRANTIES OR CONSUMER OR STATUTORY GUARANTEES, AND IN THOSE JURISDICTIONS THE EXCLUSIONS BELOW APPLY TO THE MAXIMUM EXTENT PERMITTED BY THE APPLICABLE LAWS OF THE JURISDICTION. THE CUSTOMER MAY HAVE OTHER RIGHTS WHICH VARY BY JURISDICTION.

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Please note that the amendments included within this document are summaries of our understanding of the key points from each local counsel in the launching countries and, as such, are not intended to constitute legal advice. It should also be noted that as the User Terms are used with consumers this means consumer laws which differ in each of the launching countries will apply which could make using the current User Terms unenforceable as it is not always possible for a supplier of goods when contracting with a consumer, to exclude statutory warranties or limit or exclude liability towards consumers.

Continued on the next page...
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Before Use

3. Indemnification
- To the maximum extent permitted by applicable law and subject to section 2 above, the customer agrees to indemnify, defend, and hold harmless Mitsubishi Motors, its subsidiaries, affiliates, employees, officers, directors and agents thereof from any claims, suits, damages, losses, costs, lawsuits, fines, penalties, liabilities, interests, additional taxes, demands, and expenses (including legal and other professional fees) arising out of or relating to: (a) the customer’s failure to comply with or breach of these terms and any other terms and conditions and policies to be provided by Mitsubishi Motors.

4. Third-Party Applications
- The product may display or make available content, data, information, services, software or materials from third-party applications which run on the customer’s device, equipment and smartphone. Mitsubishi Motors has no control over and is not responsible for examining or evaluating the security, content, accuracy, validity, legality or any other aspect of such third-party applications. Mitsubishi Motors assumes no responsibility or liability for the availability, content, security, privacy policies, practices, or performances of any such third party application.
- To the maximum extent permitted by applicable law, Mitsubishi Motors does not warrant, guarantee or endorse any third-party applications and is not liable to the customer or any other party for its use or misuse of any third-party application. The customer expressly acknowledges and agrees that the use of third-party applications is subject to the third party’s terms and conditions and policies, including its privacy policy, and such terms and conditions and policies are agreed between the customer and the third party. The customer is consequently advised to check the third parties applications’ terms and conditions and privacy policies prior to accepting them. Mitsubishi Motors is not responsible for any third-party applications and any term and conditions relating to the third-party applications. Mitsubishi Motors may change, reduce, limit, suspend, remove, modify access to or disable access to any third-party applications at any time and without notice to the customer.

5. Modifications
- Mitsubishi Motors reserves the right to improve, modify and change without liability to the customer in its sole discretion: (a) the specifications or external appearance of the product. If the customer does not agree with the improvements, modifications and changes, the customer’s sole and exclusive remedy is to not use the product.
- The customer expressly acknowledges and agrees that this User Manual is for multiple vehicle models, and there may be some functions which may be not available and workable in some vehicles models. To the maximum extent permitted by applicable law, Mitsubishi Motors will not be liable in any case whatsoever for the difference or inconsistency of functionality or performance from or with this User Manual. The customer further expressly acknowledges and agrees that images and illustrations used in this User Manual are either those used in development, or for the purpose of explanations, and these may differ from the actual images and illustrations used in the product.

6. Force Majeure
- Mitsubishi Motors will not be liable for any loss and damage due to acts, events or causes constituting force majeure, including, but not limited to, wars, riots, acts of terrorism, epidemic diseases, civil commotion, fire, earthquake, storm, flood, failure of public utilities or common carriers, labor dispute, general strikes, lock-outs, restrictions of law or regulations.
Before Use

7. Others

- Mitsubishi Motors does not have access to and does not process any personal information stored in the product. The customer expressly acknowledges and agrees that any personal information (for example, addresses, telephone numbers etc.) input into this product may be stored in the memory of the product even if the product is removed from the vehicle, and the customer is solely responsible for proper handling and management (including deleting) of such personal information to protect privacy including in the event of reselling or disposing of this product. To the maximum extent permitted by applicable law Mitsubishi Motors will not be liable in any case whatsoever for the personal information retained or stored in the product.

- In certain jurisdictions, certain features of the product may not be used while the vehicle is moving or is stationary but not parked under the road traffic laws that apply in those jurisdictions. It is the responsibility of the driver to understand and comply with the applicable road traffic laws when using the product.

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.

- Any time 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, you 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.
Before Use

Important points on usage

- During operation, ensure that the vehicle is not stationary in a garage or other confined area with poor ventilation while the engine is running. Otherwise, gas poisoning may result.
- For safety, the driver is not to operate this product while the vehicle is moving. The driver should also minimize as much as possible the time spent viewing the screen. Being distracted by the screen may result in an accident.
- Do not turn the volume up to the extent that you cannot hear sounds outside the vehicle while driving. Driving without being able to hear sounds outside the vehicle may result in an accident.
- Do not disassemble or modify the product. Doing so may lead to malfunction, smoke, or fire.
- Avoid relying on this product for guidance to emergency facilities (hospitals, fire departments, police stations, 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’s battery, meaning that the engine may not be able to start. Ensure this product is used while the engine is running.
- If you have parked the vehicle for a long time in hot or cold weather, wait until the temperature inside the vehicle has returned to normal before operating the product.
- 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.
  - Slow screen movement during cold weather.
  - The screen sometimes being dark in hot weather.
  - The picture quality, color tones, and brightness vary depending on the viewing angle.
- If you stick an commercially-available LCD protective film or the like on the screen, it may interfere with touch panel operation.
- If you operate the touch panel with a sharp object (pen tip, finger nail, etc.), the screen may be scratched and this product may be damaged, leading to incorrect operation.
- Operating the touch panel with gloves on may result in incorrect operation.
- Some operations are restricted while the vehicle is moving. The driver should refrain from operating this product while the vehicle is moving. First stop the vehicle in a safe location, then operate this product.
Before Use

Important points on safety for the customer

This product features a number of pictorial indications as well as points concerning handling to ensure 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 details regarding handling of the product that, if ignored, could be expected to result in death or serious injury.

⚠️ **CAUTION**
This indicates details regarding handling of the product that, if ignored, could be expected to result in personal injury or property loss.

⚠️ **WARNING**
- The driver should not stare at the images on the screen while driving.
  Doing so may prevent the driver paying attention to safe driving, and lead to an accident.
- The driver should not perform complicated operations while driving.
  Doing so may prevent the driver paying attention to safe driving, and lead to an accident.
  Therefore, stop the vehicle in a safe location before performing such operations.
- Do not use this product if a malfunction has occurred, 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.
  Otherwise, smoke, fire, electric shock, or malfunction may occur.
- In the event of abnormalities such as smoke or a strange smell, stop using the product immediately, and consult with your Mitsubishi Motors Dealer.
  Otherwise, an accident, fire, or electric shock may occur.

⚠️ **CAUTION**
- Do not disassemble or modify the product.
  Doing so may lead to malfunction, fire, or electric shock.
- During thunderstorms, do not touch the antenna or the front panel.
  Doing so may lead to electrical shock from lightning.

- Do not block ventilation holes or heat sinks on the product.
  Doing so may prevent heat from escaping from within the product, leading to fire or malfunction.
Basics

Turning on/off the power

The product is turned on when the power (ignition) switch is set to the ACC or ON position, and turned off when the power (ignition) switch is set to the OFF position.

Component names and functions

1. Monitor panel
2. Screen (touch panel)
3. PWR/VOL control
   - Turns off audio. Playback stops while playing the playback source. (Press) (Page 22)
   - If you press the button during “Audio Off,” audio turns on and the last selected source starts playback.
   - If you press and hold the button, the screen goes off and playback stops. (Page 22)
   - Adjust the volume. (Turn) (Page 22)
4. Home button
   - Displays the <Home> screen. (Touch) (See the rightmost column.)
5. Apps button
   - Displays the CarPlay/Android Auto screen. (Touch) (Pages 27 and 29)
6. Audio button
   - On the playback source control screen, changes the playback source in turn.
   - On the other screens, move to the current playback source control screen.
7. Menu button
   - Displays/hides the menu window available for the current source and function. (Touch) (Page 12)

Common screen operations

Touch screen operations

To perform operations on the screen, you need to touch, touch and hold, or flick to select an item, display setting menu screen or change the page, etc.

Touch
- Touch the screen gently to select an item on the screen.

Touch and hold
- Touch the screen and keep your finger in place until the display changes or message is displayed.

Flick
- Slide your finger to the left or right on the screen to change the page.

Drag
- Touch and hold the item on the screen, then move the item until the desired point is reached.
  - You cannot pinch the fingers to shrink or enlarge the image on the screen.

<Home> screen descriptions

On the <Home> screen, you can select playback sources, display setting screens, or display information.
- The source and function icons to be displayed differ among the car type.

To display the <Home> screen
- Touch the Home button on the monitor panel.
Basics

Indication and buttons on the <Home> screen

1. Page indication
   - Shows the page currently displayed.

2. Battery level and signal strength of the connected Bluetooth mobile phone
   - Appears when a Bluetooth mobile phone is connected.

3. Bluetooth indicator
   - Lights up when a Bluetooth device is connected.
   - Touching this indicator displays the <Bluetooth> setting screen. (Page 78)

4. Clock indication
   - Touching this indication displays the <Clock> setting screen. (Page 81)

5. Page scroll buttons
   - You can also change the page by flicking the screen.
   - While displaying any page other than the first page of the <Home> screen, you can display the first page by touching the Home button on the monitor panel.

Items selectable on the <Home> screen

[FM]
- Switches to the FM radio broadcast. (Page 47)

[AM]
- Switches to the AM radio broadcast. (Page 47)

[Bluetooth Audio]
- Plays tracks on a device connected via Bluetooth. (Page 69)

[Phone]
- Displays the <Phone> screen to make a call. (Page 32)

[SiriusXM]*
- Switches to the SiriusXM radio broadcast. (Page 53)

[Apps]*
- Switches to the CarPlay screen (Page 26) or Android Auto screen (Page 28).

[iPod]
- Plays tracks on iPod/iPhone. (Page 39)

[Settings]
- Displays the <Settings> screen to configure the settings. (Page 77)

[USB]
- Plays tracks on a USB device. (Page 43)

[Clock]
- Displays the clock screen. (Page 22)

[Screen Off]
- Turns off the screen. (Page 23)

[Day/Night]
- Changes the brightness of the screen and the button illumination. (Page 23)

[Vehicle Info]*
- Displays the vehicle information. (Page 82)

[Air Conditioner]*
- Displays the current operating status of air conditioner. (Page 84)

[Vehicle Setting]*
- Customizes the vehicle functions. (Page 85)

[GPS]
- Displays the GPS information. (Page 84)

[HDMI]*
- Plays content on a device connected to the HDMI input terminal. (Page 72)
Basics

*1 [SiriusXM] is displayed only for USA and Canadian models.
*2 When connecting iPhone compatible with CarPlay, [Apple CarPlay] is displayed. When connecting an Android™ phone compatible with Android Auto, [Android Auto] is displayed. These cannot be displayed at the same time.
*3 This cannot be displayed depending on the car type.
*4 [HDMI] is not displayed when the car is not equipped with the HDMI input terminal or when an HDMI device is not connected.

Customizing the <Home> screen
You can change the item order on the <Home> screen.

1 Touch and hold the item you want to move.
   • To change the page, flick the screen.

   Cursors appear around the selected item.

2 Move the item.
   Touch the cursor of the desired direction repeatedly until the item is placed in the desired position.

3 Finish the procedure.

Source control screen descriptions
You can perform source playback operations on the source control screen.
• The indicators and operation buttons displayed on the screen differ among the sources.

Indications on the source control screen

Continued on the next page...
Basics

1. Source name
2. Battery level and signal strength of the connected Bluetooth mobile phone
   - Appears when a Bluetooth mobile phone is connected.
3. Bluetooth indicator
   - Lights up when a Bluetooth device is connected.
4. Operation buttons

About the audio source status window
When you perform operations for the audio source while displaying any screen other than the audio source (such as the <Home> screen), the status window for the audio source is displayed.

- These status windows will go off automatically.

To display the menu window
You can display the menu window on the source control screen. On the menu window, you can change settings or jump to the <Settings> screen.
- The items on the menu window differ among the sources.

1. Display the menu window.
   While the source control screen is displayed, touch the Menu button on the monitor panel.

2. Select an item.
   - To hide the menu window, touch the Menu button on the monitor panel again.

List screen descriptions
While displaying a list to make a selection, you can display more items or change the page.

Indications and buttons on the list screen

1. Battery level and signal strength of the connected Bluetooth mobile phone
   - Appears when a Bluetooth mobile phone is connected.
2. Bluetooth indicator
   - Lights up when a Bluetooth device is connected.
3. [ ] button
   - Displays the previous page.
4. [ ] button
   - Scrolls up the list.
5. [ ] button
   - Scrolls down the list.
6. [ ] button
   - Displays the next page.
7. Slider
   - Scrolls the list.
   - For some lists, the initial letters of the displayed items are shown in the balloon as its category.
Basics

(Settings) screen descriptions
You can change the precise settings. (Page 77)

Indications and buttons on the (Settings) screen

1. Setting menu tabs
   Selects the setting menu category.
2. Page indication
   Shows the page currently displayed.
3. Battery level and signal strength of the connected Bluetooth mobile phone
   • Appears when a Bluetooth mobile phone is connected.
4. Bluetooth indicator
   • Lights up when a Bluetooth device is connected.
5. [<<] button
   Displays the previous setting tabs.
6. [>>] button
   Displays the next setting tabs.
7. [оказа] button
   Returns to the previous screen.
Initial Settings

Startup

When the power (or ignition) switch is set to the ACC or ON position, the product is turned on. The first time the product is turned on, the caution message screen is displayed. Perform the following procedure to start the system.

1. Set the power (or ignition) switch to the ACC or ON position.
2. Select the language used for on-screen information.
   - Select the language within 3 seconds; otherwise, the screen goes off.

3. Read the message, then touch [Agree].
   - The screen goes off automatically in 3 seconds without touching [Agree].

The <Home> screen is displayed.

Setting the clock

Set the clock time displayed on the screen.

1. Display the <Settings> screen.
   On the <Home> screen, touch [Settings].

2. Display the <Clock> settings screen (①), then select the setting method (②).
   - Touch [<<] / [>>] repeatedly to display the [Clock] setting tab. (Page 13)

   <Auto>   Synchronizes the clock time with the GPS. (Go to step 3.)
   - When the GPS signal reception is not good, it takes time to set the clock time.

   <Manual>  Set the date and clock time manually. (Go to step 4.)
   - The check mark (✓) appears in the check box of a selected item.
**Initial Settings**

**3** To set the clock automatically: Display the time zone selection screen (①), select time zone (②), then confirm the setting (③).

Then, go to step 5.

**4** To set the date/time manually: Display the manual clock setting screen (①), set the date (②) and time (③), then confirm the setting (④).

- To change the time display format, select [12H] or [24H].
- When 12 hour time display format is selected, you can change AM/PM by selecting [AM]/[PM].

**5** Select the time format and daylight saving time setting.

- To finish the procedure, touch the Home button on the monitor panel.

**6** Select the date display (①) and clock type (②), then confirm the setting (③).
Connection

**CAUTION**
Before connecting any external devices, make sure that the devices are provided with anti-virus measure.

**Wired connection**
Connect the device you want to use before using this product.
- The position and shape of connecting terminals differ depending on the car type.
- HDMI input terminals are not provided for some cars.
- Do not leave the cables in the car; otherwise, they may be deformed or damaged by the direct sunlight or high temperature.

1. **USB input terminals**
   - You can connect the following devices.
   - iPod/iPhone
   - Android™ phone
   - USB device

2. **HDMI input terminal**
   - You can connect an HDMI device.

**Connecting iPod/iPhone**
Connect iPod/iPhone to the USB input terminal using appropriate cable depending on the iPod/iPhone model.
- Use a cable certified by Apple Inc., otherwise functions may not be performed correctly.
- For playable iPod/iPhone types, see page 86.

**For Lightning connector models**
Use Lightning to USB cable (accessory of iPod/iPhone) to connect iPod/iPhone.

- iPod/iPhone (Lightning connector model)

**For 30-pin connector models**
Use a 30-pin to USB cable (accessory of iPod/iPhone) to connect iPod/iPhone.

- iPod/iPhone (30-pin connector model)
Connection

- **Connecting an Android phone**
  Connect an Android phone to the USB input terminal using a USB 2.0 cable (accessory of Android phone).

- **Connecting a USB device**
  Connect a USB mass storage class device such as a USB memory, smartphone, digital audio player, etc. to the USB input terminal.
  - Use a USB 2.0 cable (commercially available) or USB extension cable (commercially available) compatible with your USB device.
  - You cannot connect a computer or portable HDD to the USB input terminal.
  - For playable file types and notes on using USB devices, see page 87.

- **Connecting an HDMI device**
  Connect an HDMI device such as a portable media player or portable DVD player to the HDMI input terminal. (Only for the car equipped with the HDMI input terminal.)
Connection

Bluetooth connection

Information for using Bluetooth® devices

Bluetooth is a short-range wireless radio communication technology for mobile devices such as mobile phones, portable PCs, and other devices. Bluetooth devices can be connected without cables and communicate with each other.

- For notes on using Bluetooth devices, see page 86.

WARNING
While driving, do not perform complicated operations such as dialing numbers, using the address book, etc. When you perform these operations, stop your car in a safe place.

Registering a new Bluetooth device

When you connect a Bluetooth device to the product for the first time, pair this product and the device. Pairing allows Bluetooth devices to communicate with each other.

- When iPhone compatible with CarPlay is connected to the USB input terminal, it cannot be connected via Bluetooth. Use the phone and audio player function on the CarPlay screen. (Page 26)
- If you use CarPlay using iPhone connected via Bluetooth, the Bluetooth connection is canceled.
- When an Android phone compatible with Android Auto is connected to the USB input terminal, the device is connected via Bluetooth automatically, and the Bluetooth mobile phone currently connected is disconnected.
  - If the mobile phone currently connected is in use, it remains connected. The Android phone compatible with Android Auto is registered only after the call is finished on the other mobile phone.
- Once the connection is established, it is registered in this product even if you turn off the product. Up to 5 devices can be registered in total.
- To use the Bluetooth function, you need to turn on the Bluetooth function of the device.

1. Display the <Settings> screen.
   On the <Home> screen, touch [Settings].

2. Display the <Bluetooth> settings screen (①), then start registration (②).
   - Touch [<<]/[>>] repeatedly to display the [Bluetooth] setting tab. (Page 13)
   - To change the passkey (initial: “0000”), see page 19.
   - To check the device information of this product, select [Unit Details].
Connection

3 Activate the Bluetooth function on the device, then select [Next].
   • To cancel the procedure, touch [Cancel].

4 Operate the device to select “Mitsubishi Motors Bluetooth” and confirm the request.
   • If a passkey is required, enter the passkey displayed on the screen.

When the registration is complete, the <Bluetooth> settings screen is displayed.

To change the passkey for registration

1 Display the <Bluetooth> settings screen. (Page 18)
2 Display the <Unit Bluetooth Details> screen.
3 Display the <Change Passkey> screen.
4 Enter a 4 digit passkey (1), then confirm the entry (2).

• Touch [ ] to delete the last entry. If you touch and hold [ ], the entire number is erased.
Connection

Connecting/disconnecting a registered Bluetooth device

Once the devices are registered, you can disconnect the current device and connect another device from the registered devices.

To connect a Bluetooth device manually

You can connect one mobile phone and one audio device from the registered devices.

1. Display the <Bluetooth> settings screen. (Page 18)
2. Select the device usage for the target device.

• Connect as a mobile phone.
• Connect as an audio device.

The button for the connected device is highlighted.

To disconnect a Bluetooth device

1. Display the <Bluetooth> settings screen. (Page 18)
2. Select the device usage for the device you want to disconnect.

A message window is displayed. Select [Yes].
Connection

To connect a Bluetooth device automatically
When <Auto Connect> is set to [On], the
registered device last connected is automatically
connected via Bluetooth whenever it is turned
on.
• If the last connected device is not present,
another registered device is automatically
connected if present.

1 Display the <Bluetooth> settings
screen. (Page 18)
2 Display the <Auto Connect. Set.>
screen.
3 Activate the auto connection.

Legend: Deleting a registered Bluetooth
device
• If you want to register a new device after
5 devices have been registered, or if a
registered device is no longer used, delete the
registration.

1 Display the <Bluetooth> settings
screen. (Page 18)
2 Select the device to delete.
3 Delete the registration of the selected
device.

A message window is displayed. Select [Yes].

- To cancel the auto connection, select [Off].
General Operations

Adjusting the volume
You can adjust the volume for the following situations.
- While listening to a source (0 to 45, Initial: 17)
- During a call (0 to 11, Initial: 6)
- During voice guidance (0 to 11, Initial: 6)

Turning off the audio source
You can turn off the audio source.

1. Press the PWR/VOL control on the monitor panel.

To restore the audio source
Press the PWR/VOL control on the monitor panel again.

Displaying the clock screen
You can display the large clock screen.

1. Touch [Clock] on the <Home> screen.

To return to the <Home> screen
Touch the Home button on the monitor panel.

You can display the <Clock> settings screen to change the clock settings from the clock screen. Touch the time/date display area to display the <Clock> settings screen. (Pages 14)
General Operations

Turning off the screen

You can turn off the screen.


To turn on the screen

Touch the screen or the <Home> button or Apps button on the monitor panel.
- You can also turn off the screen and audio source at the same time by touching and holding the PWR/VOL control on the monitor panel.
- To restore the screen and audio source, press the PWR/VOL control.

Changing the brightness of the screen and the button illumination—day/night setting

You can change the brightness of the screen and the button illumination on the monitor panel.

1. Display the <Day/Night> settings screen. On the <Home> screen, touch [Day/Night].

2. Select the brightness setting.

<table>
<thead>
<tr>
<th>[Auto]</th>
<th>Dims the screen and button illumination when you turn on the headlights or position lamps.</th>
</tr>
</thead>
<tbody>
<tr>
<td>[Day]</td>
<td>Brightens the screen and button illumination.</td>
</tr>
<tr>
<td>[Night]</td>
<td>Dims the screen and button illumination.</td>
</tr>
</tbody>
</table>

Displaying the picture from the connected camera

The around view or rear view screen from the connected camera is displayed when you shift the gear to the reverse (R) position.
- Multi around monitor view can be displayed when you press the Camera button on the steering.
- For details about viewing the screen from the connected camera, refer to the owner’s manual supplied with your car.
General Operations

Using voice control

You can use 4 types of the voice recognition function—voice recognition of this product, Bluetooth interfaced voice recognition, CarPlay, and Android Auto.
- For CarPlay, see page 27, and for Android Auto, see page 29.
- For changing the settings for voice control, see page 79.

Using the voice (control) recognition of this product

1. Press the button on the steering wheel. (Page 73)

   - To not display this screen from the next time on, touch the check box of Do not show this screen again so that the check mark (✔) appears.
   - Once this is checked, pressing displays the screen in step 2 from the next time on.

2. Press the button again on the steering wheel.

   The <Voice Control> screen for this product appears.

3. Speak a voice command through the microphone built in the car.

   - For the available voice commands on this product, see page 88.

   About <Voice Control> screen for this product

   1. Voice recognition status indicator
      - You can speak voice commands only when the indicator is highlighted.
   2. Instruction message
      - Follow the message displayed.
   3. [End] button
      - Touch or say "End" to exit the <Voice Control> screen.
   4. Voice command list
      - Say a command from the list.
        - You can also perform an operation by touching a voice command on the list.
        - Unavailable commands are grayed out.
        - To change the page, say "Prev. Page" or "Next Page."
        - To return to previous screen, say "Back."
        - If you need help, say "Help" to activate voice guidance.
   5. Current page/total pages of the voice command list
      - When voice tags are registered for the contacts registered in the <Favorites> screen, you can call a contact by speaking the voice tag after activating voice control. (Page 36)

To finish using voice control (recognition), press and hold button on the steering wheel or touch [End].
General Operations

Using the Bluetooth interfaced voice recognition (control)
You can use this function only when the Bluetooth phone featured with voice recognition is connected in hands-free mode.

1. Press the button on the steering wheel. (Page 73)

- To not display this screen from the next time on, touch the check box of <Do not show this screen again.> so that the check mark (✓) appears. Once this is checked, pressing displays the screen in step 2 from the next time on.

2. Press and hold the button on the steering wheel.
   - By touching [Start] on the screen, you can also activate voice control (recognition).

3. Speak to the connected Bluetooth device through the microphone built in the car.
   - Voice control (recognition) may not work when the Bluetooth connection is not good.

To finish using voice control (recognition), press and hold button on the steering wheel or touch [End].
Using Apps of iPhone—Apple CarPlay

About CarPlay

Although the service area is expanding, CarPlay service is NOT available in some markets. Please check the latest information concerning availability in your region from the below website.

Compatible iPhone devices
You can use CarPlay with the following iPhone models of iOS 8 or later.
- iPhone 5
- iPhone 5c
- iPhone 5s
- iPhone 6
- iPhone 6 Plus
- iPhone 6s
- iPhone 6s Plus

Connecting iPhone compatible with CarPlay
Connect iPhone compatible with CarPlay to the USB input terminal using Lightning to USB cable (accessory of iPhone).
- Use a cable certified by Apple Inc., otherwise functions may not be performed correctly.

Starting CarPlay
Select [Apple CarPlay] on the <Home> screen to display the CarPlay screen and enable use of the Apps of the connected iPhone.
- [Apple CarPlay] is displayed only when a compatible iPhone is connected.

Preparation: Unlock your iPhone beforehand.


The home screen of CarPlay is displayed.

- Bluetooth connection is canceled when the iPhone is connected to the USB input terminal. Use the phone and audio player function on the CarPlay screen.
- If two devices compatible either with CarPlay or Android Auto are connected, the first detected device can be used for CarPlay or Android Auto.
Apps

Operation buttons on the home screen of CarPlay
You can use the Apps of the connected iPhone.

The items displayed and the language used on the screen differ among the connected devices.

1. App/information button
   Starts the App or displays the information.

2. [Home] button
   - Displays the home screen of CarPlay.
   - Activates Siri. (Touch) (Hold) (See the right column.)

3. [Main Menu] button
   Exits the CarPlay screen and displays the <Home> screen.

Using the voice control (recognition) of CarPlay (Siri)
You can activate Siri while the CarPlay screen is displayed.

1. Touch and hold [Home] (Home) to activate Siri.
   - To deactivate Siri, touch [Home].

2. Talk to Siri through the microphone built in the car.
   To operate using the buttons on the steering wheel, press and hold the button. (Page 73)
   - To deactivate Siri, press the button on the steering wheel.

Switching to the CarPlay screen while displaying another screen
You can switch to the CarPlay screen while listening to another source or displaying another screen.

1. Touch the Apps button to activate CarPlay.
   To exit the CarPlay screen
   Touch the Home button on the monitor panel.
**Apps**

**Using the Apps of an Android phone—Android Auto™**

- **About Android Auto**
  - For details about Android Auto, visit <https://www.android.com/auto/> or <https://support.google.com/androidauto>.
  - For available Android Auto Apps, visit <http://g.co/androidauto>.

    Although the service area is expanding, Android Auto service is NOT available in some markets. Please check the latest information concerning availability in your region from the below website.
    http://www.android.com/auto/#hit-the-road

**Compatible Android phones**
You can use Android Auto with Android phones compatible with Android Auto of Android 5.0 (Lollipop) or later.

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**Connecting an Android phone compatible with Android Auto**
Connect an Android phone compatible with Android Auto to the USB input terminal using a USB 2.0 cable (accessory of Android phone).
- If Android Auto and Apps are not ready, install Android Auto and Apps beforehand.

**Starting Android Auto**
Select [Android Auto] on the <Home> screen to display the Android Auto screen and enable use of the Apps of the connected Android phone.

- [Android Auto] is displayed only when a compatible Android phone is connected.

**Preparation:**
- When an Android phone compatible with Android Auto is connected to the USB input terminal, the device is connected via Bluetooth automatically.
- When using the Android phone for the first time, agree to use Android Auto on this product.

**1.** Touch [Android Auto] on the <Home> screen.

The Android Auto screen is displayed.

- If two devices compatible either with Android Auto or CarPlay are connected, the first detected device can be used for Android Auto or CarPlay.
**Apps**

- **Operation buttons on the Android Auto screen**
  You can perform the operations of the Apps of the connected Android phone.
  - The items displayed on the screen differ among the connected Android phones.

- **Using voice control (recognition) of the Android Auto**
  You can activate the voice control (recognition) of the Android phone as follows.

1. Touch [マイク] to activate voice control (recognition).
2. Talk to the Android phone through the microphone built in the car.
   - To deactivate voice control (recognition), touch [マイク].

**To operate using the buttons on the steering wheel,** press and hold the [Apps] button. (Page 73)
- To deactivate voice control (recognition), press and hold the [Apps] button on the steering wheel.

- **Switching to the Android Auto screen while displaying another screen**
  You can switch to the Android Auto screen while listening to another source or displaying another screen.
  - The screen cannot be switched when the around view or rear view is shown with the gear shifted to the reverse (R) position.

1. Touch the Apps button to activate Android Auto.

**To exit the Android Auto screen**
Touch the Home button on the monitor panel.
Phone—Hands-free

Preparation:
Connect a mobile phone compatible with Phone Book Access Profile (PBAP) or Object Push Profile (OPP) via Bluetooth. (Page 18)
• To check whether your mobile phone is compatible with PBAP/OPP, consult with the product information provided by the dealer or the manufacturer.

About mobile phones compatible with Phone Book Access Profile (PBAP)
If your mobile phone supports PBAP, phone book and call histories stored on the mobile phone are automatically transferred to the product when the mobile phone is paired anew.
• Phone book: up to 1000 entries
• History (dialed calls, received calls, and missed calls): up to 20 entries in total

Receiving a call
When a call comes in, the incoming call screen is displayed.
• You can select the incoming call screen size on the <Phone Function> settings screen. (Page 38)

To receive a call
Touch [Answer].

• Incoming screen is shrunk when <Incoming Screen Size> is set to [Small Screen] (Page 38).
• When <Auto Answer> is set to [On] (Page 38), the product answers incoming calls automatically.
• To adjust the volume, touch [+]/[−].
• Call information is displayed if acquired.
• The screen cannot be switched when the around view or rear view is shown with the gear shifted to the reverse (R) position.
• Use the buttons on the steering wheel to answer/end a call. (Page 73)

To reject a call
Touch [Decline].
Phone—Hands-free

Phone operations while talking
While talking, available operation buttons are displayed. You can make adjustments to the mobile phone on the talking screen.

Ending a call
Select [End] on the talking screen to end the call.

Adjusting the volume during a call
You can adjust the volume level between 0 to 11 (initial: 6).

• You can also adjust the volume by turning the PWR/VOL control on the monitor panel.

Muting the microphone volume
You can turn off the microphone temporarily.

• While muting, the [Mute] button is highlighted.

To restore the microphone volume: Touch [Mute] again.

Turning off the hands-free mode
You can turn off the hands-free mode and talk on the phone directly during a call.

• When the hands-free mode is off, any buttons other than [End], [Small Screen], and [Hands-free OFF] are disabled on the screen.

Entering numbers during a call
You can enter numbers when required during a call using the DTMF (Dual Tone Multi Frequency) function.

1 Display the keypad.

2 Enter numbers.

• To return to the talking screen, touch [ ].
Phone—Hands-free

Shrinking/enlarging the talking screen during a call
You can shrink or enlarge the talking screen during a call so that you can see the current source screen, or fully display the talking screen to make adjustments.
- When <Incoming Screen Size> is set to [Small Screen], the talking screen is also shrunk. (Page 38)

To shrink the talking screen, touch [Small Screen].

To enlarge the talking screen, touch [Full Screen].

- You can also hide the talking screen by touching the [ ] tab on the shrunk screen. To restore, touch the [ ] tab.

Making a call

Displaying the <Phone> screen
Select [Phone] on the <Home> screen to display the <Phone> screen and select a method to make a call from direct number entry, address book, history, or favorites list.
- When <Phone Function Lock> is set to [On], a password is required. (Page 37)
  To unlock the security, enter the password, then select [Enter].

1 Touch [Phone] on the <Home> screen.

- If no mobile phone is connected via Bluetooth, a message window is displayed.
  - Select [Pair Device] to register a new device.
  - Select [Select Device] to connect a registered device.
  - Select [Cancel] to cancel connection.

1 Enters the phone number directly. (Page 33)
2 Makes a call.
3 Displays the address book. (Page 33)
4 Displays the call history. (Page 34)
5 Displays the favorites lists. (Page 34)
6 Displays <Bluetooth> settings screen. (Page 18)
Phone—Hands-free

Making a call by direct number entry
You can enter the phone number on the <Phone> screen to make a call.

1 Display the <Phone> screen. (Page 32)
2 Enter the phone number (①), then make a call (②).
   • Touch [ ] to delete the last entry. If you touch and hold [ ], the entire number is erased.

Selecting the phone number from the address book
You can select the contact from the phone book of the connected mobile phone.
   • To customize the address book of this product, see page 35.

1 Display the <Phone> screen. (Page 32)
2 Display the <Address Book List> screen.
   • When an update of the address book is required, see page 35.
3 Select the contact from the address book.
   • To search for the contact by initial, select [Alphabet Search] to display the keypad, then select the initial.
     – If the initial of the contact is not a letter or number, select [#$%].
     – To close the keypad screen, touch [ ].
4 Select the phone number (①), then make a call (②).
Phone—Hands-free

Selecting the phone number from the call history
You can select the contact from missed calls, received calls, and dialed calls stored on the connected mobile phone.

1 Display the <Phone> screen. (Page 32)
2 Display the <Recent Calls> screen.
3 Select the phone number (①), then make a call (②).
   • The call history types are indicated by the icons shown at the right of the phone number (⑬: missed calls/⑭: received calls/⑮: dialed calls).

Selecting the phone number from the favorites list
You can register a contact from the address book as a favorite to make access to the frequently used phone numbers easier.
   • To customize the favorites list, see page 35.

1 Display the <Phone> screen. (Page 32)
2 Display the <Favorites> screen.
3 Select the contact from the favorites list.
4 Select the phone number (①), then make a call (②).
   • When a voice tag is registered, "⑭" appears besides the contact on the <Favorites> screen.
Phone—Hands-free

Customizing the address book/favorites list

Transferring the phone book
You can transfer items from the mobile phone to the address book of the product.

1 Display the <Address Book List> screen. (Page 33)
2 Display the transfer method selection window.

3 Select the transfer method from the mobile phone.
   - [All] Transfers all items registered in the phone book of the mobile phone.
   - [Individual] Selects items to transfer by operating the mobile phone.

   • To cancel the transfer, select [Cancel].

When the [All] transfer is completed, “Address book update complete.” is displayed.
• For some mobile phones, all items may not be transferred.
• For some mobile phones, you may need to operate the mobile phone to start transfer of the phone book.

Registering items to the favorites list
You can register up to 20 items from the address book to the favorites list.

• When the mobile phone is unregistered, the items on the favorites list are also cleared.

1 Display the <Favorites> screen. (Page 34)
2 Display the <Register to Favorites> screen.
3 Select the items to register from the address book (1), then register the selected items (2).
   • The check mark (✓) appears in the check box of a selected item.

A message window is displayed. Select [Yes].
• To search for the contact by initial, select [Alphabet Search] to display the keypad, then select the initial.
  – If the initial of the contact is not a letter or number, select [#$%].
  – To close the keypad screen, touch [X].
Deleting items from the address book/favorites list
You can delete all items at once, or delete individual items from the address book/favorites list.
- Even if you delete items on the product, they are not deleted on the mobile phone.
1 Display the <Address Book List> (Page 33) or <Favorites> (Page 34) screen.
2 Display the delete screen.
3 Select items (1), then delete them (2).
   - The check mark (✓) appears in the check box of a selected item.

Registering voice tags for contacts in the favorites list
You can register voice tags for the contacts registered in the favorites list to make calling easier using voice control.
- You can call a contact by speaking the voice tag after activating voice control. (Page 24)
1 Select the contact from the favorites list. (Page 34)
2 Display the voice tag recording screen.
3 Record the voice tag.
   - REC lights up on the screen while recording.
   - To stop recording, touch [●Record].
   - To listen to the recorded voice tag, touch [▶Play].
   - To stop playback, touch [●Stop].
   - To delete the voice tag, touch [Delete].
   - When a voice tag is registered, “✓” appears besides the contact on the <Favorites> screen.
Phone—Hands-free

Settings for mobile phone usage

Activating the mobile phone security—Phone Function Lock

You can lock some functions of the mobile phone. When activating the mobile phone security, you are required to enter a password to make calls and view the address book and history.

• You can set <Phone Function Lock> for each registered mobile phone.
• No password is set initially at the factory. Once you have registered your password, note it somewhere.

1 Display the <Phone Function> settings screen.
   • To display from the menu window, see page 38.
   • To display from the <Settings> screen, see page 77.

2 Activate the mobile phone security. The password setting screen is displayed.

3 Enter a 4 digit password (1), then confirm the entry (2).

• Touch [X] to delete the last entry. If you touch and hold [X], the entire number is erased.
• Touch [What is Phone Function Lock?] to know about the <Phone Function Lock>.
  – To close the message window, select [Cancel].

4 Repeat step 3 to enter the password again for confirmation.

To deactivate the mobile phone security
Select [Off] for <Phone Function Lock>.
• The registered password is required. Enter the password, then select [Set] to deactivate.
Phone—Hands-free

Displaying the settings menu from the menu window
You can change the settings for using a mobile phone from the menu window.

1. Display the menu window.
   While the <Phone> screen is displayed, touch the Menu button on the monitor panel.

2. Select the setting menu.

Settings on the <Phone Function> settings screen
You can change the settings for using a mobile phone.

1. Display the <Phone Function> settings screen.
   - To display from the menu window, see the left column.
   - To display from the <Settings> screen, see page 77.

2. Change the settings.

| Device Select | Displays the <Bluetooth> settings screen to select another mobile phone. (Page 20) |
| Phone Settings | Displays the <Phone Function> settings screen to change the settings for using a mobile phone. (See below.) |
| Sound Settings | Displays the <Sound> settings screen to adjust the sound. (Page 74) |

The selected settings screen is displayed.

<Phone Volume> Adjusts the volume level during a call.
<Auto Answer> Activates/deactivates auto answer.
   - Off: The product does not answer calls automatically. Answer the calls manually.
   - On: The product answers incoming calls automatically after 5 seconds.

<Incoming Screen Size> Selects the incoming call screen size.
   - Full Screen: Displays the incoming call screen at full size.
   - Small Screen: Displays the incoming call screen at the smaller size.

<Phone Function Lock> Activates/deactivates the mobile phone security. (Page 37)
**Playbacks operations**

**Preparation:**
Connect iPod/iPhone to this product via the USB input terminal. (Page 16)
- For playable iPod/iPhone types, see page 86.

**Playing tracks on iPod/iPhone**
Select [iPod] on the <Home> screen to display the <iPod> source control screen and start playback.
- iPhone is connected for CarPlay, the CarPlay screen appears. (Page 27)
- You cannot play video on the product.

1 Touch [iPod] on the <Home> screen.

**Indications and buttons on the source control screen**
You can perform operations to play tracks contained in the connected iPod/iPhone.

<table>
<thead>
<tr>
<th>Number</th>
<th>Indication</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Repeat mode indicator (Page 40)</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Track number/total track number in the current category</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Touching the number displays the track list of the current category.</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Shuffle mode indicator (Page 40)</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Artwork (shown if the track contains artwork)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Touching the information area displays detailed information of the current track.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>To return to the source control screen, touch [↩].</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Track information</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Touching the information area displays detailed information of the current track.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>To return to the source control screen, touch [↩].</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Progress bar and playing time/total playing time</td>
<td></td>
</tr>
<tr>
<td></td>
<td>By dragging the position indicator (●) on the bar, you can change the playback position.</td>
<td></td>
</tr>
</tbody>
</table>

**Operation buttons**

<table>
<thead>
<tr>
<th>Button</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>[●]</td>
<td>Displays the information of the current track.</td>
</tr>
<tr>
<td>[◂◂][◂◂]</td>
<td>Selects a track. (Touch)</td>
</tr>
<tr>
<td></td>
<td>Rewinds/fast-forwards. (Hold)</td>
</tr>
<tr>
<td>[■■■]</td>
<td>Pauses playback.</td>
</tr>
<tr>
<td>[▶]</td>
<td>Starts playback.</td>
</tr>
<tr>
<td>[ ]]</td>
<td>Displays the track/category list.</td>
</tr>
</tbody>
</table>

* During playback, [■■■] is displayed, and when playback is paused, [▶] is displayed.

**Selecting a track from the track/category list**
You can select a track from the track/category list.
- You can also select a track from the track list of the current category by touching the track number/total track number on the <iPod> source control screen.

1 Display the track/category list.
iPod/iPhone

2 Select a category.

Select a desired item.
Select an item in each layer until you reach
and select the desired track.

• To select another category, touch [←] repeatedly until the <iPod Category> screen is displayed.
• To search for the track name by initial, select [Alphabet Search] to display the keypad, then select the initial.
  – If the initial of the track is not a letter or number, select [#$%].
  – To close the keypad screen, touch [×].
• To return to the current track playback screen, select [Current Track].

Selecting the playback mode
You can select the repeat mode and shuffle mode.

1 Display the menu window.
While the <iPod> source control screen is displayed, touch the Menu button on the monitor panel.

2 Select a playback mode.

<table>
<thead>
<tr>
<th>Repeat Song</th>
<th>Repeat Category</th>
<th>Repeat Off</th>
<th>Shuffle</th>
<th>Shuffle Off</th>
</tr>
</thead>
<tbody>
<tr>
<td>Repeats the current track.</td>
<td>Repeats all tracks in the current category.</td>
<td>Deactivates the repeat mode.</td>
<td>Shuffles all tracks.</td>
<td>Deactivates the shuffle mode.</td>
</tr>
</tbody>
</table>

• You can also select the playback mode by touching the repeat mode or shuffle mode indicator on the <iPod> source control screen.
iPod/iPhone.

**Settings for iPod/iPhone playback**

You can change the settings for playing iPod/iPhone from the menu window.

Switching to another iPod/iPhone

When two iPod/iPhone devices are connected to the USB input terminals, you can switch iPod/iPhone to play.

- If iPhone compatible with CarPlay is connected, you cannot switch to it.

1. Display the menu window.
   While the <iPod> source control screen is displayed, touch the \( \text{Menu} \) button on the monitor panel.

2. Select [Switch iPod].
   - Each time you touch [Switch iPod], the iPhone/iPod changes alternately.

Displaying/hiding the album artwork

You can display/hide the album artwork if the file has tag data that includes the album artwork.

1. Display the menu window.
   While the <iPod> source control screen is displayed, touch the \( \text{Menu} \) button on the monitor panel.

2. Display the <iPod> settings screen.

3. Change the settings.

   - [Off] Hides the artwork.
   - [On] Displays the artwork.
iPod/iPhone.

Setting the speed of audiobook
You can change the speed of audiobook playback.

1 Display the menu window.
   While the <iPod> source control screen is displayed, touch the Menu button on the monitor panel.

2 Display the <iPod> settings screen.

3 Change the settings.
   - [Slower] Reads the contents slowly.
   - [Normal] Reads the contents at normal speed.
   - [Faster] Reads the contents faster.

Adjusting the sound during playback
You can adjust the sound for playing iPod/iPhone.

1 Display the menu window.
   While the <iPod> source control screen is displayed, touch the Menu button on the monitor panel.

2 Display the <Sound> settings screen.

3 Make adjustment on the <Sound> settings screen. (Page 74)
USB

Playback operations

Preparation:
• Connect a USB device to the product via the USB input terminal. (Page 17)
• For playable file types and notes on using USB devices, see page 87.

Playing tracks on a USB device
Select [USB] on the <Home> screen to display the <USB> source control screen and start playback.

1 Touch [USB] on the <Home> screen:

Indications and buttons on the source control screen
You can perform operations to play tracks contained in the connected USB device.

1 Repeat mode indicator (Page 44)
2 Track number/Total track number in the current folder
   • Touching the number displays the track list of the current folder.
3 Shuffle mode indicator (Page 44)
4 Album artwork (shown while playing if the file has tag data that includes the album artwork)
   • Touching artwork area displays detailed information of the current track. To return to the source control screen, touch [ ].
   • To hide/display the album artwork, see page 46.
5 Current folder
   • Touching [ ] skips to a track in the previous/next folder.
6 Track information
   • Touching the information area displays detailed information of the current track. To return to the source control screen, touch [ ].
7 Progress bar and playing time/total playing time
   • By dragging the position indicator ( ) on the bar, you can change the playback position.

Operation buttons

[ ] Displays the information of the current track.
[ ] • Selects a track. (Touch)
   • Rewinds/fast-forwards. (Hold)
[ ]* Pauses playback.
[ ]* Starts playback.
[ ] Displays the track/folder list.
* During playback, [ ] is displayed, and when playback is paused, [ ] is displayed.

Selecting a track from the track/folder list
You can select a track from the track/folder list.
• You can also select a track from the track list of the current folder by touching the track number/total track number on the <USB> source control screen. (See above.)
USB

1 Display the track/folder list.

- The speaker mark (\(\bullet\)) appears beside the track currently played back.
- To return to the higher folder, select [Higher Folder].
- To return to the root folder, select [TOP Folder].
- To return to the current track playback screen, select [Current Track].

2 Select a folder.

- The list previously displayed is shown.
- The speaker mark (\(\bullet\)) appears beside the folder which contains the track currently played back.
- To return to the current track playback screen, select [Current Track].

3 Select a desired item.
Select an item in each layer until you reach and select the desired track.

- The speaker mark (\(\bullet\)) appears beside the track currently played back.
- To return to the higher folder, select [Higher Folder].
- To return to the root folder, select [TOP Folder].
- To return to the current track playback screen, select [Current Track].

Selecting the playback mode
You can select the repeat mode and shuffle mode.
- You cannot activate both the repeat mode and shuffle mode at the same time.
- You can play up to 65535 tracks in shuffle mode.

1 Display the menu window.
While the <USB> source control screen is displayed, touch the Menu button on the monitor panel.

- You can also select the playback mode by touching the repeat mode or shuffle mode indicator on the <USB> source control screen.

2 Select a playback mode.

- Repeats the current track.
- Repeats all tracks in the current folder.
- Repeats all tracks in the USB device.
- Shuffles all tracks.
- Deactivates the shuffle mode.
Playing the beginning of a track—track scan
You can listen to the first 10 seconds of each track by scanning the tracks.

1 Display the menu window.
   While the <USB> source control screen is displayed, touch the Menu button on the monitor panel.

2 Start the track scan.
   • To scan all the tracks in the current folder, select [Scan Folder].
   • To scan all tracks in the USB device, select [Scan].

3 Stop scanning to listen to the detected track.

Settings for USB playback
You can change the settings for playing USB devices from the menu window.

Switching to another USB device
When two USB devices are connected to the USB input terminals, you can switch the USB device to play.

1 Display the menu window.
   While the <USB> source control screen is displayed, touch the Menu button on the monitor panel.

2 Select [Switch USB].
   • Each time you touch [Switch USB], the USB devices change alternately.
USB

Displaying/hiding the album artwork
You can display/hide the album artwork if the file has tag data that includes the album artwork.

1 Display the menu window.
While the <USB> source control screen is displayed, touch the Menu button on the monitor panel.

2 Display the <USB> settings screen.

3 Change the settings.
[Off] Hides the album artwork.
[On] Displays the album artwork.

Adjusting the sound during playback
You can adjust the sound for playing USB devices.

1 Display the menu window.
While the <USB> source control screen is displayed, touch the Menu button on the monitor panel.

2 Display the <Sound> settings screen.

3 Make adjustment on the <Sound> settings screen. (Page 74)
**Tuner—FM/AM/HD Radio™**

You can tune in to both conventional radio station and HD Radio stations.
- In Canada, HD Radio is not available. You can only enjoy the conventional analog broadcast.

**About FM/AM radio**

- **Selecting FM/AM**
  Select [FM] or [AM] on the <Home> screen to display the <FM> or <AM> source control screen and tune in to a station.


**Indications and buttons on the source control screen**

You can perform operations to listen to a desired station.

**FM (analog stations)**

![FM screenshot](image1)

- 1. 87.9 MHz
- 2. Station Name* Song Title
- 3. (Switch tab)
- 4. Program information*
  - Touching the information area displays detailed information sent by the current station.
  - To close the information screen, touch [X].
- 5. Preset list (Page 50)

* Displayed when the FM station sends the related signals. No information is displayed for AM stations.

**Operation buttons**

- [<>/] Changes the frequency step by step. (Page 49)
- [<<]/[>>] Searches for a station. (Page 49)
- [Tune] Enables direct entry of station frequency. (Page 49)
- [Station] Displays the station list. (Page 50)

**AM (analog stations)**

![AM screenshot](image2)

**Tuner reception information for analog stations:**

1. Station frequency currently tuned in
2. Station name*
3. Preset list switch tab (only for FM)
   - Selects one of the preset lists where 6 stations are registered.

**About HD Radio™ Technology**

- **Digital Sound**
- **Program Info**
- **Artist Experience**
Tuner—FM/AM/HD Radio™

**HD2/HD3**
- Adjacent to traditional main stations are HD2/HD3 Channels, providing new original formats on the FM dial.

**Digital Sound**
- HD Radio broadcasts deliver crystal-clear, CD-like digital audio quality to consumers.

**Program Info**
- Provides song name, artist, station ID, and other relevant data to enrich the listening experience.

**Artist Experience**
Artist Experience is the synchronous transmission, delivery, and display of images on the HD Radio receiver that are related to the specific audio segment.

- HD Radio is available in USA and Mexico. To find HD Radio stations in your area, visit <http://www.hdradio.com>.

**FM (HD Radio stations)**

![Image of FM HD Radio stations]

- Message area
- Live indicator
- When receiving a live broadcast like a baseball game, the indicator lights up. Reception mode for HD Radio is automatically switched to analog reception. (Page 51)
- Sub-channel indicator
- Lights up when the received station sends sub-channel (HD2 – HD8) signals as well as main channel signals (HD1). The currently tuned channel lights up in orange.
- HD Radio indicator
- Lights up in orange while receiving the digital signals of HD Radio station.
- Lights up in gray while receiving the analog signals of HD Radio station.
- Not displayed while receiving the signals of conventional radio stations.

**AM (HD Radio stations)**

![Image of AM HD Radio stations]

- Station frequency currently tuned in
- Station name
- Preset list switch tab
- Selects one of the preset lists where 6 stations are stored.
- Program information
- Touching the information area displays detailed information sent by the current station. (Related picture or station logo is also displayed if the related signals are sent.)
- To close the information screen, touch ![Cancel].
- Preset list
- Includes 6 preset stations. You can store either main channel or sub-channel. (Page 50)

**Operation buttons**

- **[HD Radio]** Selects the HD Radio reception mode. (Page 51)
- **[<] /[>]** Changes the frequency step by step. (Page 49)
- **[<<]/[>>]** Searches for a station. (Page 49)
- **[Tune]** Enables direct entry of station frequency. (Page 49)
- **[Station]** Displays the station list. (Page 50)
Tuner—FM/AM/HD Radio™

Tuning in to a station

Searching for a station
You can search for a station manually or automatically on the <FM> or <AM> source control screen.

To search for a station automatically
Touch [I<<]/[>>] until the station (main channel and sub-channel for HD Radio) search starts. When a station of sufficient signal strength is found, the search stops automatically.
• Touching and holding [I<<]/[>>] changes the frequencies continuously. When you release the button, search starts.
• To stop searching, touch [I<<]/[>>].

To tune in to a station manually
Touch [<]/[>] repeatedly. Each time you touch the button, the frequencies change step by step.
• Touching and holding [<]/[>] changes the frequencies continuously.
• For HD Radio: If the tuned HD Radio station offers sub-channel programs, touching the button will select each channel in turn, then move to another station.

To select sub-channels directly
You can select sub-channel (and main channel) directly by touching the sub-channel indicator on the source control screen.

To enter the station frequency directly
If you know the station frequency, you can enter it directly to tune in to the station.

1 Display the <Direct Tune Entry> screen.

2 Enter the station frequency.

• Touch [×] to delete the incorrect entry. Each time you touch the button, the last entered number is deleted.
Tuner—FM/AM/HD Radio™

Selecting a station from the list
You can easily find a station on the station list which shows only the available stations.
- Only for HD Radio FM stations: You can list up the programs being broadcast by selecting category.

1. Display the <Station List> screen.

2. Select a station from the list.
   - To update the station list, select [Update].
     - Only for AM: A message window is displayed. To cancel the update, touch [Cancel] on the message window.

To search for a station by category—Category Filter (only for FM HD Radio FM stations)

1. Display the <Station List> screen. (See the left column.)
2. Display the <Category Filter> screen (category list).
   - To deactivate Category Filter, select [Filter Off]. You can select a station from all received stations.
3. Select a category.
   - The available stations for the selected category are listed. The currently selected category is highlighted.
4. Select a station from the list. (See the left column.)

Presetting stations

Storing stations in memory
You can preset 6 stations for AM and 12 stations for FM (6 stations for each preset list).
- For HD Radio stations: You can store either main channel (HD1) or sub-channel (HD2 – HD8).
1. Tune in to a station you want to preset. (Page 49)
2. Select a preset list (for FM only) (1), then touch and hold a preset button to store (2).
   - The station selected in step 1 is stored. If another station has been preset in the button, it will be replaced.
3. Repeat steps 1 and 2 to preset other stations.
Tuner—FM/AM/HD Radio™

Selecting a preset station
You can select your favorite station easily from the preset list. Select a preset list (for FM only) (1), then a preset button (2).

Changing the HD Radio reception mode
You can change HD Radio reception mode each for FM and AM broadcast.

Changing on the source control screen
1 Touch [HD Radio].

Each time you touch [HD Radio] on the source control screen, HD Radio reception mode switches “On” and “Off.” When it is “On,” the indicator lights up in orange.

Changing on the tuner setting menu (only for HD Radio)
1 Display the menu window. While the <FM> or <AM> source control screen is displayed, touch the Menu button on the monitor panel.

2 Display <Tuner> settings screen.

- When the digital reception (On) is selected
The indicator of the [HD Radio] button lights up in orange. You can listen to the digital broadcast. But if reception becomes poor, digital reception changes automatically to analog reception.

- When the analog reception (Off) is selected
The indicator of the [HD Radio] button goes off. You can listen to the analog broadcast.
**Tuner—FM/AM/HD Radio™**

### Scanning stations

You can scan the stations (main-channels and sub-channels) of the current received band.

1. Display the menu window.
   While the `<FM>` or `<AM>` source control screen is displayed, touch the **Menu** button on the monitor panel.

2. Start scanning.

Once stations of sufficient signal strength are found, scanning stops for a while. Then scanning starts again until you stop.

3. Stop scanning to listen to the station.

### Adjusting the sound while listening

You can adjust the sound for while listening to the radio from the menu window.

1. Display the menu window.
   While the `<FM>` or `<AM>` source control screen is displayed, touch the **Menu** button on the monitor panel.

2. Display the `<Sound>` settings screen.

3. Make adjustment on the `<Sound>` settings screen. (Page 74)
**SiriusXM® Satellite Radio**

Only SiriusXM brings you more of what you love to listen to, all in one place. Get over 140 channels, including commercial-free music plus the best sports, news, talk, comedy and entertainment. A SiriusXM Subscription is required. For more information, visit [www.siriusxm.com](http://www.siriusxm.com).

- SiriusXM is available in USA and Canada only.

### Activating subscription

1. **Check your Radio ID.**
   The SiriusXM Satellite Radio ID is required for activation and can be found by tuning in to Channel 0. (Page 54)

   ![Radio ID](image)

   - The Radio ID does not include the letters I, O, S or F.

2. **Activate the built-in SiriusXM Tuner** using one of the two methods below:
   - For users in the USA:
     - Online: Visit [www.siriusxm.com/activatexm](http://www.siriusxm.com/activatexm)
     - Phone: Call XM customer Care at 1-877-438-9677
   - For users in Canada:
     - Online: Visit [www.siriusxm.ca/activatexm](http://www.siriusxm.ca/activatexm)
     - Phone: Call XM customer Care at 1-877-438-9677

3. **When a confirmation message is displayed, select [OK].**

### Selecting SiriusXM

Touch [SiriusXM] on the <Home> screen to display the <SiriusXM> source control screen and listen to a channel.


### Indications and buttons on the source control screen

You can perform operations to listen to a favorite service.

- For users in Canada:
  - Online: Visit [www.siriusxm.ca/activatexm](http://www.siriusxm.ca/activatexm)
  - Phone: Call XM customer Care at 1-877-438-9677

### SiriusXM Satellite Radio reception information

- **Warning message area**
- **Progress bar/time code** (Page 57)
- **Channel logo**
- **Channel number/Category**
- **SiriusXM Satellite Radio indicators**
  - [TuneMix]: Lights up in blue when TuneMix is activated, and in white when it is ready to use. (Page 57)
  - [On Air]: Lights up in yellow when a selected alert program has started. (Pages 61, 62)
  - [Go Back]: Lights up when tuning in to a SportsFlash alerted program. (Page 60)
- **Program information**
  - Album picture is also displayed if the related signals are sent.
  - Touching the information area displays detailed information sent by the current station. Touching [>] scrolls the text, if not all of the text is shown.
  - To close the information screen, touch [x].
- **Preset list switch tab**
  - Selects one of the preset lists where 6 channels are stored. The mark in the tab indicates that channels preset in this group can be used for Smart Favorites. (Page 58)
- **Preset list**
  - Includes 6 preset channels. (Page 56)
**SiriusXM Satellite Radio**

**Operation buttons while listening**
- For Replay operation buttons, see page 57.

<table>
<thead>
<tr>
<th>Button</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>[Help]</td>
<td>Displays the help list to know about SiriusXM. (Page 68)</td>
</tr>
<tr>
<td>[&lt;]/[&gt;]</td>
<td>Changes the channel one by one.</td>
</tr>
<tr>
<td>[Tune]</td>
<td>Enables direct entry of channel number. (See the rightmost column.)</td>
</tr>
<tr>
<td>[Station]</td>
<td>Displays the station list. (Page 55)</td>
</tr>
<tr>
<td>[★]</td>
<td>Register or unregister the current song or artist for Artist/Song Alert. (Page 62)</td>
</tr>
<tr>
<td>[TuneMix]</td>
<td>Starts TuneMix. (Page 57)</td>
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<tr>
<td>[On Air]</td>
<td>Tunes in to your alert-set program. (Pages 61, 62)</td>
</tr>
<tr>
<td>[Go Back]</td>
<td>For SportsFlash: Returns to your last tuned program from SportsFlash alerted-program. (Page 60)</td>
</tr>
</tbody>
</table>

---

**Tuning in to a channel**

- **Searching for a channel**
  You can search for a channel on the <SiriusXM> source control screen.

- **To tune in to a channel manually**
  Touch [<]/[>] repeatedly. Each time you touch the button, the channels change one by one.
  - Touching and holding [<]/[>] changes the channels continuously.

- **Entering the channel number directly**
  If you know the channel number, you can enter it directly to tune in to the channel.

1. Display the <Direct Channel Entry> screen.

2. Enter the channel number.
   - Touch [X] to delete the incorrect entry. Each time you touch the button, the last entered number is deleted.
SiriusXM Satellite Radio

Selecting a channel from the list
You can easily find a channel on the channel list which shows only the available channels.
- You can also list up the channels being broadcast by selecting the category.

1 Display the <Station List> screen.

2 Select a channel from the list.

Channel numbers are displayed with their channel names, artist names, or song titles on the list.
- To change the indications beside the channel numbers, touch [Info].
Each time you touch the button, the indications change in turn.
- The currently playing channel is highlighted and also indicated by the speaker mark ( ).
- When the channels are parental-locked, the lock mark ( ) is displayed. To select this channel, you are required to enter the password. (Page 65)
Once lock is canceled temporarily, the unlock mark ( ) is displayed.

To list up channels by category—Category Filter

1 Display the <Station List> screen. (See the left column.)

2 Display the <Category Filter> screen (category list).

3 Select a category.

The available channels for the selected category are listed. The currently selected category is highlighted.
- To deactivate Category Filter, select [All Channels]. You can select a channel from all received channels.

4 Select a channel from the list. (See the leftmost column.)
SiriusXM Satellite Radio

### Selecting a channel while scanning—Channel Scan
You can easily find a channel by scanning all available channels.

**To activate Channel Scan**

1. Display the menu window. While the <SiriusXM> source control screen is displayed, touch the Menu button on the monitor panel.

2. Select [Channel Scan].

Scanning starts, and the detected channel plays for 10 seconds, then skips to the next channels.

### Presetting channels

**Storing channels in memory**
You can preset 36 channels (6 for each preset list).
- You can only use the preset channels in preset lists 1 and 2 for Smart Favorites. (Page 58)

**To activate Channel Scan**

1. Tune in to a channel you want to preset. (Page 54)

2. Select a preset list (1), then touch and hold a preset button to store (2).

3. Repeat steps 1 and 2 to preset other channels.

**Selecting a preset channel**
You can select your favorite channel easily from the preset list. Select a preset list (1), then a preset button (2).
SiriusXM Satellite Radio

Replaying the contents

This product records the programs automatically for replay. So you do not miss any of the news, talk, sports or music content you like. You can pause, rewind and replay the program.

• For the currently tuned programs: This product continually buffers up to 60 minutes of the contents.

• For the preset channels (Smart Favorites): This product buffers up to 30 minutes of 12 preset channels of preset list 1 and 2 (Smart Favorites channels).

Indications on the Replay mode screen

1. Progress bar
   • While recording, the bar shows the amount of buffered content and the remaining capacity.
   • While replaying, the position indicator (●) on the bar shows where you are on the buffered content.
   • While listening to a live program, the position indicator (●) on the bar goes off.

2. Time code
   Shows you the point in the Replay buffer you are listening to.
   • Example: –5:00
     – You are listening to the portion of 5 minutes behind the current broadcast.

Operation buttons (for Replay)
The following buttons work for Replay and Smart Favorites.

[■] / [▲]
• [■]: Pauses Replay.
• [▲]: Starts Replay.

[◄] / [►] / [◄] 
• [◄]: Skips Replay position backward (touch), and reverses (hold).
• [►]: Skip Replay position forward (touch), and fast-forwards (hold).

[Live]
Finishes Replay and goes back to the current broadcast.

• When you turn off the power switch (or ignition), all buffer recording is deleted.

Using TuneMix™

You can listen to the music played or being played in the 6 preset channels of the current preset list. Playback order is randomly determined.

TuneMix is only enabled if the following conditions are satisfied.
• TuneMix works for the music channels certified by SiriusXM.
• Preset channels are not parental-locked.
• At least 2 channels of above conditions have been preset in the current preset list.

To activate TuneMix

When you can use this function, the [TuneMix] button lights up in white. Otherwise, it will be grayed out.


When the TuneMix starts, the [TuneMix] button lights up in blue.
SiriusXM Satellite Radio

To stop TuneMix
Touch [TuneMix] again.
The [TuneMix] button lights up in white.
• TuneMix is also canceled when you select another preset list or channel.

Using TuneStart™

When you select a Smart Favorites channel, you can listen to the current song from the beginning.

To activate TuneStart
1 Display the menu window.
   While the <SiriusXM> source control screen is displayed, touch the [Menu] button on the monitor panel.
2 Display <Settings> screen for SiriusXM.
3 Display <TuneStart> screen.
4 Select [On].
   • To deactivate TuneStart, select [Off].
To return to previous screens, touch [ ].

Using TuneScan™

You can scan the buffer recordings (current channel and Smart Favorites channels). So you can find your favorite songs.
• TuneScan works for the music channels certified by SiriusXM.
• You can also scan the buffer recording of the channels which are not parental-locked.
• When no buffer recording is available, you cannot activate TuneScan.

To activate TuneScan
1 Display the menu window.
   While the <SiriusXM> source control screen is displayed, touch the [Menu] button on the monitor panel.
2 Select [TuneScan].
Scanning starts, and the detected songs plays for 10 seconds, then skips to the next song.
SiriusXM Satellite Radio

3 Find your favorite song.

1. Display the menu window. While the <SiriusXM> source control screen is displayed, touch the [Menu] button on the monitor panel.

2. Display <Settings> screen for SiriusXM.


4. Display <Team Settings> screen.

5. Select a league.

6. Select favorite teams.

- To select teams of other leagues, touch [ arrange ] and repeat this step.
- To select teams by the team name, touch [ Alphabet Search ] then enter the first letter of the team name.

To return to previous screens after setting is done, touch [ back ] repeatedly.

Receiving alerts for big plays—SportsFlash™

SportsFlash will notify you when a big play happens during a game played by one of your favorite sports teams. You can tune in to the channel and hear the play unfold as though it is live. Continue listening to the game, or you can return to your previous channel.

Selecting your favorite teams

You can register up to 12 teams for SportsFlash. You can receive information for up to 5 games at the same time.

- To play the currently detected song, touch [Stop].
- To skip to the previous/next song, touch [ ] or [ ].

1. Display the menu window.
2. Display <Settings> screen for SiriusXM.
4. Display <Team Settings> screen.
5. Select a league.
6. Select favorite teams.

- To select teams of other leagues, touch [ arrange ] and repeat this step.
- To select teams by the team name, touch [ Alphabet Search ] then enter the first letter of the team name.

To return to previous screens after setting is done, touch [ back ] repeatedly.
SiriusXM Satellite Radio

Activating SportsFlash alert
Activation is required once you select the favorite teams.

1. Display the menu window.
   While the <SiriusXM> source control screen is displayed, touch the Menu button on the monitor panel.

2. Display <Settings> screen for SiriusXM.


   - To deactivate SportsFlash, select [Off].

To return to previous screens after setting is done, touch [ ].

Switching to the game information
When a big play happens during one of the games, an alert screen appears.

Touch [Jump] to listen to the big play.
- To cancel the currently received alert, touch [Ignore].
  - You will receive future alerts for the game.
- To cancel the alert for this game, touch [Skip Game].

Once you move to the alerted game, you can go back to the previous channel by touching [Go Back].
- If you remain tuning in to the alerted game for about 5 minutes, [Go Back] disappears from the screen.
SiriusXM Satellite Radio

Receiving alerts for favorite games—Game Alert

Game Alert will notify you when your favorite teams start playing. You can tune in to the channel broadcasting the games.

Selecting your favorite teams

You can register up to 48 teams for Game Alert.

1. Display the menu window.
   While the <SiriusXM> source control screen is displayed, touch the Menu button on the monitor panel.

2. Display <Settings> screen for SiriusXM.

3. Display <Game Alert> screen.

4. Display <Select Leagues> screen.

5. Select a league.

6. Select favorite teams.

   - To select teams of other leagues, touch [ ] and repeat this step.
   - To select teams by the team name, touch [Alphabet Search] and then enter the first letter of the team name.

   To return to previous screens after setting is done, touch [ ] repeatedly.

Activating Game Alert

Activation is required once you select the favorite teams.

1. Display the menu window.
   While the <SiriusXM> source control screen is displayed, touch the Menu button on the monitor panel.

Continued on the next page...
SiriusXM Satellite Radio

2 Display <Settings> screen for SiriusXM.

3 Select [SiriusXM] or [All] for <Game Alert> settings.

Switching to the game
When a game of your favorite teams starts, an alert screen appears.

Touch [Jump] to tune in to the alerted game broadcast program.
• To cancel the alert for this game, touch [Cancel].

Receiving alerts for favorite contents—Artist/Song Alert
Artist/Song Alert will notify you when your favorite contents (artists/songs) start playing. You can tune in to the channel broadcasting your favorite contents (artists/songs).

Registering your favorite artists and songs
You can register the artists and songs while listening to your favorite songs. (Total number of contents (artists/songs) you can register is 60).

To return to previous screens after setting is done, touch [⇒] repeatedly.

Selecting your favorite artists and songs
You need to select your favorite artists and songs for Artist/Song Alert.

1 Display the menu window.
While the <SiriusXM> source control screen is displayed, touch the [Menu] button on the monitor panel.

• Touch [★] beside the artist name to register the artist. Each time you touch the button, it changes registered and unregistered
• Touch [★] beside the song title to register the song. Each time you touch the button, it changes registered and unregistered
SiriusXM Satellite Radio

2 Display <Settings> screen for SiriusXM.

3 Display <Artist/Song Alert> screen.

4 Display <Artist Setting> or <Song Setting> screen.

5 Select favorite artists or songs. Ex.: On the <Artist Setting> screen

   The star mark (★) beside the artist name or song title turns yellow when activated for Artist/Song Alert.
   • To select artists and songs by name, touch [Alphabet Search] then enter the first letter of the name.

   To return to previous screens after setting is done, touch [ ] repeatedly.

Activating Artist/Song Alert
You need to activate Artist Alert and Song Alert separately. Song Alert has priority over Artist Alert if both alerts are received at the same time.

1 Display the menu window.
While the <SiriusXM> source control screen is displayed, touch the Menu button on the monitor panel.

2 Display <Settings> screen for SiriusXM.

Continued on the next page...
**SiriusXM Satellite Radio**

3 Display <Artist/Song Alert> screen.

4 Select [SiriusXM] or [All] for <Artist Alert> and <Song Alert>.

---

**Switching to the broadcast channel of your favorite artist/song**

When one of your favorite contents (artists/songs) starts playing, an alert screen appears.

Touch [Jump] to tune in to the alerted broadcast program.
- To cancel the alert for this content, touch [Cancel].

**Deleting artists and songs from the list**

You can delete unwanted artists and songs from the lists.

1 Display the menu window.
   While the <SiriusXM> source control screen is displayed, touch the  1 Menu button on the monitor panel.

---

To return to previous screens after setting is done, touch \( \text{\textup{\small{\textbullet}}} \) repeatedly.

---

2 Display <Settings> screen for SiriusXM.

3 Display <Artist/Song Alert> screen.

4 Display <Artist Setting> or <Song Setting> screen.

---

[SiriusXM] You can receive alerts only when the playback source is SiriusXM.

[All] You can receive alerts regardless of the playback source.

- To deactivate Artist/Song Alert, select [Off].
SiriusXM Satellite Radio

5 Display the <Delete> screen.
Ex.: On the <Artist Setting> screen

6 Select unwanted contents (artists/songs).
Ex.: On the <Artist Setting> screen

The check mark (✓) appears beside the artist name or song title.
• To select artists and songs by name, touch [Alphabet Search] then enter the first letter of the name.

7 Delete unwanted artists or songs.

A message window is displayed. Select [Yes].

To return to previous screens after setting is done, touch [ ] repeatedly.

Restricting channel reception—Parental Lock

You can restrict access to some SiriusXM channels.

Restricting channel reception
You need to enter the password to restrict channel reception.
• No password is set initially at the factory. Once you have registered your password, note it somewhere.

1 Display the menu window.
While the <SiriusXM> source control screen is displayed, touch the [ ] Menu button on the monitor panel.

2 Display <Settings> screen for SiriusXM.

3 Display <Parental Lock>.

Continued on the next page...
4 Select [Mature] or [User] for <Parental Control>.

[Mature] Channels specified by SiriusXM can not be tuned.

[User] You can restrict channel reception yourself on the channel list.

- To deactivate Parental Lock, select [Off].

5 Enter your password.

The lock (🔒) marks beside the channel numbers are highlighted, once Parental Lock is set for the channels.

- To change the channel list, touch [Category] or [All Channel].

To return to previous screens after setting is done, touch [←] repeatedly.

6 When no password has been set, you are required to enter your password again for reconfirmation.

For [Mature] setting, Parental Lock is completed. The following steps are only for [User] setting.

7 Select the channels on the channel list.

- Touch [×] to delete the incorrect entry. Each time you touch the button, the last entered number is deleted.

Changing the password

You can use your own password (4-digit number).
- Once you change the password, note it somewhere.
- If you forget the password, reset the system (Page 76). Remember all other settings will be also reset.

1 Display the menu window.
While the <SiriusXM> source control screen is displayed, touch the [Menu] button on the monitor panel.
SiriusXM Satellite Radio

2 Display <Settings> screen for SiriusXM.

3 Display <Parental Lock>.

4 Select [Change] for <Lock Password>.

5 Enter the current password.

6 Enter a new password.

7 Enter the new password again for confirmation.

Resetting SiriusXM settings

You can reset all SiriusXM settings.

To reset settings

1 Display the menu window.
   While the <SiriusXM> source control screen is displayed, touch the Menu button on the monitor panel.

2 Display <Settings> screen for SiriusXM.

Continued on the next page...
SiriusXM Satellite Radio

3 Select [Reset SiriusXM].

A message window is displayed.
• Touch [Yes] to reset the settings.
• Touch [No] to cancel reset.

Reading help information
To know what this function is, you can use the [? Help] button on the current screen if available.

1 Display the <Help> screen.
While the <SiriusXM> source control screen is displayed, touch [? Help].

2 Select the function that you want to know about.
• To use the functions listed on the screen, touch [SXM Settings]. The <Settings> screen for SiriusXM is displayed.

3 Close the help window.

Adjusting the sound during playback
You can adjust the sound for listening to the SiriusXM from the menu window.

1 Display the menu window.
While the <SiriusXM> source control screen is displayed, touch the Menu button on the monitor panel.

2 Display the <Sound> settings screen.

3 Make adjustment on the <Sound> settings screen. (Page 74)
Bluetooth Audio

Playback operations

Preparation: Connect a Bluetooth audio device via Bluetooth. (Page 20)
• Some operations cannot be performed depending on Bluetooth audio device.

Playing tracks on a Bluetooth audio device

Select [Bluetooth Audio] on the <Home> screen to display the <Bluetooth Audio> source control screen and start playback.


Indications and buttons on the source control screen

You can perform operations to play tracks contained in the connected Bluetooth audio device.
• The operation buttons, indications and information displayed on the screen differ among the connected devices.

Operation buttons

<table>
<thead>
<tr>
<th>Button</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>[i]</td>
<td>Displays the information of the current track.</td>
</tr>
<tr>
<td>[◄◄] [►►]*</td>
<td>Selects a track. (Touch) Rewinds/fast-forwards. (Hold)</td>
</tr>
<tr>
<td>[►]</td>
<td>Starts playback.</td>
</tr>
<tr>
<td>[■]</td>
<td>Pauses playback.</td>
</tr>
</tbody>
</table>

* Available only when the connected device is compatible.

Playback information

1. Repeat mode indicator (Page 70)*
2. Track number/Total track number
3. Shuffle mode indicator (Page 70)*
4. Track information
   • Touching the information area displays detailed information of the current track.
   • To return to the source control screen, touch [ ◄ ].
5. Progress bar and playing time/total playing time
Bluetooth Audio

Selecting the playback mode
You can select the repeat mode and shuffle mode.

1 Display the menu window.
While the Bluetooth Audio source control screen is displayed, touch the Menu button on the monitor panel.

2 Select a playback mode.

- [Repeat Song] Repeats the current track.
- [Repeat All] Repeats all tracks.
- [Shuffle] Shuffles all tracks.
- [Shuffle Off] Deactivates the shuffle mode.

- You can also select the playback mode by touching the repeat mode or shuffle mode indicator on the Bluetooth Audio source control screen.

Playing the beginning of a track—track scan
You can listen to the first 10 seconds of each track by scanning the tracks.

1 Display the menu window.
While the Bluetooth Audio source control screen is displayed, touch the Menu button on the monitor panel.

2 Start the track scan.

3 Stop scanning to listen to the detected track.

Settings for Bluetooth audio device playback
You can change the settings for playing Bluetooth audio devices from the menu window.

- Switching to another Bluetooth device
When two Bluetooth devices are registered, you can switch the Bluetooth device to use.

1 Display the menu window.
While the Bluetooth Audio source control screen is displayed, touch the Menu button on the monitor panel.
**Bluetooth Audio**

2 Select [Switch Connected Device].

3 Select the usage of another device to use. (Page 78)

- A message window is displayed. Select [Yes].

**Setting Bluetooth audio devices**

1 Display the menu window. While the <Bluetooth Audio> source control screen is displayed, touch the Menu button on the monitor panel.

2 Select [Bluetooth Settings].

3 Change the settings.

- For details on settings, see page 78.

**Adjusting the sound during playback**

You can adjust the sound for playing Bluetooth audio devices.

1 Display the menu window. While the <Bluetooth Audio> source control screen is displayed, touch the Menu button on the monitor panel.

2 Display the <Sound> settings screen.

3 Make adjustment on the <Sound> settings screen. (Page 74)
External Components—HDMI

Playing an HDMI device

**Preparation:** Connect an HDMI device to the product via the HDMI input terminal. (Page 17)

- **Playing content on an HDMI device**
  Select [HDMI] on the <Home> screen to display the screen of the connected HDMI device and start playback.
  - [HDMI] is not displayed when the car is not equipped with the HDMI input terminal or when an HDMI device is not connected.
  - Video will not be displayed while driving.

1. Select [HDMI] as the source.
   On the <Home> screen, touch [HDMI].
2. Turn on the connected HDMI device and start playback.

Adjusting the sound during playback

You can adjust the sound for playing external components from the menu window.

1. Display the menu window.
   While the <HDMI> source control screen is displayed, touch the Menu button on the monitor panel.
2. Display the <Sound> settings screen.
3. Make adjustment on the <Sound> settings screen. (Page 74)
Steering Remote Control Switch Operations

You can perform operations from the remote control switches on the steering wheel.
- The buttons and layouts differ among the steering types.

Type A

1. Volume buttons/switch
   Adjusts the audio and other voice guidance volume. (Page 22)
2. For Type A/B/C: MODE button
   For Type D: SOURCE button
   - Selects the playback source. (Press)
   - Turns off/on the playback source. (Hold)
3. button
   Used for the voice control (recognition).
   - For operating this product, see page 24.
   - For operating the Bluetooth interfaced device, see page 25.
   - For operating CarPlay, see page 27.
   - For operating Android Auto, see page 29.
4. Answer button
   Receives the call.
5. Hang up button
   Ends the call or rejects the incoming call.
6. Selection buttons
   - Selects the tracks, stations, and channels. (Press)
   - Rewinds/fast-forwards the track, or searches for stations/channels. (Hold)
7. Camera button
   Displays the around view on the monitor.

Type B

Type C

Type D

- JOL%JTQMBZ"VEJP@(BTPMJOF$BS@/"4JOEC

- JOL%JTQMBZ"VEJP@(BTPMJOF$BS@/"4JOEC
**Settings**

**Adjusting the sound**

You can adjust the sound for listening to the playback source on the <Sound> settings screen.

1. Display the <Settings> screen.
   - On the <Home> screen, touch [Settings].

2. Display the <Sound> settings screen (1), then select the setting item (2).
   - Touch [<<]/[>>] repeatedly to display the [Sound] tab.
   - To clear the adjustments made on all <Sound> setting items, select [Reset].
     - A message window is displayed. Select [Yes].
   * [Surround] is displayed only when your car is equipped with a premium audio system.

3. Adjust the settings.
   - You can also select setting items by touching tabs on the <Sound> settings screen.

   ![Sound settings screen](image)

   - Adjust the settings.
   - **[Tone]** You can adjust the tone for treble/middle/bass/punch* sounds.
     1. Select [Tone] on the <Sound> settings screen. (See the left column.)
     2. Adjust the tone for each sound.
        - Touch [+ ] to increase and [- ] to decrease.
        - To clear the adjustments on the <Tone> setting screen, select [Reset].
   * [Surround] is displayed only when your car is equipped with a premium audio system.
   * The <Punch> setting is adjustable only when your car is equipped with a premium audio system (with sub-woofer).

4. Adjusting the speaker output balance

You can adjust the output balance of the front/rear speakers and the left/right speakers.

1. Select [Fader/Balance] on the <Sound> settings screen. (See the leftmost column.)

2. Adjust the speaker output balance.
   - Touch [▲]/[▼] to adjust front and rear speaker output balance (<Fader>).
   - Touch [◄]/[►] to adjust left and right speaker output balance (<Balance>).
   - You can also adjust the speaker output balance by dragging cursor (<>).

   ![Speaker output balance settings](image)

   - To clear the adjustments on the <Fader/Balance> setting screen, select [Reset].

---

*Note: [Fader], [Balance], [Tone], [Surround], [Punch] are only available for certain car models equipped with a premium audio system.*
Settings

Selecting the music type suitable for the current track
You can apply the sound equalization to the music by selecting the music type.

1. Select [Music Type] on the <Sound> settings screen. (Page 74)
2. Select the music type.

Enjoying surround sound (only when your car is equipped with a premium audio system)
You can activate surround and select the listening position when your car is equipped with a premium audio system.

1. Select [Surround] on the <Sound> settings screen. (Page 74)
2. Change the surround settings.

- **<Surround>**
  - Sets the surround type.
  - **Off** (Initial): Deactivates surround.
  - **dts Neural Surround***
  - **PremiDIA WIDE***

- **<Sound Field>**
  - Sets the center position in the sound field.
  - **Stage**: Select this when only the driver is in the car.
  - **Normal** (Initial): Select this when the listeners are sitting on the front seats.
  - **Live**: Select this when the listeners are sitting on both the front and rear seats.

* To clear the adjustments on the <Surround> setting screen, select [Reset].

* Does not work when the playback source is the tuner (FM/AM analog broadcast).
Settings

Adjusting audio/volume settings
You can adjust the following audio/volume settings precisely:
• The sensitivity of the speed compensated volume to adjust the volume automatically according to the car speed
• The compressed audio correction level using PremiDIA HD technology
• The automatic volume adjustment level using Dolby volume technology

1. Select [Other] on the <Sound> settings screen. (Page 74)
2. Change the surround settings.
   When your car is equipped with a premium audio system:
   - [SCV] Selects the sensitivity of the speed compensated volume.
     - Low/Med. (Initial)/High
     - Off: Deactivates the speed compensated volume effect.
   - [PremiDIA HD] Selects the compressed audio correction level.
     - Low/High
     - Off (Initial): Deactivates the surround effect.
   - [DOLBY VOLUME] Selects the automatic volume adjustment level.
     - Low/Med./High
     - Off (Initial): Deactivates the surround effect.
   - To clear the adjustments on the <Other> settings screen, select [Reset].

   * Displayed when your car is equipped with a premium audio system.

Initializing the settings

To restore the initial settings, follow the procedure below.

1. Display the <Settings> screen.
   On the <Home> screen, touch [Settings].

   ![Settings screen](image)

2. Display the <System> settings screen (1), then select [Reset All] (2).
   - Touch [<<]/[>>] repeatedly to display the [System] tab.

   ![System settings](image)

   A message window is displayed. Select [Yes].
   Another message window is displayed for reconfirmation. Select [Yes].
   The product is reset and the initial screen is displayed.
**Settings**

**Setting menu items**

- **Displaying the <Settings> screen**
  You can make adjustments and change settings on the <Settings> screen.

1. Display the <Settings> screen.
   On the <Home> screen, touch [Settings].

2. Select the setting tab (1), then select an item (2).
   • Touch [<<]/[>>] repeatedly to display other setting tabs.

- **<Sound> settings screen**
  Adjust the sound for listening to the audio sources.
  • For details, see page 74–76.

- **<Brightness/Contrast> settings screen**
  Adjust the brightness and contrast of the screen.
  • To clear the adjustments on the <Brightness/Contrast> settings screen, select [Reset].
Settings

- **<System> settings screen**
  Change the settings for operating the product.

  - **<Operating Sound>**
    Activates/deactivates key-touch tone.
    - **Off/On** (Initial)

  - **<Caption Display Time>**
    Selects the display time for the message windows and information on the screen.
    - **3 seconds** (Initial)/7 seconds/10 seconds

  - **<Language Settings>**
    Selects the language used for on-screen information.
    - **English** (Initial)/Français/Español

  - **<Voice Guidance Volume>**
    Adjusts the volume of the voice guidance.
    - The **<Voice Guidance Volume>** of the other settings screens is also changed.
    - **0 to 11** (Initial: 6)

- **<Information> screen**
  Confirm the information about the product.

  - **<Version Information>**
    Shows the version of the product.

  - **<Open Source License>**
    Shows the open source license.
    - Touch [Display] to display the Open Source License.
    - To close the screen, touch [X].

- **<Bluetooth> settings screen**
  Configure settings for using Bluetooth devices, such as registration, connection and other general operations.
  - For details, see pages 18 – 21.
  - Touching the Bluetooth mark (.bluetooth) on the source control screen also displays the **<Bluetooth> settings screen**.

  - **<Pair Device>**
    Displays the pairing screen.

  - **<Unit Details>**
    Displays the **<Unit Bluetooth Details>** screen.

  - **<Auto Connect. Set.>**
    Displays the **<Auto Connect. Set.>** screen.
Settings

<Phone Function> settings screen
Configure settings for using mobile phones.
- For details, see pages 37 – 38.

<Phone Volume>
Adjusts the volume level of the mobile phone.
- 0 to 11 (initial: 6)

<Auto Answer>
Activates/deactivates auto answer.
- Off (Initial)/On

<Incoming Screen Size>
Selects the incoming call screen size.
- Full Screen (Initial)/Small Screen

<Phone Function Lock>
Activates/deactivates the mobile phone security.
- This can be used when a mobile phone is connected via Bluetooth.
- Off (Initial)/On

<Voice Recognition> settings screen
Configure settings for using voice control.

<Talkback>
Activates/deactivates talk back which helps you with audio guidance to operate the product.
- Off/On (Initial)

<Remember Voice>
Changes the learning method for voice commands of the product.
- Manual: Learns voice commands manually to recognize your voice better.
  - Selecting [Manual] displays the voice command setup screen. After the message window is displayed, select [Yes]. Select [Start] on the next message window, then register voice commands.
  - Use the manual setup in the quiet place when your car is parked.
- Auto (Initial): Learns your voice automatically as you speak voice commands.

<Voice Recognition Language>
Selects the language used for voice control of the product.
- English (Initial)/Français/Español
  - Does not affect the on-screen language set on the <Language Settings> screen. (Page 78)

<Voice Guidance Volume>
Adjusts the volume level of the voice guidance.
- The <Voice Guidance Volume> of the other settings screens is also changed.
- 0 to 11 (initial: 6)
**Settings**

- **<iPod> settings screen**
  Configure settings for using iPod/iPhone.
  - This can be used when iPod/iPhone is connected to the USB terminal.
  - For details, see page 41.

- **<iPod Artwork>**
  Displays/hides artwork of iPod/iPhone.
  - Off/On (Initial)

- **<Read Audiobook>**
  Selects the speed of audiobooks.
  - Slower/Normal/Faster

- **<USB> settings screen**
  Configure settings for using USB devices.
  - For details, see page 46.

- **<Album Artwork>**
  Displays/hides artwork of the USB device.
  - Off/On (Initial)

- **<Tuner> settings screen**
  Configure settings for HD Radio reception (FM and AM).
  - HD Radio is not available in Canada.
  - For details, see pages 51.

- **<HD Radio (FM)>**
  Activates HD Radio reception mode for FM.
  - For USA and Mexico: Off/On (Initial)
  - For Canada: Off (Initial)/On

- **<HD Radio (AM)>**
  Activates HD Radio reception mode for AM.
  - For USA and Mexico: Off/On (Initial)
  - For Canada: Off (Initial)/On
Settings

**<SiriusXM> settings screen**
Configure settings for SiriusXM reception.
- SiriusXM is available in USA and Canada.
- For details, see pages 57 – 67.

**<SportsFlash>**
Activates/deactivates SportsFlash to notify you when a big play happens during a game played by one of your favorite sports teams.

**<Game Alert>**
Activates/deactivates Game Alert to notify you when your favorite teams start playing games. You can tune in to the channel broadcasting the games.

**<Artist/Song Alert>**
Activates/deactivates Artist/Song Alert to notify you when your favorite contents (artists/songs) start playing.

**<Parental Lock>**
You can restrict access to some SiriusXM channels.

**<TuneStart>**
You can scan the buffer recordings (current channel and Smart Favorites channels).
- This function can be used for the music channels certified by SiriusXM.

**<Clock> settings screen**
Configure settings for the clock time and clock design.
- For details, see pages 14 – 15.
- Touching the clock indication on the source control screen also displays the **<Clock>** settings screen.

**<Auto>**
Synchronizes the date and the clock time with the GPS.
- **Off/On** (Initially checked: Eastern)

**<Manual>**
To set the clock manually, check [Manual], then touch the date and time button shown here to display manual clock settings screen.
- **Off** (Initial)/**On**

**<Switch 12H/24H Display>**
Selects the time display format.
- **12H** (Initial)/**24H**

**<Daylight Saving Time>**
Selects your country to activate the daylight saving time.
- In Mexico, select [US/CA] where US daylight saving time is used.
- **Off** (Initial)/**US/CA**/**MX**

**<Select Date Display/Clock Type>**
Selects the date display format and the clock display format.
Vehicle Information

Checking Vehicle Information

You can check the following information.
- Available functions differ among the car type.
  - MPG Information
  - Eco Information (for only the cars equipped with Idling Stop System)
  - History Information

To monitor fuel consumption—[MPG Information]

You can check instantaneous fuel consumption and average consumption.

1. Display the <Vehicle Info> screen.
   On the <Home> screen, touch [Vehicle Info].

2. Display the <MPG Information> screen.

   - Auto Reset and Manual Reset are both linked to settings of the meters.

   Function buttons on the screen

   [Reset] Resets average MPG data on this screen. When a message window is displayed, select [Yes].
   [Average MPG] Displays the automatic reset mode screen where you can change the reset mode setting. Select [Yes] to use Auto Reset.
   - With Auto Reset Mode activated: The indicator on the button lights up. MPG is reset when the power switch has been off for about 4 hours.
   - To manually reset average MPG data, select [No]—Manual Reset is carried out.

To monitor your Eco driving level—[Eco Information]

You can check your Eco driving level—Driving Score.
- This function is only for the cars equipped with Idling Stop System.

1. Display the <Vehicle Info> screen.
   On the <Home> screen:

2. Display the <Eco Information> screen.

   - The screen to be displayed differs among the car type.
   - When operating the buttons on the screen, consider your car type not to operate wrong.

   • For the car without Idling Stop System:
Vehicle Information

- For the car with Idling Stop System and Eco Driving Score:

  • <Green Driving Score>
    You are scored according to how you step on the accelerator pedal and brake. The more stars, the better your driving is for fuel economy.

  • <Idling Stop Time>
    - <Engine start-stop>: The total idling time after the previous engine-start time to the current time.
    - <Total>: Total time of idling stop time after the driving data is reset previously.

- For the car only with Idling Stop System:

  • To know about Driving Score, touch [What is Driving Score?].

To monitor fuel consumption—[History Information]
You can check the fuel consumption both in a long term and in a short term, and the history of your driving scores.

1 Display the <Vehicle Info> screen.
On the <Home> screen, touch [Vehicle Info].

2 Display the <History Information> screen.

Function buttons on the screen

[Short MPG] Displays fuel consumption in a short term every 5 minutes when the engine is on.

[Long MPG] Displays fuel consumption in a long term, recorded each time when the engine is turned on and off.

[Driving Score]* Displays the history of your green driving scores.
- To know about Driving Score, touch [What is Driving Score?].

* This button is not displayed for the car not equipped with Driving Score function.
Vehicle Information

Checking the Air Conditioner Information

You can check the current air conditioner settings and outside temperature, etc.

- This function is not available depending on the car type.

1 Touch [Air Conditioner] on the <Home> screen.

- Air outlet indicators
  - To upper body/to windowshield/to feet
- Recirculation indicators (internal air recirculation and external air intake)
- Air conditioner indicator
  - Lights up when air conditioner is in use.
- Front defroster indicator
  - Lights up when front defroster is in use.
- Rear defogger indicator
  - Lights up when rear defogger is in use.
- Heated windowshield indicator
  - Lights up when heated windowshield is in use.
- Temperature set for the left air conditioner
- AUTO indicator
  - Lights up when air conditioning system is set to AUTO.
- DUAL indicator
  - Lights up when dual air conditioning system is in use.
- Temperature set for the right air conditioner
- Wind strength indicators
- Outside temperature

When you operate the air conditioner, the information window appears temporarily on the monitor screen.

Ex.: While playing the iPod/iPhone

Checking the current position of your car

You can check the current position of your car and the number of the satellites you are receiving the signals from.

1 Touch [GPS] on the <Home> screen.
Vehicle Settings

Setting vehicle—ETACS

On the <Vehicle Setting> screen, you can set the following. (The functions, the screens, and the buttons displayed vary depending on the car type and the provided equipment.)

- Keyless Entry System or Keyless Operation (depending on your car type and provided equipment)
- Wipers
- Lights
- Security Alarm
- Turn Signal
- Door Unlock & Lock
- Air Conditioner
- Others

1 Display the <Vehicle Setting> screen. On the <Home> screen, touch [Vehicle Setting].

2 Select the function to set.
   - Touch [<][>] if the function setting tab you want is not displayed.

   The screen shows the menu item name and its current setting. (Ex.: <Keyless Entry System> screen)

3 Select the item to change (①), then display the setting screen (②).

   Ex.: To set <Turn Signal Lights Answerback>
   Available functions are displayed on the screen.

4 Select the desired setting value (①), then confirm (②).

   Available setting values are displayed on the screen.

   - To know about the function, touch [Explanation].
   - To reset the function, touch [Reset]. A message window is displayed. Select [Yes].

   • For details on the available functions for <Vehicle Setting>, refer to the User Manual supplied for your car.
References

Maintenance

❐ Caution on cleaning the product
Do not use benzine, paint thinners, anti-static agents, or other chemical wipes. They could scratch the screen.

Recommended cleaning method:
Gently wipe the screen and monitor panel with a soft, dry cloth.

❐ Moisture condensation
Moisture may condense inside the product in the following cases:
• After starting the heater in the car.
• If it becomes very humid inside the car. Should this occur, the product may malfunction. If it happens, leave the product turned on for a few hours until the moisture evaporates.

Notes on using Android phone
• When you turn on the product, the Android phone connected to the USB terminal is charged through the product if it is ready to be charged.
• Make sure all important data in the Android phone has been backed up to avoid losing it.
• Avoid using Android phone if it might affect driving safety.

❐ Notes on using Bluetooth devices
• Some Bluetooth devices may not be connected to this product depending on the Bluetooth version of the device.
• This product may not work for some Bluetooth devices.
• Connecting conditions may vary depending on the environment.
• Avoid using a Bluetooth device if it might affect driving safety.

❐ Notes on playing iPod/iPhone
• The following iPod/iPhone can be connected to this product:
  – You can also check updated information about iPod models compatible with this product. Check the Inter Operability List: <http://www.iopinfo-sda.mitsubishi-motors.com/cs/bt/index.php>.
  Made for
  – iPod classic
  – iPod nano (7th Generation)
  – iPod nano (6th Generation)
  – iPod nano (5th Generation)
  – iPod nano (4th Generation)
  – iPod nano (3rd Generation)
  – iPod nano (2nd Generation)
  – iPod touch (6th Generation)
  – iPod touch (5th Generation)
  – iPod touch (4th Generation)
  – iPod touch (3rd Generation)
  – iPod touch (2nd Generation)
  – iPod touch (1st Generation)
  – iPhone 6s Plus
  – iPhone 6s
  – iPhone 6 Plus
  – iPhone 6
  – iPhone 5s
  – iPhone 5c
  – iPhone 5
  – iPhone 4s
  – iPhone 4
  – iPhone 3GS
  – iPhone 3G
• For some iPod/iPhone models, the performance may be abnormal or unstable during operation. If it happens, disconnect iPod/iPhone, then check its condition. If the performance is not improved or slow, reset your iPod/iPhone.
• When you turn on the product, iPod/iPhone connected to the USB terminal is charged through the product.
• The text information may not be displayed correctly.
• Make sure all important data has been backed up to avoid losing it.
• Avoid using iPhone/iPod if it might affect driving safety.
**USB playback**

**Playable files on a USB device**
- This product can play MP3/WMA/AAC/FLAC/Vorbis/WAV files stored in a USB mass storage class device.
- Make sure all important data has been backed up to avoid losing it.

**Notes on creating audio files (MP3/WMA/AAC/FLAC/Vorbis/WAV)**
- This product can play back files with the extension code <.mp3>, <.wma>, <.m4a>, <.flac>, <.fla>, <.ogg>, or <.wav> (regardless of the letter case—upper/lower).
- This product can play back files that meet the conditions below:
  - Bit rate:
    - MP3/WMA/AAC: 8 kbps – 320 kbps
  - Sampling frequency:
    - MP3/WMA/AAC/Vorbis: 16 kHz – 48 kHz
    - FLAC/WAV: 16 kHz – 88.2 kHz
- This product can show ID3 Tag Version 1.0/1.1/2.2/2.3/2.4 (for MP3).
- This product can also show WMA/AAC/Vorbis Comment/RIFF LIST Tag.
- This product can play back MP3/AAC/Vorbis files recorded in VBR (variable bit rate).
- Files recorded in VBR have a discrepancy in elapsed time indication.
- This product cannot play back the following files:
  - MP3 files encoded with MP3i or MP3 PRO format.
  - MP3 files encoded with Layer 1/2.
  - WMA files encoded with lossless, professional, or voice format.
  - WMA files which are not based upon Windows Media® Audio.
  - WMA/AAC files copy-protected with DRM.
  - AAC files encoded using any other application than iTunes.
  - AAC files copy-protected with FairPlay (except those stored on iPod).
  - Files which have data such as AIFF, ATRAC3, etc.
- This product may not recognize a memory card inserted into the USB card reader.
- When connecting with a USB cable, use a USB 2.0 cable.
- Maximum number of characters (when the characters are 1 byte):
  - Folder names: 255 characters
  - File names: 255 characters including file extension
- Avoid using a USB device if it might affect driving safety.
- Do not pull out and connect the USB device repeatedly while “Checking the file...” is shown on the screen.
- Electrostatic shock at connecting a USB device may cause abnormal playback of the device. If this happens, disconnect the USB device then reset this product and the USB device (if it can be reset).
- Operation and power supply may not work as intended for some USB devices.
- Do not leave a USB device in the car, or expose it to direct sunlight or high temperatures to prevent deformation and damage to the device.

**Notes on using a USB device:**
- This product may not play back files in a USB device properly when using a USB extension cable.
- USB devices equipped with special functions such as data security functions cannot be used with this product.
- Do not use a USB memory which has been divided into 2 or more partitions.
- Depending on the shape of the USB device and connection port, some USB devices may not be attached properly or the connection might be loose.
- This product may not recognize a memory card inserted into the USB card reader.
- When connecting with a USB cable, use a USB 2.0 cable.
- Maximum number of characters (when the characters are 1 byte):
  - Folder names: 255 characters
  - File names: 255 characters including file extension
- Avoid using a USB device if it might affect driving safety.
- Do not pull out and connect the USB device repeatedly while “Checking the file...” is shown on the screen.
- Electrostatic shock at connecting a USB device may cause abnormal playback of the device. If this happens, disconnect the USB device then reset this product and the USB device (if it can be reset).
- Operation and power supply may not work as intended for some USB devices.
- Do not leave a USB device in the car, or expose it to direct sunlight or high temperatures to prevent deformation and damage to the device.

**Notes on listening to HD Radio stations (for USA and Mexico)**
- Though the HD Radio reception mode to set to digital reception, it changes to analog reception automatically when “Live” broadcast starts.
References

• When you seek up the channels, all the channels (both main channels and sub-channels are scanned). However, when you seek down, only main channels are scanned (except currently received channel).

Notes on listening to SiriusXM (for USA and Canada)

• After turning on this product, you cannot use TuneMix until this product receives the related signals.
• You cannot use TuneScan in the following cases:
  – When the beginning of a song is not recorded.
  – When a song is recorded less than 45 seconds.
  – When a song has been played for 30 seconds.

Notes on using voice control

When using voice control, be aware of the following to make voice recognition easier and to avoid recognition mistakes.
• Speak clearly at a normal speed (not too fast and not too slow) and normal volume (not too loudly and not too quietly).
• Speak the voice commands only.
• Close the windows before speaking the commands.
• Only one person should speak at a time.
• Avoid using voice control when driving with ambient noise—through a tunnel, or driving with chains on the tires, etc.
• Make sure that the air flow from the air conditioner or heater is not too strong.

Voice command list

To switch the source

<table>
<thead>
<tr>
<th>Voice commands</th>
<th>Operations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Audio On</td>
<td>Turns on the audio source.</td>
</tr>
<tr>
<td>Audio Off</td>
<td>Turns off the audio source.</td>
</tr>
<tr>
<td>Source List</td>
<td>Announces the source names. Once all source names are announced, returns to the previous screen.</td>
</tr>
<tr>
<td>AM</td>
<td>Switches to the &lt;AM&gt; source.</td>
</tr>
<tr>
<td>FM</td>
<td>Switches to the &lt;FM&gt; source.</td>
</tr>
<tr>
<td>iPod</td>
<td>Switches to the &lt;iPod&gt; source.</td>
</tr>
<tr>
<td>USB</td>
<td>Switches to the &lt;USB&gt; source.</td>
</tr>
<tr>
<td>Bluetooth Audio</td>
<td>Switches to the &lt;Bluetooth Audio&gt; source.</td>
</tr>
<tr>
<td>SiriusXM*1</td>
<td>Switches to the &lt;SiriusXM&gt; source.</td>
</tr>
<tr>
<td>HDMI*2</td>
<td>Switches to the &lt;HDMI&gt; source.</td>
</tr>
</tbody>
</table>

Tuner operations

<table>
<thead>
<tr>
<th>Voice commands</th>
<th>Operations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Seek Up</td>
<td>Tunes in to the available station of higher frequencies.</td>
</tr>
<tr>
<td>Seek Down</td>
<td>Tunes in to the available station of lower frequencies.</td>
</tr>
<tr>
<td>Tune Up</td>
<td>Increases the tuner frequency.</td>
</tr>
<tr>
<td>Tune Down</td>
<td>Decreases the tuner frequency.</td>
</tr>
<tr>
<td>Scan/Scan On</td>
<td>Starts frequency scan.</td>
</tr>
<tr>
<td>Direct Tune</td>
<td>Displays the direct frequency entry screen.</td>
</tr>
<tr>
<td>Direct Tune XX.X (frequency)</td>
<td>Tunes in to the specified frequency.</td>
</tr>
<tr>
<td>Station List</td>
<td>Displays the station list.</td>
</tr>
<tr>
<td>Preset List</td>
<td>Displays the preset station list.</td>
</tr>
</tbody>
</table>

*1 SiriusXM is only for USA and Canada.
*2 This feature is available only for cars equipped with HDMI input terminal and HDMI device is connected.
References

SiriusXM operations (Only for USA and Canada)

<table>
<thead>
<tr>
<th>Voice commands</th>
<th>Operations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Channel Up</td>
<td>Increases the channel numbers.</td>
</tr>
<tr>
<td>Channel Down</td>
<td>Decreases the channel numbers.</td>
</tr>
<tr>
<td>Direct Channel</td>
<td>Displays the direct channel entry screen.</td>
</tr>
<tr>
<td>Direct channel XXX</td>
<td>Tunes in to the specified channel.</td>
</tr>
<tr>
<td>Scan/Scan On</td>
<td>Starts Channel Scan.</td>
</tr>
<tr>
<td>TuneScan</td>
<td>Starts TuneScan.</td>
</tr>
<tr>
<td>Channel Scan</td>
<td>Starts channel scan.</td>
</tr>
<tr>
<td>TuneMix</td>
<td>Starts TuneMix.</td>
</tr>
<tr>
<td>TuneMix Off</td>
<td>Stops TuneMix.</td>
</tr>
<tr>
<td>Favorite</td>
<td>Register either the currently playing artist or song into the list for Artist/Song Alert.</td>
</tr>
<tr>
<td>Favorite Song</td>
<td>Register the current playing song into the list for Song Alert.</td>
</tr>
<tr>
<td>Favorite Artist</td>
<td>Register the current playing artist into the list for Artist Alert.</td>
</tr>
</tbody>
</table>

Playback operations

<table>
<thead>
<tr>
<th>Voice commands</th>
<th>Operations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Track Up</td>
<td>Plays the next track.</td>
</tr>
<tr>
<td>Track Down</td>
<td>Plays the previous track.</td>
</tr>
<tr>
<td>Folder Up*1</td>
<td>Skips to the next folder.</td>
</tr>
<tr>
<td>Folder Down*1</td>
<td>Skips to the previous folder.</td>
</tr>
<tr>
<td>Shuffle</td>
<td>Activates the shuffle mode.</td>
</tr>
<tr>
<td>Shuffle Off</td>
<td>Deactivates the shuffle mode.</td>
</tr>
<tr>
<td>Repeat</td>
<td>Displays the repeat mode selecting screen.</td>
</tr>
<tr>
<td>Repeat On*2</td>
<td>Activates the repeat mode.</td>
</tr>
<tr>
<td>Repeat Track</td>
<td>Repeats the current track.</td>
</tr>
<tr>
<td>Repeat Category*3</td>
<td>Repeats all tracks in the current category.</td>
</tr>
<tr>
<td>Repeat Folder*1</td>
<td>Repeats all tracks in the current folder.</td>
</tr>
<tr>
<td>Repeat Off*3</td>
<td>Deactivates the repeat mode.</td>
</tr>
<tr>
<td>Repeat All<em>1</em>2</td>
<td>Repeats all tracks in the device.</td>
</tr>
<tr>
<td>Scan<em>1</em>2</td>
<td>For USB: Select “All” or “Folder.”</td>
</tr>
<tr>
<td>Scan<em>1</em>2</td>
<td>For Bluetooth Audio: Scan starts.</td>
</tr>
<tr>
<td>Scan On*2</td>
<td>Starts the track scan.</td>
</tr>
<tr>
<td>Scan Folder*1</td>
<td>Scans all the tracks in the current folder.</td>
</tr>
<tr>
<td>Scan All*1</td>
<td>Scans all tracks in the device.</td>
</tr>
</tbody>
</table>

Phone operations

<table>
<thead>
<tr>
<th>Voice commands</th>
<th>Operations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address Book</td>
<td>Displays the &lt;Address Book List&gt; screen.</td>
</tr>
<tr>
<td>Address Book XXXX (name)</td>
<td>Calls the specified contact in the address book.</td>
</tr>
<tr>
<td>Phone Number</td>
<td>Displays the phone number entry screen.</td>
</tr>
<tr>
<td>Phone Number XXXX-XXX-XXX (number)</td>
<td>Calls the specified phone number.</td>
</tr>
<tr>
<td>Redial</td>
<td>Displays the call history.</td>
</tr>
<tr>
<td>Redial Incoming</td>
<td>Displays the incoming calls.</td>
</tr>
<tr>
<td>Redial Outgoing</td>
<td>Displays the outgoing calls.</td>
</tr>
<tr>
<td>Mute</td>
<td>Mutes the microphone volume.</td>
</tr>
<tr>
<td>Call Mode</td>
<td>Switches the talking method between hands-free mode and phone mode.</td>
</tr>
<tr>
<td>Waiting</td>
<td>Hold the current call when receiving another incoming call while talking.</td>
</tr>
</tbody>
</table>

*1 Available only for USB device operations.
*2 Available only for Bluetooth audio device operations.
*3 Available only for iPod/iPhone operations.
### References

### <Settings> screen operations

<table>
<thead>
<tr>
<th>Voice commands</th>
<th>Operations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Settings</td>
<td>Displays the setting items.</td>
</tr>
<tr>
<td>Settings Phone</td>
<td>Selects the registered Bluetooth mobile phone to connect.</td>
</tr>
<tr>
<td>Settings Select</td>
<td>Selects the registered Bluetooth audio device to connect.</td>
</tr>
<tr>
<td>Bluetooth Audio</td>
<td></td>
</tr>
<tr>
<td>Settings Phone</td>
<td>Activates/deactivates the mobile phone security.</td>
</tr>
</tbody>
</table>

### Error message list

If an error occurs while using the product, a message is displayed. Take appropriate action according to the following message/remedy/cause list.

**“An error has occurred in the connection to the vehicle. Contact your dealer for inspection.”**
- A connection error between the product and the vehicle is detected. Contact your Mitsubishi Motors Dealer.

**“An error has occurred with the GPS antenna. Contact your dealer for inspection.”**
- The GPS antenna is not connected or the connection is loose. Contact your Mitsubishi Motors Dealer.

**“The microphone has a bad connection. Contact your dealer for inspection.”**
- No microphone is connected or the connection is loose. Contact your Mitsubishi Motors Dealer.

### Troubleshooting

What appears to be trouble is not always serious. Check the following points before calling your Mitsubishi Motors Dealer.
- For operations with the external components, refer also to the instructions supplied with the adapters used for connection (as well as the instructions supplied with the external components).

#### General

- **No sound comes out of the speakers.**
  - Adjust the volume to the optimum level.

- **The screen blanks.**
  - Turn on the screen. (Page 23)

- **The product does not work properly.**
  - Switch the power switch (or ignition) of the car off then on. If this does not work, contact your Mitsubishi Motors Dealer.

#### Bluetooth connection

- **The Bluetooth device does not detect the product.**
  - Turn off, then turn on the Bluetooth device.
  - Turn off, then turn on the product.


References

The product does not pair with the Bluetooth device.

- When the device is connected via USB cable, disconnect it.
- Turn off, then turn on the Bluetooth device.
- When the connected Bluetooth device is used for Android Auto, pairing is not allowed.

The device is disconnected automatically or the device cannot be connected.

- When iPhone compatible with CarPlay is connected to the USB input terminal, it cannot be connected via Bluetooth. Use the phone and audio player function on the CarPlay screen. (Page 26)
- When an Android phone compatible with Android Auto is connected to the USB input terminal, the device is connected via Bluetooth automatically, and the Bluetooth mobile phone currently connected is disconnected.

You forgot the passkey for the Bluetooth registration.

- Check the passkey on the <Unit Bluetooth Details> screen. (Page 19)

Apps (Apple CarPlay/Android Auto)

[Apple CarPlay] or [Android Auto] is not displayed on the <Home> screen.

- Check the connected device is compatible with CarPlay or Android Auto at the Inter Operability List: <http://www.iopinfo-sda.mitsubishi-motors.com/cs/bt/index.php>
- Check also the cable used is compatible with CarPlay or Android Auto.
- When iPhone is connected, check whether the cable is certified by Apple Inc.
- Disconnect the device, then connect it again.
- Check restriction function is activated for the connected iPhone.

App (such as map) does not work correctly.

- You cannot use some Apps when reception status of the connected device is poor. This is not a malfunction of the product.

Phone connected via Bluetooth

Phone sound quality is poor.

- Reduce the distance between the product and the Bluetooth mobile phone.
- Move the car to a place where you can get a better signal reception.

iPod/iPhone

No sound comes out of the speakers.

- Disconnect iPod/iPhone from the USB input terminal, then connect it again.
- Select another source, then select [iPod] again.

iPod/iPhone does not turn on or does not work.

- Check the connecting cable and its connection.
- Update the firmware version.
- Charge the battery.
- Reset iPod/iPhone.

Sound is distorted.

- Deactivate the equalizer on iPod/iPhone and select [Normal] for <Music Type>. (Page 75)

A lot of noise is generated.

- Turn off (uncheck) “VoiceOver” on iPod/iPhone.

No operations are available when playing back a track containing artwork.

- Operate the product after the artwork has been displayed.

USB

“Checking the file...” does not disappear from the screen.

- Disconnect then connect the USB device.

While playing a track, sound is sometimes interrupted.

- The files have not been properly recorded into the USB device. Record the files again, and try again.

Tracks are not played back as you have intended them to play.

- The playback order may differ depending on the USB device.
References

- **FM/AM**
  - Static noise while listening to the radio.
    - The antenna may not be connected or the connection may be loose. Contact your Mitsubishi Motors Dealer.
  - Digital reception is canceled.
    - When digital reception becomes poor, the reception automatically changes to analog reception.
    - When a “Live” broadcast starts, digital reception automatically changes to analog reception.

- **SiriusXM**
  - No channel can be received.
    - The antenna may not be connected or the connection may be loose. Contact your Mitsubishi Motors Dealer.

- **Bluetooth audio**
  - The connected audio player cannot be controlled.
    - Check whether the connected audio player supports AVRCP (Audio Video Remote Control Profile).
  - The sound is interrupted or skipped while using a Bluetooth audio player.
    - Reduce the distance between the product and the Bluetooth audio player.
    - Disconnect the device connected for Bluetooth phone.
    - Turn off, then turn on the product.
      - When the sound is not yet restored, connect the player again.

- **HDMI**
  - Only for the car equipped with the HDMI input terminal:
    - No video is shown on the screen.
      - While driving, no video is shown. You can only listen to the sounds.
      - Disconnect then connect the HDMI device.
      - Turn on the HDMI device.
      - Connect the HDMI device correctly.

Specifications

- **Monitor section**
  - Picture Size: 6.95 inches (diagonal) wide
    - 156.6 mm (H) × 81.6 mm (V)
  - Display System: Transparent TN LCD panel
  - Drive System: TFT active matrix system
  - Number of Pixels: 1,152,000 (800H × 480V × RGB)
  - Pixel Arrangement: RGB striped arrangement
  - Back Lighting: LED

- **Bluetooth section**
  - Technology: Bluetooth 3.0 + EDR
  - Frequency: 2.402 GHz to 2.480 GHz
  - Output Power: +1 dBm ±1 dB (AVE), Power Class 2
  - Maximum Communication Range: Line of sight approx. 10 m
  - Audio Codec: SBC/AAC/MP3
  - Profile: Object Push Profile (OPP), HFP (Hands-Free Profile), PBAP (Phone Book Access Profile), A2DP (Advanced Audio Distribution Profile), AVRCP (Audio/Video Remote Control Profile)
## USB interface section
- **USB Standard**: USB 2.0 High Speed
- **File System**: FAT 16/32
- **Maximum Power Supply Current**: DC 5 V ± 1 A
- **D/A Converter**: 32 bit
- **Audio Decoder**: MP3/WMA/AAC/FLAC/Vorbis/WAV

## FM tuner section
- **Frequency Range (200 kHz)**: 87.75 MHz to 107.9 MHz
- **Usable Sensitivity**:
  - Digital: –90 dBm
  - Analog (S/N: 30 dB): 6.2 dBf (0.56 μV/75 Ω)

## AM tuner section
- **Frequency Range (10 kHz)**: 530 kHz to 1 710 kHz
- **Usable Sensitivity**:
  - Digital: –99 dBm
  - Analog (S/N: 20 dB): 28 dBμ

## SiriusXM tuner section
- **Frequency Range**: 2333.465 MHz to 2344.045 MHz
- **Dynamic Range**:
  - Satellite 1.2: –94.0 dBm
  - Terrestrial: –90.0 dBm

## HDMI interface section
- **Connector Type**: TYPE-E
- **HDMI Standard**: HDMI 1.4

## Audio section
- **Maximum Power (Front & Rear)**: 35 W × 4 (at 14.4 V)
- **Power Output**: Full Bandwidth Power (at less than 1%THD) 24 W × 4
- **External Audio Max Input Level**: 1 Vrms/100 kΩ
- **Speaker Impedance**: 4 Ω

## General
- **Operating Voltage**: 13.2 V (10 V to 16 V allowable)
- **Maximum Current Consumption**: 10 A
- **Installation Dimensions (W × H × D)**: 209.5 mm × 108.0 mm × 158.2 mm
- **Operational Temperature Range**: –30°C to +70°C
- **Weight**: 1.92 kg

Design and specifications are subject to change without notice.
References

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References

FCC WARNING
This equipment may generate or use radio frequency energy. Changes or modifications to this equipment may cause harmful interference unless the modifications are expressly approved in the instruction manual. The user could lose the authority to operate this equipment if an unauthorized change or modification is made.

FCC NOTE
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment may cause harmful interference to radio communications, if it is not installed and used in accordance with the instructions. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

IC (Industry Canada) Notice
This device complies with Industry Canada’s license-exempt RSSs. Operation is subject to the following two conditions:

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

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

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

The term "IC: “ before the certification/registration number only signifies that the Industry Canada technical specification were met.

CAUTION
This equipment complies with FCC/IC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines and RSS-102 of the IC radio frequency (RF) Exposure rules. This equipment has very low levels of RF energy that is deemed to comply without maximum permissible exposure evaluation (MPE). But it is desirable that it should be installed and operated keeping the radiator at least 20 cm or more away from person’s body.

Cet équipement est conforme aux limites d’exposition aux rayonnements énoncées pour un environnement non contrôlé et respecte les règles les radioélectriques (RF) de la FCC lignes directrices d’exposition et d’exposition aux fréquences radioélectriques (RF) CNR-102 de l’IC. Cet équipement émet une énergie RF très faible qui est considérée comme conforme sans évaluation de l’exposition maximale autorisée (MPE). Cependant, il est souhaitable qu’il devrait être installé et utilisé en gardant une distance de 20 cm ou plus entre le radiateur et le corps humain.

Para cumplimiento de la IFETEL
La operación de este equipo está sujeta a las siguientes dos condiciones: (1) es posible que este equipo o dispositivo no cause interferencia perjudicial y (2) este equipo o dispositivo debe aceptar cualquier interferencia, incluyendo la que pueda causar su operación no deseada.

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