



OWNER'S MANUAL

Display Audio

Safety Information

Read this manual carefully before using this product.
Keep this manual in the car to avoid losing it. When transferring this product to another party, be sure to include this manual.

For safe use of this product, the following symbols are used in this manual to indicate items to be observed.

	Warning	Describes items that will cause accidents resulting in death or serious injury unless observed.
	Caution	Describes items that may cause accidents, personal injury or damage to the vehicle unless observed.
	Notes	Describes items that you should be aware of when using the product to ensure safety and comfort.

For safety

 Warning	● The driver should neither watch the display nor operate the system while driving. Watching the display or operating the system will distract the driver from looking ahead of the vehicle and can cause accidents. Always stop the vehicle in a safe location and use the parking brake before watching the display or operating the system.
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- **Always comply with the indicated instructions when installing, removing or wiring the unit.**
Inappropriate installation or wiring may result in malfunction of the unit or vehicle fire. For safety reasons, please contact the place of purchase for advice on installation and removal of the unit.
- **Use the proper power supply.**
This product is designed for operation with a negative grounded 12 V DC battery system. Never operate this product with other battery systems, especially a 24 V DC battery system.
- **Keep batteries and insulation film out of reach of infants.**
Batteries and insulation film can be ingested, so keep them out of the reach of infants. If an infant ingests a battery or insulation film, please seek immediate medical attention.
- **Do not disassemble or modify the unit.**
Do not disassemble or modify the unit or attempt to repair the product yourself. If the product needs to be repaired, consult your dealer.
- **Do not use the unit when it is out of order.**
If the unit is out of order (no power, no sound) or in an abnormal state (has foreign objects in it, is exposed to water, is smoking, or smells strange), turn it off immediately and consult your dealer.
- **Refer fuse replacement to qualified service personnel.**
When the fuse blows out, eliminate the cause and have it replaced with the fuse prescribed for this unit by a qualified service engineer. Incorrect replacement of the fuse may lead to smoke, fire, and damage to the product.

● Before Using a Portable Audio Device



Warning



SRS airbag compartments



Connection cable

- Do not place the connected portable audio device or connection cable in a location where it will prevent the SRS airbag from deploying. The SRS airbag may not operate correctly or the portable audio device may be thrown outward by the deploying airbag, which may result in serious injury or death.

* Refer to the owner's manual for your car regarding the position from which the SRS airbag deploys.

- Place or temporarily secure the portable audio device and connection cable where they will not interfere with the driver when driving. Otherwise, they may interfere with driving or cause a traffic accident.

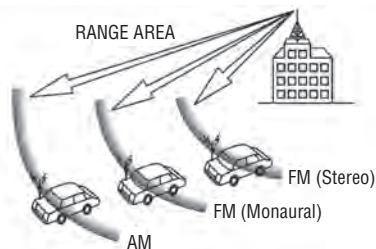


Caution

- **Keep the sound volume at an appropriate level.**
Keep the volume level low enough to be aware of road and traffic conditions while driving.
- **This unit is designed for use exclusively in automobiles.**
- **Do not operate the unit for a prolonged period with the engine turned off.**
Operating the audio system for a long period of time with the engine turned off will drain the battery.
- **Do not expose the unit to direct sunlight or excessive heat.**
Doing so will raise the interior temperature of the unit, and it may lead to smoke, fire, or other damage to the unit.
- **Do not use the product where it is exposed to water, moisture, or dust.**
Exposure of the unit to water, moisture, or dust may lead to smoke, fire, or other damage to the unit. Make especially sure that the unit does not get wet in car washes or on rainy days.
- **Do not turn off the power until the program reading process has been completed.**
If the connection to the battery is cut or the voltage is reduced, the program being downloaded to this unit will be deleted. If this happens, the program will be downloaded again while the Opening Screen is displayed when restarting the unit. Please wait until the program reading process is completed.
If the power is turned off during the program reading process, unexpected damage may occur such as inability of the audio function to start.
- **Do not turn the power off during user version update.**
- **Do not touch or hold the display while turning on the power until the caution screen shows on the display.**

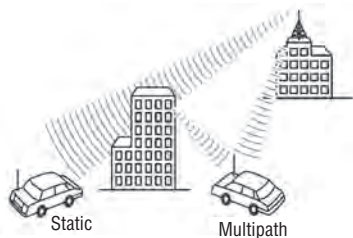
Notes on Use

Radio

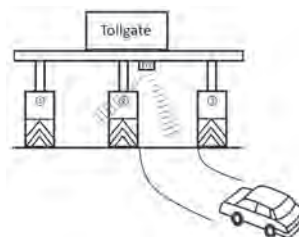


The antenna should be adjusted for best reception. Usually, a shorter antenna length is better in cities, while a fully extended antenna is best for distant reception. Always retract the antenna before using an automatic car wash.

About FM Radio Reception



When listening to FM broadcasts in a moving vehicle, the reception conditions constantly change due to buildings, terrain, distance from the transmitter and noise from other vehicles. The phenomena of FM reception shown in Notes are normal and do not indicate a problem with the radio itself.



Wireless

When a smartphone is connected via Wireless and close to an electronic toll collection (ETC) checkpoint, the Display Audio and the smartphone may be temporarily disconnected due to interference.



Notes

- **Fading and drifting:** The range of FM is about 25 miles (40 km), except for some high-power stations. If the vehicle moves away from the transmitter, the signal tends to fade out and/or drift. This is common to FM broadcasting and might be accompanied by distortion. Fading and drifting can be minimized by tuning to a stronger signal.
- **Static and flutter:** When the line-of-sight link between the transmitter and vehicle is blocked by large buildings or the like, the broadcast sound may be accompanied by static or flutter. You may also experience fluttering while driving along a tree-lined road. The effects of static and fluttering on the sound can be reduced by decreasing treble.
- **Multipath:** Due to the reflection characteristics of FM signals, direct and reflected signals may reach the antenna simultaneously (this is called multipath) and cancel each other. As the vehicle moves through such a spot, a momentary flutter or loss of reception may occur.
- **Station swapping:** When two FM stations are located close to each other in the frequency spectrum and the current signal is interrupted by an electronic dead spot caused by static or multipath, the stronger signal may automatically be selected until the original signal returns. Station swapping can also occur as the vehicle moves away from a station and towards another with a stronger signal.



Notes

● Condensation

The touch panel in this unit may have condensation and not operate properly after the heater is turned on inside the vehicle in low temperatures, etc. In such cases, leave the unit as it is for about an hour. The condensation will dissipate and the unit will operate properly. If the unit does not operate properly even after several hours, contact your local distributor.

● Irregularity in the display

When switching buttons or turning the ignition key to ON in low temperatures, the LCD backlight may become irregular or the display may become darker. This is a characteristic of LCD backlights.

- Please press the screen lightly. Otherwise, images may be blurred/distorted.



Notes

- This unit utilizes a precision mechanism; therefore, static, electronic noise or vibration may cause the data you have saved to be deleted. Keep note of the data you have saved on this unit.
- Please note that the following cases are not covered by warranty.
 - ① The data you have saved on this unit is changed or deleted due to a failure, malfunction or defect of the unit or the effect of electronic noise on the unit.
 - ② The data you have saved on this unit is changed or deleted due to your or a third party's improper use.
 - ③ The data you have saved on this unit is changed or deleted while this unit is being repaired.
- Depending on the position of the GNSS antenna, reception of GNSS satellite signals might not be possible (for example, in multistory parking, underground parking etc.).

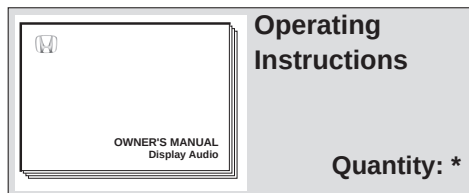
- Consult your dealer about upgrade options.

- The screens in this document may be different from the actual screens on the unit. Please also note that the contents of this document may not match the actual product due to changes in specifications.

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Accessories



Remark: * Quantity differs by country.

Before Using This Device

- **This precision mechanical device should be handled carefully.**

Please avoid using this device at extremely high or low temperatures, which can cause malfunction or failure.

Metal objects and liquids should not be allowed to come into contact with the device, and hard shocks can damage it.

- **Cleaning the Unit**

- <Cleaning the Unit>

- Do not use benzene or thinner for cleaning the unit, as those can damage the case and the paint.
 - If you use a chemical wiping cloth, follow the instructions carefully.

- <Cleaning the Display>

- To clean the display, wipe it carefully using a soft, dry cloth, such as those used for cleaning plastic eyeglass lenses.
 - Rubbing the display with a rough cloth can scratch the surface. The liquid crystal display screen is coated. Use of benzene or alkaline solutions on the display can damage it.

Power-on Operation

The audio function of this device is automatically turned on when turning on the car engine. Turning off the car engine automatically turns off the power.



- (1) Press the engine start button or switch the ignition key to ON or ACC.

- The audio is turned on.



- The operating screen appears.



- The caution screen appears.

- (2) Read the screen warning message, then touch **OK**.



Note

To change the language, press the [Language] Button.



- The audio screen appears.
- The screen displayed depends on the mode the previous time the power was turned off (ACC OFF).

Controls Layout

This device is operated by pressing the buttons on the panel, or by touching the screen.



● Operation buttons

① Home

Press this button to display the Home screen in any mode.

② Back

Returns to the previously displayed screen. Press and hold this button to display the setting screen.

③ Volume Up

Press this button to increase the volume one level or cancel muting. Press and hold this button to continue increasing the volume.

④ Volume Down

Press this button to decrease the volume one level or cancel muting. Press and hold this button to continue decreasing the volume.

⑤ Power

Press this button to mute the audio or press and hold this button to turn off the screen and turn off the audio.

⑥ Touch screen display

By touching the screen with your finger, you can control the selected functions.



Note

③ **Volume Up** and ④ **Volume Down** buttons can operate when any audio mode is playing back in the background source.



Notes

- Do not connect any device other than an iPod, smartphone, or USB memory device to the USB terminal. Devices connected through a USB hub will not work with the unit.
- If you switch off the power source of the portable audio device while viewing/listening to the portable audio device, noise is generated and may cause speaker damage. Switch off the portable audio after turning the unit's power off or switching it to another mode.
- Each device has a different output level. Be sure that the volume is not too high.
- If the input volume of the connected device is high, distortion may result. In such cases, adjust the volume on the connected device.
- If the volume of the portable audio device connected to this unit has been changed, change back the volume level after disconnecting the device from this unit.

● Common screen operations

● Touch screen operations

To perform operations on the screen, you can touch, touch and hold, flick or swipe to select an item, display a menu screen, 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 a message is displayed.



Flick

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



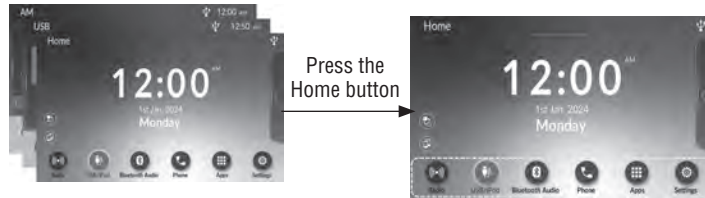
Swipe

Slide your finger up or down on the screen to scroll the screen.

Home Button Operation

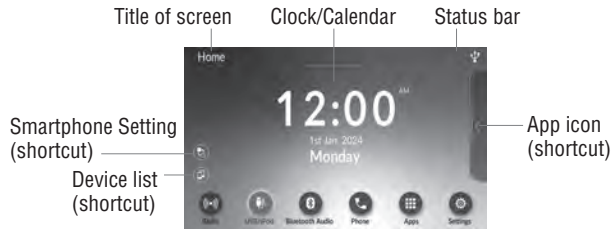
● Home Button Operation

Press the Home button to display the Home screen.



● Home Screen

You can access various functions from the Home screen.



Home Screen Icons/Buttons and Indications:

- **Title of screen**
Indicates the current screen name.
- **Clock/Calendar**
Displays the time and date.
- **Status Bar**
Displays indicators.
- **App icon (shortcut)**
Shortcut for playback source.
- **Device List (shortcut)**
Shortcut for device list.
- **Smartphone Setting (shortcut)**
Shortcut for smartphone setting.



Notes

- This function is not available when you are viewing the Rearview Camera image or/and using the Bluetooth® hands-free system functions.
- Press the Power button to mute the audio.
- Press and hold the Power button to turn off the media (Audio off screen).

● Status Bar

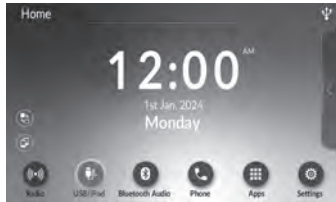
The Status Bar displays indicators and time. Details of each indicator icon and meaning are shown in the table below.

Indicator	Name	Function
	USB mark	Indicates USB/iPod connection
	Overcurrent on USB	Overcurrent on USB Port
	BT signal strength	Indicates BT-HF (Bluetooth®-Handsfree) signal strength of connected phone
	Call prohibition	Indicates BT-HF (Bluetooth®-Handsfree) call function prohibition status
	Battery capacity mark	Indicates battery level of connected BT-HF (Bluetooth®- Handsfree) phone
	BT mark	Indicates Bluetooth® connection
	Clock	Clock displayed for screens other than the Home screen
	Remote application	Indicates status of remote application connection via Bluetooth® connection
	Traffic announcement	Traffic information broadcast signal
	Traffic program	Detecting traffic announcement signal program
	DAB signal strength	Strength of connection to DAB digital radio signal

Switching Audio Sources

1 How to Switch Audio Source

You can switch audio sources using the shortcuts for each audio source.



From the Home screen.

- **Radio** Switches to FM/AM radio.
- **USB/iPod** Switches to USB memory or iPod.
- **Bluetooth Audio** Switches to Bluetooth® audio.
- **Phone** Switches to Bluetooth® Handsfree phone.
- **Apps** Switches to Smartphone connectivity.
- **Settings** Switches to Settings.



From the Shortcut in each Audio Source.

- **Radio** Switches to FM/AM radio.
- **USB/iPod** Switches to USB memory or iPod.
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- **Phone** Switches to Bluetooth® Handsfree phone.
- **Apps** Switches to Smartphone connectivity.
- **Settings** Switches to Settings.



Note

The Apps icon will change according to the source connected to.

● Supported character codes

This unit supports the following character codes.

Character codes other than the following might not be correctly displayed.

Function	Items	Supported character codes
USB Memory	File / Folder name	ISO8859-1
		UNICODE (UTF-8)
		UNICODE (UTF-16)
	Artist name (ID3 Tag Ver.1.x)	ISO8859-1
	Artist name (ID3 Tag Ver.2.x)	ISO8859-1
		UNICODE (UTF-8)
		UNICODE (UTF-16)
	Artist name (WMA Tag)	UNICODE (UTF-16)
iPod	Playlist / Artist / Album / Song / Podcast / Audiobook / Genre / Composer name	UNICODE (UTF-8)
Bluetooth® Audio Hands-free	Track / Album / Artist name	UNICODE (UTF-8)
		ISO8859-1
		UNICODE (UTF-8)
	Name / Number	UNICODE (UTF-16)

*ISO8859-1 (English), ISO8859-15 (Bahasa)

2 Conditions for Operating the Audio

The features of this unit can or may not be operated depending on the following conditions, including whether the engine is turned on or not.

Ignition key		Audio	USB (Video)
OFF		Disabled	Disabled
ACC		Enabled	Enabled (Only when the parking brake is on)
ON	The vehicle is parked	Enabled	Enabled (Only when the parking brake is on)
	The vehicle is moving	Enabled	Only audio (Only audio is available for safety reasons)

Engine start-stop button		Audio	USB (Video)
START ENGINE	The vehicle is parked	Enabled	Enabled (Only when the parking brake is on)
	The vehicle is moving		Only Audio (Only audio is available for safety reasons)
STOP ENGINE		Disabled	Disabled



Caution

Make sure the battery does not run down when the ignition key is left at the ACC position.

Avoid using this unit for long periods of time when the engine is not running. The battery will run down and the engine will not start.



Note

While the vehicle is moving, some touch switches will be deactivated, which is depicted by dimming the switch icon. No operation will be executed even if they are touched.

Touch Switches and Using Lists



Touch Switches
These are operated by touching the switches displayed on the screen.

1 Touch Switches

- Hold the switch on the operation screen until you hear the beep sound.
- Touch the switches softly to protect the screen from damage.
- If the function does not work, release your finger from the screen, and then touch it again.
- Disabled touch switches are displayed dimmed.
- Some of the switches are highlighted when they are touched.
- To go back to the previous screen, touch the switch.

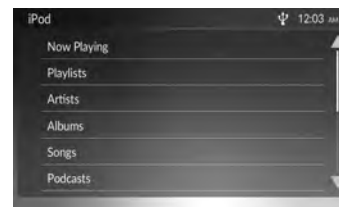
<Notation of touch switches in this manual>

- The touch switches are shown as follows in this manual.
(Example)



You can switch to different list pages or change which list names are displayed.

2 Using the Folder List and File List



- (1) Touching or moves up or down one page of the list.
- (2) Swiping up or down on the touch panel to scroll the list.



Radio

AM or FM1 or FM2 radio can be received and played.

Title of Current
Source

Seek Up/Seek Down

Tune Up/Tune Down

Preset Channel
Switches



Preset Channel
Number
Band Switch
Scan Switch
Frequency Bar
Frequency Scale

Title of Current
Source

Seek Up/Seek Down

Tune Up/Tune Down

Preset Channel
Switches



Preset Channel
Number
Band Switch
Scan Switch
RDS Setting

Enter the Radio screen by touching the **Radio** button on the Home screen
(⇒ Page 6).

- Touch **AM.FM** on the Radio screen to switch the radio band in the following order FM1 → FM2 → AM → FM1... (default is FM1).

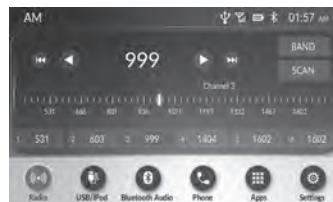


Note

RDS function not available on all models.

1 Selecting a Station

Tune in to the desired station using one of the following methods.



● Preset tuning

Touch one of the Preset Channel switches to select the desired station.
The screen switch is highlighted and the station frequency appears on the screen.

● Manual tuning

- Search for a desired radio station by touching Frequency Scale, or drag the Frequency Bar.
- Press on **◀ ▶** to manually Tune Down/Up.
- Press and hold **◀ ▶** to Fast Tune Down/Up.

● Seek tuning

The radio will begin seeking for a station of the nearest frequency and it will stop when a station is found.

- Press on **◀▶▶ ▶▶** to Seek Down/Up.
- Press and hold **◀▶▶ ▶▶** to Fast Seek Down/Up.

● Scan

Touch the **SCAN** switch. Radio stations are searched and played one by one for 5 seconds each. If you touch the **SCAN** switch again while receiving a station, it will remain at that station.

2 Presetting Stations



- (1) Tune in to the desired station.
 - (2) Touch one of the channel selector switches (1-6) and hold it until a beep is heard. This sets the current frequency to the screen switch. The station's frequency will be displayed in the screen switch.
- To change the preset station to a different one, follow the same procedure.

USB Memory

● Connecting USB Memory



(1) Connect USB memory.



Notes



This USB port is for playing USB memory device files, connecting cell phones, and charging devices.

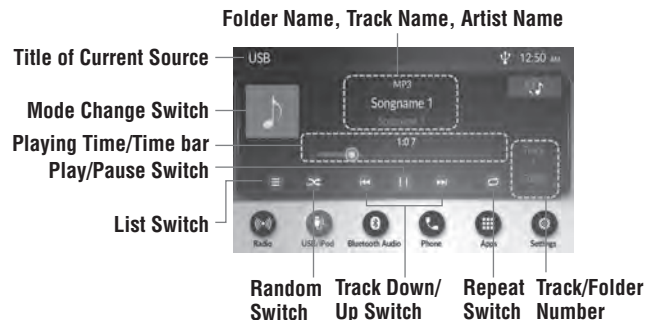


Notes

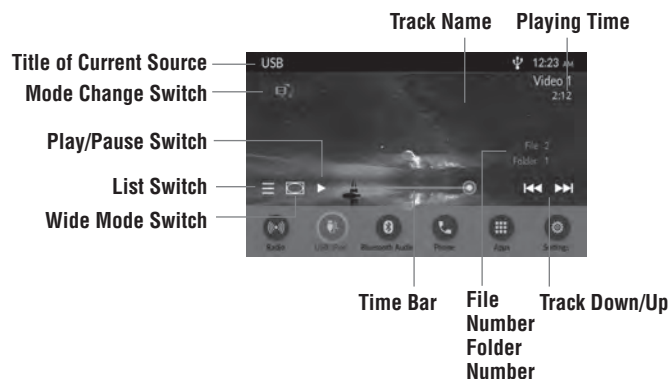
- Connections cannot be made via a USB hub or portable HDD.
- Refer to “Media and Data that Can be Used on the Audio System” for details on supported file formats (➡ Page 65).
- Music and video files that are not described in “Media and Data that Can be Used on the Audio System” (➡ Page 65) cannot be played.

USB Memory Device Operation Screen

● USB Music Screen



● USB Video Screen



1 Playing Media from USB memory



- (1) Touch **USB/iPod** on the Home screen (➡ Page 6).

- The audio system turns on in the previously used mode.



- (2) Touch  on the USB-Music screen to change to USB-Video mode.

- Touch  on the USB-Video screen to change to USB screen.



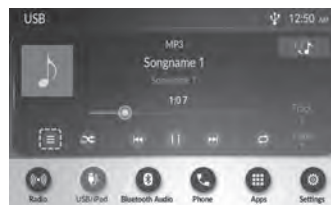
Note

The USB memory is disabled when Wireless Apple CarPlay, Wireless Android Auto™ or Wireless WebLink is active.

2 Selecting a Folder/File

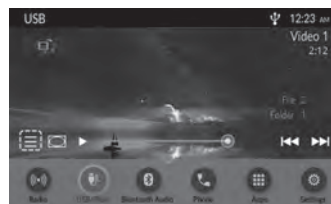
The folder you want to use can be selected from USB memory.

● Selecting on the Folder/File List screen

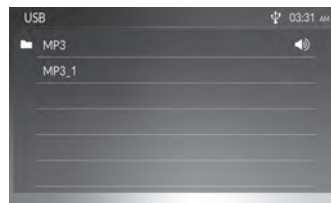


- (1) Touch  on the USB-Music operation screen.

- The Folder List Screen is displayed.



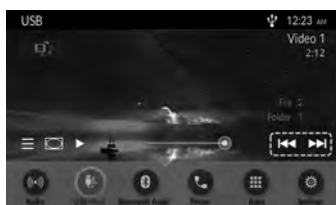
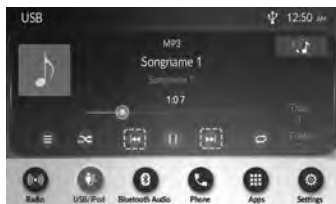
- OR Touch  in the USB-Video operation screen.



- (2) Touch the folder (list) that you want to listen to.
- The File List Screen is displayed.



● Selecting by the touch switches



(3) Touch the file (list).

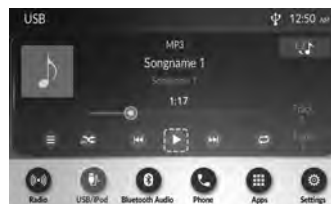
- Playback of the selected file starts.

(1) Touch the   switches.

- Touch the  switch to go to the next file.
- Touch the  switch to go to the beginning of file.
- Touch the  switch to go to the previous file, if the current file has not yet been played for 1 second.

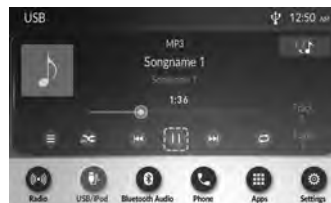
3 Pause and Playback

● Playback



- (1) Touch  on the USB memory operation screen (➡ Page 11).
- The screen displays  while playing.

● Pausing



- (1) Touch  on the USB memory operation screen (➡ Page 11).
- The screen displays  while paused.
 - Touch  to play back.

4 Fast-Forwarding and Fast-Rewinding



- (1) Touch the switches.
- Hold the switch to fast forward.
 - Hold the switch to rewind.

5 Random and Repeat



- Touch the [Random] or [Repeat] switches on USB-Music screen.

The [Random] and [Repeat] switches will change as shown in the table to the right.



Note

Repeat operation :

[Repeat All] → [Repeat 1 Folder] → [Repeat 1 File] → (back to) [Repeat All].

Random operation :

[Random OFF] → [Random ON] → [Random 1 Folder] → (back to) [Random OFF].

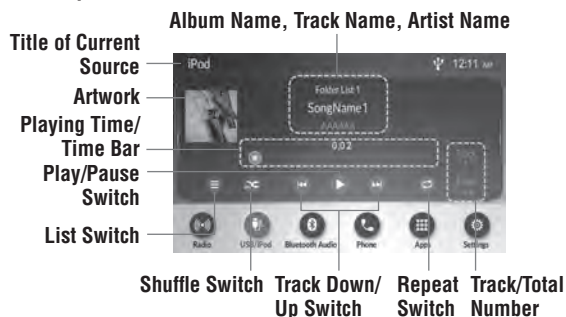
Switch	Name	Function
	Random OFF	The files in play without random mode.
	Random ON	The files in all the folders of the USB device will be selected at random and played.
	Random 1 Folder	The files in the currently playing folder will be selected at random and played.
	Repeat ALL	Repeats all playable files on the USB device.
	Repeat 1 Folder	Repeats all playable files in the currently playing folder.
	Repeat 1 File	Repeats the current file.

6 Wide Mode Switching

Switch	Name	Function
	Zoom (default)	Stretches the video with its original aspect ratio, until the video fulfills the entire screen. It may crop some parts of the picture.
	Normal	Displays in the original aspect ratio fitting by width or height.
	Full	Stretches the video evenly across the entire screen.

iPod Operation

● iPod Operation Screen



(1) Touch **USB/iPod** on the Home screen (➡ Page 3).

Notes

- This system has a charging function for iPods.
- When the battery level of an iPod is very low, the iPod may not operate. If battery level is low, charge the iPod before use.
- Depending on the iPod that is connected to the system, certain functions may not be available. If a function is unavailable due to a malfunction, disconnecting the iPod and reconnecting it may resolve the problem.
- To connect to this system, please use an official Lightning cable.



Caution

- Do not connect an iPod or operate the device controls while driving.
- Do not leave the iPod in the car. In particular, high temperatures inside the vehicle may damage the iPod.
- Do not push down on or apply unnecessary pressure to the iPod while it is connected as this may damage the iPod or its terminal.
- Do not insert foreign objects into the USB port as this may damage the iPod or its terminal.

1 Connecting an iPod



(1) Connect the iPod connection cable to the USB terminal.

- Turn on the power of the iPod if it is not turned on.
- Use a cable appropriate for your device to make a proper connection.

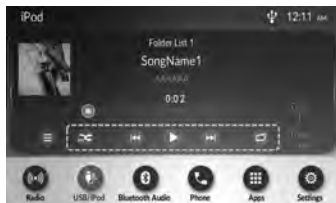


Notes



This USB port is for playing USB memory device files, connecting cell phones, and charging devices.

2 Playing an iPod

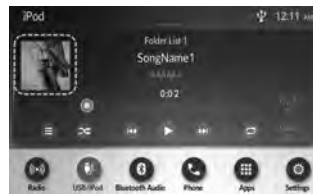


-  Touch to resume playing the music.
-  Touch to pause the music.
-  Touch to go to the next track.
Hold to fast-forward while the switch is being held.
Playback starts when the switch is released.
-  Touch to go to the head of song.
Touch to go to the previous song, if the current file has not yet been played for 1 second.
Hold to rewind while the switch is being held.
Playback starts when the switch is released.
-  Touch to switch the repeat mode.
-  Touch to switch the random mode.

● Selecting a Track

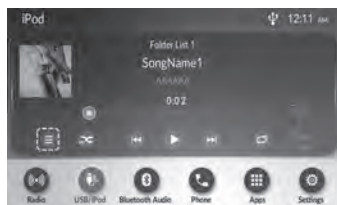
Touch the  or  switch to select a desired track.

● iPod Artwork

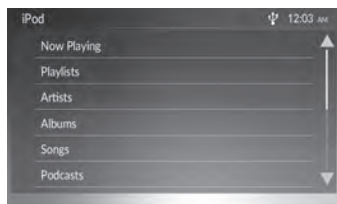


- (1) iPod artwork may be displayed on the screen depending on the iPod model and data stored on the iPod.

● Selecting a play mode or category



- (1) Touch  on the iPod basic operation screen.



- (2) The list within the selected play mode such as Playlists, Artists, Albums, Songs, Podcasts, Genres, Composers, Audiobooks or Shuffle Songs is displayed.



- (3) Select the desired song from the list.
- When a list is selected, the lists within the selected list are displayed. Continue selecting until a song list is displayed.
 - Playback starts when a song is selected from the list.

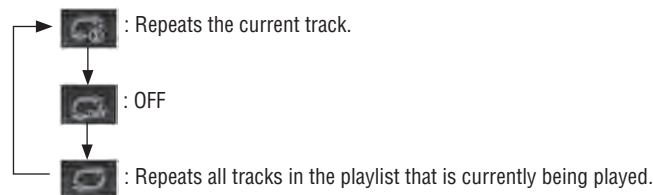
● Playing in Repeat and Shuffle

You can play back tracks using the repeat and shuffle playback modes.

<Repeat Mode>

Automatically repeats playback of the current track.

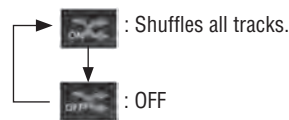
- The repeat mode changes as follows each time the screen switch is touched.



<Shuffle Mode>

Automatically shuffles all of the tracks on the iPod.

- The shuffle mode changes as follows each time the screen switch is touched.



Note

When a large number of songs are stored in an iPod, shuffle selection may take time.

3 Supported iPod models

Supported iPod models are shown below. This unit supports only the following iPod models. Older models can not be supported.

Made for

- iPod touch (7th generation)
- iPod touch (6th generation)
- iPod touch (5th generation)

Made for

- iPhone 8
- iPhone 8 Plus
- iPhone X
- iPhone XR
- iPhone XS
- iPhone XS Max
- iPhone 11
- iPhone 11 Pro
- iPhone 11 Pro Max
- iPhone SE (2nd generation)
- iPhone 12 mini
- iPhone 12
- iPhone 12 Pro
- iPhone 12 Pro Max
- iPhone 13 Mini
- iPhone 13
- iPhone 13 Pro
- iPhone 13 Pro Max
- iPhone 14
- iPhone 14 Plus
- iPhone 14 Pro
- iPhone 14 Pro Max
- iPhone 15
- iPhone 15 Plus
- iPhone 15 Pro
- iPhone 15 Pro Max



Notes

- Please note that models listed above may not be useable with this unit due to individual differences such as the specific model or software version.
- See the Apple website for details on how to update iPod software.
- 4th generation and earlier iPods are not compatible with this unit.
- iPad, iPod mini, iPod shuffle and iPod photo are not compatible with this unit.
- This unit cannot play back video from an iPod.

For supported iPod models, please visit support website.

URL

http://microsite.panasonic.co.th/smartphone/honda/HONDA24M/compatible_models.html



- For some iPod models, the performance may be abnormal or unstable during operation. In this case, disconnect the iPod and check its condition. If the performance is not improved or slow, reset your iPod.
- When you turn on this unit, the iPod is charged through the unit.
- The text information may not be displayed correctly.

Bluetooth® Audio Operation

● Bluetooth®

The Bluetooth® audio system enables users to enjoy music played on a portable player from the vehicle speaker via wireless communication. This audio system supports Bluetooth®, a wireless data system capable of playing portable audio music without cables. If your portable player does not support Bluetooth®, the Bluetooth® audio system will not function.



Caution

- Do not operate the player's controls or connect to the Bluetooth® audio system while driving.
- Do not leave your portable audio player in the car. In particular, high temperatures inside the vehicle may damage the portable audio player.



Notes

- In the following conditions, the system may not function.
 - The portable audio player is turned off.
 - The portable audio player is not connected.
 - The portable audio player has a low battery.
- Depending on the portable audio player that is connected to the system, certain functions may not be available.
- It may take a long time to connect the Bluetooth® audio system and mobile phone.
- Some Bluetooth® devices (below Bluetooth® 2.0) may not connect to this unit depending on the Bluetooth® version of the device.
- This unit may not work for some Bluetooth® devices.
- Connecting conditions may vary depending on your environment.

- Portable audio players must correspond to the following specifications in order to be connected to the Bluetooth® audio system. However, please note that some functions may be limited depending on the type of portable audio player.

● Bluetooth® Specification

Ver.1.1 or higher (Recommended: Ver.4.2 or higher)

● Profile

A2DP (Advanced Audio Distribution Profile) Ver.1.0 or higher (Recommended: Ver.1.3 or higher)

This is a profile to transmit stereo audio or high-quality sound to speakers.

AVRCP (Audio/Video Remote Control Profile) Ver.1.0 or higher (Recommended: Ver.1.6 or higher)

This is a profile to remote control A/V equipment.



Caution

- The frequency bands in which the unit is used are also utilized by, apart from chemical/medical equipment and devices such as microwave ovens, in-premises wireless stations for identifying mobile equipment used in a plant production line (wireless stations requiring a license), specified low-power wireless stations (wireless stations not requiring a license), and amateur wireless stations (wireless stations requiring a license) (hereinafter referred to as "other wireless stations"). Before using the unit, be sure to verify that no "other wireless stations" are being used in the vicinity of the unit. In the event that the unit causes harmful interference to "other wireless stations", move promptly to a position where this harmful interference is avoided.
- The unit is used at a frequency of 2.4GHz.
- The FH-SS modulation technique is adopted.
- The interference distance is hypothesized to be not more than 10m.
- The unit is able to be used across all frequency bands, which ensures the bandwidth of mobile equipment identifiers can be avoided.
- This telecommunication equipment conforms to the NTC technical requirement.

1 Switching to Bluetooth® Audio Mode



- (1) Touch **Bluetooth Audio** on the Home screen (➡ Page 6).
 - The audio system turns on in the previously used mode.



- (2) The Bluetooth® Audio screen (Bluetooth® Audio basic operation screen) will display when Bluetooth® audio is connected.

2 Connecting to Bluetooth® Audio

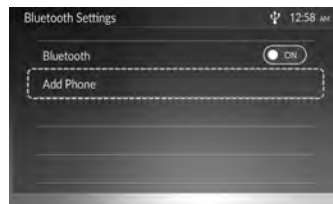
To use the Bluetooth® audio system, you need to pair your portable audio player to the system. Once you have paired it, you can enjoy your music on the vehicle's audio system.

● When a Bluetooth® Device is not Paired

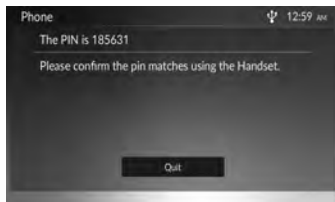
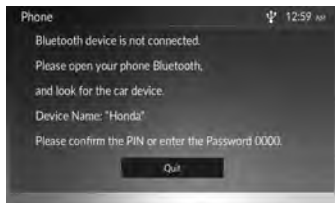
If you have not yet paired any Bluetooth® device, you must first pair it according to the following procedure.



- (1) Touch **Bluetooth Settings**.



- (2) Touch **Add Phone** to connect to the Bluetooth® device.
 - [Add Phone] cannot be selected while driving.
Please stop driving and turn the parking brake to ON.



- (3) When this screen is displayed, perform device discovery for "Honda" from your phone.
- (4) Enter the passcode displayed on the screen into your portable audio player. Then, touch **Pair** button on your device.

- A passcode is not required for SSP (Secure Simple Pairing) compatible Bluetooth® phones. Depending on the type of Bluetooth® phone being connected, a message confirming pairing may be displayed on the Bluetooth® phone's screen. Respond and operate the Bluetooth® phone according to the confirmation message.

- If you want to cancel pairing, touch **Cancel** on your device or **Quit** on the screen.

- (5) When the connection is successful, a screen similar to the one shown on the left is displayed.

- Once you have paired the device, the system automatically connects to your portable audio player device every time you start your vehicle.

- The portable audio player information is paired when the Bluetooth® audio system is connected. When you release possession of your vehicle, remove your portable audio player (See "Removing a Bluetooth® Device" ➡ Page 45).

● When a Bluetooth® Device is Paired

If you have paired other Bluetooth® devices, you can change the device connected and add a new device.



- (1) Touch **Add Phone** on the Bluetooth® Settings screen to add a new device.
 - You can add up to 5 devices.
 - Only one device can be connected at a time.

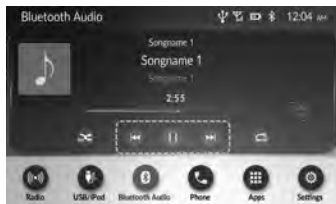


- (2) If you touch **Select Phone**, the Select Phone screen is shown.
 - Select the device you want to connect.

● Bluetooth® Settings screen

To change Bluetooth® settings, see "Bluetooth® Settings". (➡ Page 43)

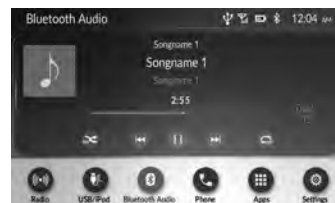
3 Playing a Bluetooth® Audio Player



- The title of the track and album currently being played will be displayed.
- Some titles and controls may not be displayed depending on the type of Bluetooth® portable audio player.

-  Touch to pause the track.
-  Touch to resume playing track.
-  Touch to go to the beginning of file.
Touch the switch to go to the previous file, if the current file has not yet been played for 1 second.
Hold to rewind while the switch is being held.
Playback starts when the switch is released.
-  Touch to go to the next track.
Hold to fast-forward while the switch is being held.
Playback starts when the switch is released.

● Status Display



Indicates the status of the Bluetooth® connection.

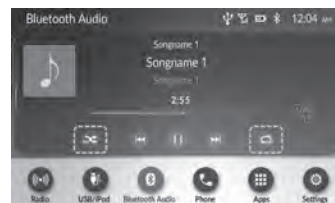
Indicator	Name	Function
	BT signal strength	Displays BT-HF (Bluetooth®-Handsfree) signal strength of connected phone
	Call prohibition	Displays BT-HF (Bluetooth®-Handsfree) call function prohibition status
	Battery capacity mark	Indicates battery level of connected BT-HF (Bluetooth®-Handsfree) phone
	BT mark	Indicates Bluetooth® connection

Note

An antenna for the Bluetooth® connection is built into in the display. The condition of the Bluetooth® connection may not be good and the system may not function when you use the portable audio player in the following conditions.

- Your portable audio player is hidden from display (behind the seat or in the glove box and console box).
- Your portable audio player touches or is covered with metal materials. Bluetooth Audio may not be controlled by steering switches and some information may not be displayed, depending on the music application.

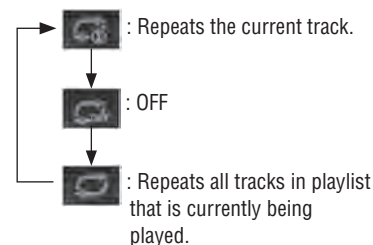
● Repeating and Playing in Random Order



<Repeat Mode>

Repeats playback of the current track.

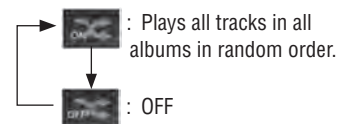
- The repeat mode changes as follows each time the screen switch is touched.



<Random Mode>

Tracks are selected by the unit at random for playback.

- The random mode changes as follows each time the screen switch is touched.



Camera

● Back Camera View

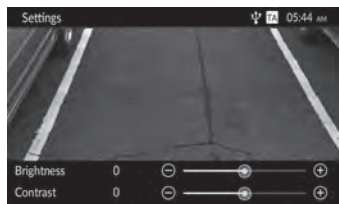
When the shift is moved to the REVERSE (R) position, the screen automatically switches to full screen back camera image. The back camera image is automatically reversed and displayed on the front screen.

Rear Camera Setting



Guide Line Switch

View Switch



Setting items

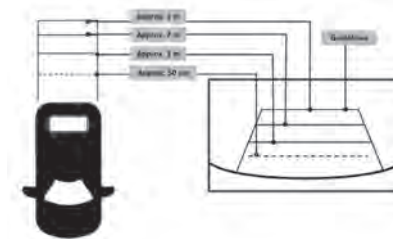
● Brightness	● Adjust the brightness of the camera screen.
● Contrast	● Adjust the contrast of the camera screen.

Images shown are for reference purposes, and actual images may vary according to the vehicle condition.

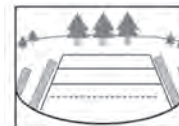
- (1) Display the back camera screen.
 - Touch the rear camera screen to display the button to set and to turn on/turn off the guide line.
- (2) Display the rear camera setting screen.
 - Touch the back camera screen to adjust the brightness and contrast.

Multi-View Rear Camera Display Area

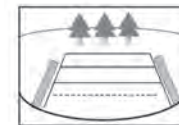
Press the icon on the touchscreen to change the view.



Wide View Mode



Normal View Mode



Top View Mode



You can view three different camera modes on the rearview display.

● Modes in the Display Audio

Touch the appropriate icon to switch the modes.



: Wide view mode



: Normal view mode



: Top down view mode



Notes

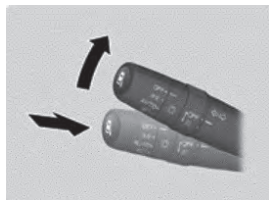
- Camera function not available on all models.
- If the camera lens is covered with dirt or moisture, use a soft, moist cloth to keep the lens clean and free of debris.

LaneWatch

LaneWatch is an assistance system that allows you to check the passenger side rear areas displayed on the audio/information screen when the turn signal is activated to the passenger's side. A camera in the passenger side door mirror monitors these areas and allows you to check for vehicles, in addition to your visual check and use of the passenger door mirror. You can also keep the system on for your convenience while driving.

Activating LaneWatch

Activate the right/left turn signal (depending on the driving side/country). The LaneWatch display appears. Check the display for blind spots, and visually confirm that it is safe to change lanes. You can also press the LaneWatch button on the end of the turn signal switch to view a constant real-time display. Press it again to turn the display off.



Note

If the camera lens is covered with dirt or moisture, use a soft, moist cloth to keep the lens clean and free of debris.

● LaneWatch view

When the turn switch is shifted to the LaneWatch position or you push LaneWatch switch, the screen automatically switches to full screen LaneWatch image.

LaneWatch Setting



- (1) Display the LaneWatch screen.
 - Touch the LaneWatch screen to display the  button.



- (2) Display the LaneWatch setting screen.
 - Touch the button to adjust the brightness and contrast.

Reference Lines

Three lines that appear on the screen can give you an idea of how far the vehicles or object on the screen are from your vehicle. If an object is near line 1 (in red), it indicates that it is close to your vehicle, whereas an object near line 3 is farther away.

Phone (Hands-Free System)



- (1) Touch **Phone** on the Home screen
(➡ Page 6).

Bluetooth® hands-free system allows you to make or receive a call without operating the smartphone directly.

This system supports Bluetooth®.

Bluetooth® is a wireless data system by which you can call without your smartphone being connected with a cable or placed on a cradle.

The operating procedure of the system is explained in this section.

- For how to pair a Bluetooth® phone, see “Connect a Bluetooth® Phone”
(➡ Page 31).



Caution

- Use a smartphone or connect the Bluetooth® phone only when safe and legal to do so.
- Do not leave your smartphone in the car. The temperature inside may be high and damage the phone.
- If the Bluetooth® phone is too close to the system, quality of the sound may deteriorate and connecting condition may deteriorate.



Note

For phonebook download, see “Phonebook Download” (➡ Page 46).



Notes

- If your smartphone does not support Bluetooth®, this system will not function.
- Depending on the smartphone models, some functions may be restricted.
- In the following conditions, the system may not function.
 - The smartphone is turned off.
 - The current position is outside the communication area.
 - The smartphone is not connected.
 - The smartphone has a low battery.
 - When outgoing calls are restricted due to heavy traffic on telephone lines, etc.
 - When the smartphone itself cannot be used.
 - When transferring the phonebook data from the smartphone.
- Even if your smartphone supports both hands-free and audio Bluetooth® connections, it may not be able to connect with the hands-free connection at the same time.
- When using Bluetooth® audio and hands-free at the same time, the following problems may occur.
 - The Bluetooth® connection may be cut.
 - Noise may be heard on the Bluetooth® audio playback.
- The Bluetooth® phone battery will be depleted quickly when it is connected to Bluetooth®.

- This system supports the following.
 - Bluetooth® Specification
 - Technology : Bluetooth® 4.2
 - Profile
 - HFP (Hands Free Profile) Ver. 1.7
 - A2DP (Advanced Audio Distribution Profile) Ver. 1.3
 - AVRCP (Audio/Video Remote Control Profile) Ver. 1.6
 - GAP (Generic Access Profile)
 - PBAP (Phone Book Access Profile) Ver. 1.2
 - SPP (Serial Port Profile) Ver. 1.2



Notes

- The other party's voice outputs from the front speaker. When the received calls or received voice outputs, the audio from the audio system will be muted.
- Take turns when talking with the other party on the phone. If you talk at the same time, your voices may not reach each other. (This is not a malfunction.)
- Keep the volume of receiving voice down. Otherwise, an echo will be heard and the receiving voice can be heard outside of the vehicle. When you talk on the phone, speak clearly towards the microphone.
- In the following situations, your voice may not reach the other party.
 - Driving on an unpaved road. (Due to traffic noise.)
 - Driving at high speed.
 - A window is open.
 - The sound of the air-conditioning fan is loud.
 - There is an effect from the smartphone network.

1 About the Phonebook in the System

The following data is stored for each registered phone. When another phone is connected, you cannot read the registered data.

- Phonebook data
- Call history data (Recent Call)



Note

When you delete the phone, the above mentioned data is also deleted.

2 When You Release Possession of Your Car

Much personal data is registered when you use the hands-free system. When you release possession your car, initialize your data.

You can initialize the following data in the system.

- Phonebook data
- Call history data
- Bluetooth® phone data



Note

If you initialize it, the previous state will never come back again. Be careful when initializing the data.

The data will be removed when the smartphone is disconnected.

3 Phone Status Display



- ① Indicates the condition of the Bluetooth® connection.
 Connected: Displayed
Not connected: Not displayed
- ② Indicates the amount of battery charge left.



- This is not displayed when the Bluetooth® phone is not connected.
- Depending on the type of Bluetooth® phone, remaining battery charge may not be displayed.
- The amount left shown may not always correspond to that of the Bluetooth® phone. This system does not have a charging function.

- ③ Indicates the level of reception.



- The level of reception does not always correspond with that of your smartphone.
- The level of reception may not be displayed depending on the phone you have.
- When you are out of the service area or in a place inaccessible by radio waves,  is displayed.



Notes

- An antenna for the Bluetooth® connection is built into the display.
- The condition of the Bluetooth® connection may not be good and the system may not function when you use the Bluetooth® phone in the following conditions.
 - Your Bluetooth® phone is hidden from the display (behind the seat or in the glove box or console box.)
 - Your Bluetooth® phone touches or is covered with metal materials.
- Leave the Bluetooth® phone in a place where the Bluetooth® sensitivity is good.

Connect a Bluetooth® Phone

To use the Bluetooth® hands-free system, you need connect your phone to the system. Once you have connected it, you can make hands-free calls.

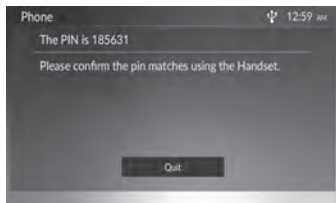
If you have not yet connected any Bluetooth® phones, you must first pair one according to the following procedure.

- Please see “Bluetooth® Settings” (➡ Page 43) for how to pair additional devices.



- (1) Touch **Phone** on the Home screen.

- (2) When this screen is displayed, perform a device discovery from your Bluetooth® phone.



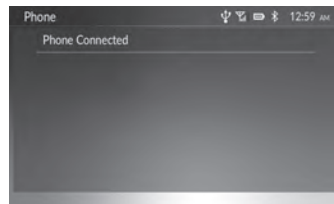
- (3) Confirm that the passcode displayed on the screen matches the one displayed on your phone.

- Touch **Pair** to continue.

- The pairing method differs depending on the Bluetooth® version of the device.
 - For devices with Bluetooth® 2.1: You can pair the device and the Display Audio using SSP (Secure Simple Pairing), which only requires confirmation.
 - For devices with Bluetooth® 2.0: You need to enter a PIN code both on the device and Display Audio for pairing.

- If you want to cancel pairing, touch **Cancel** on your device or **Quit** on the screen.

- If the Bluetooth® phone to be paired has a Bluetooth® audio function, this can be paired at the same time.



- (4) When the connection is completed, this screen is displayed.

- If the Bluetooth® is disconnected on purpose such as if you turned your Bluetooth® phone off, connection will not occur. Reconnect the Bluetooth® phone manually.



Note

For details on device discovery for your Bluetooth® phone, refer to the Bluetooth® phone's user's guide.

Pairing operation is available only when the vehicle is parked.

1 Selecting a Bluetooth® Phone

If you have paired other Bluetooth® devices, you can change the device connected and add a new device.



(1) Touch **Select Phone**.



(2) Touch the name of the Bluetooth® device to connect.

- The selection indicator is displayed on left side of the selected device name.
- The Bluetooth® mark is displayed when you have connected the device.



Note

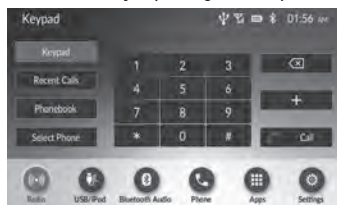
When you connect the phone while Bluetooth® audio is playing, the Bluetooth® audio will stop temporarily. It may take time for the phone connection to be made during Bluetooth® audio play. The audio may skip.

Call on the Bluetooth® Phone

After you pair a Bluetooth® phone, you can call using the Bluetooth® hands-free system.

1 By Dialing

You can call by inputting the telephone number.



(1) Enter a telephone number by touching number keys (0 - 9, *, #, +).

- Each time you touch , an inputted digit is deleted.

(2) Touch  .

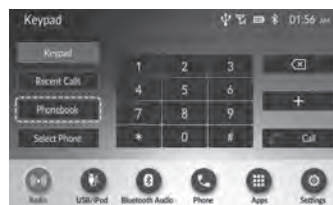


Note

The Select Phone function is not available when driving.

2 By Phonebook (Contacts)

You can make a call using the phonebook data transferred from your smartphone. The system has one phonebook for each phone. You can register up to 1,000 contacts in each phonebook.

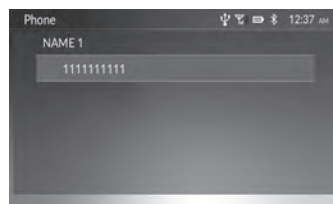


(1) Touch **Phonebook** .



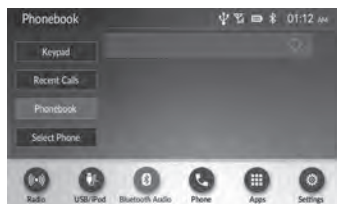
(2) Touch the desired data from the list.

- Touch on a name in the phonebook to make a call.



- Or touch  to show the phone number list, and touch the desired phone number to make a call.

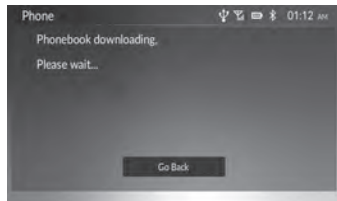
● When the Phonebook is Empty



(1) Touch **Phonebook**.

- If your phone does not support either PBAP or OPP service, you cannot transfer contacts.
- For phonebook download, see “Phonebook Download” (⇒ Page 46).

● When the Phonebook is Loading



(1) Wait a few seconds and touch **Phonebook** again.
OR
Touch **Go back** to return.



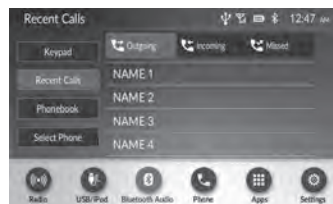
Note

When there is more than one phone number for a name, the maximum number of phone numbers that can be displayed for the name is three.

3 Recent Calls



(1) Touch **Recent Calls**.



(2) Touch the desired number to call.

You can make a call using the recent calls, for which there are the three functions below. (The last four calls for each function are displayed.)



Outgoing: Calls that you made



Incoming: Calls that you received



Missed: Calls that you missed

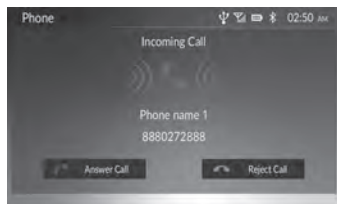


Notes

- When you call using the phonebook, the name (if registered) is displayed.
- When a telephone number registered in the phonebook is received, the name and the number are displayed.
- Number-withheld calls are also memorized in the system.
- International phone calls may not be made depending on your smartphone.

Receive on the Bluetooth® Phone

When you have an incoming call, this screen is displayed with a sound.



To answer the phone:

Touch  **Answer Call**.

To reject the call:

Touch  **Reject Call**.

To adjust the volume of the received call:

Touch “-” or “+” button.

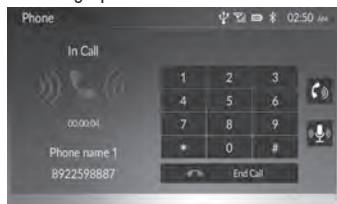


Notes

- With international calls, the other party's name may not be displayed correctly depending on your smartphone.
- If video from a mobile phone was being displayed, the display may remain the same.

Talk on the Bluetooth® Phone

While you are talking on the phone, this screen is displayed. You can perform the following operations on the screen.



To hang up the phone:

Touch End Call.

To mute your voice:

Touch .

To input with number keys:

Touch .

To switch the audio output:

Touch for hands-free mode or

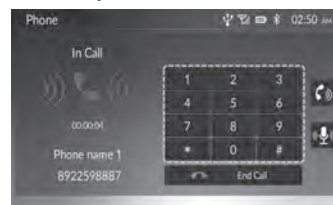
for handset mode.



Notes

- When you change from smartphone call to hands-free call, the hands-free screen will be displayed and you can perform operations on the screen.
- If video from a mobile phone was being displayed, the display may remain the same.

● When you Touch “0-9”



- (1) Enter a number by touching the number keys.

To hang up the phone:

Touch End Call.

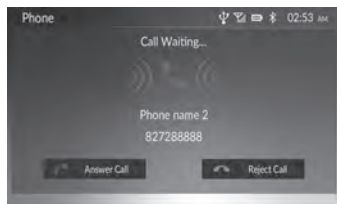


Note

- You can use this operation when you want to operate an answering machine or use a telephone service for a bank for example. You can register the phone number and the code number in the phonebook.

1 Call Waiting

When you receive a call from another party while talking, this screen is displayed.

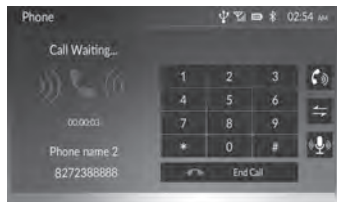


To answer the call:

Touch .

To reject the call:

Touch .



- Everytime you touch  while you have another call, you will switch between parties.



Notes

- Call waiting operation may differ depending on your phone company and smartphone.
- Call waiting may be unavailable depending on the details of your contract with the phone company.

Smartphone Linking

1 About Smartphone Linking

Smartphone Linking allows this Display Audio device to connect with a smartphone via USB cable or wireless connection. In connectivity mode, you can operate the smartphone applications from this device.

For how to use and supported smartphones, please visit the support website.
URL

<http://microsite.panasonic.co.th/smartphone/honda/HONDA24M/index.html>



Caution

- Do not connect a smartphone or operate the device controls while driving.
- Do not leave the smartphone in the car. In particular, high temperatures inside the vehicle may damage the smartphone.
- Do not push down on or apply unnecessary pressure to the smartphone memory while it is connected as this may damage the smartphone or its terminal.
- Do not insert foreign objects into the smartphone as this may damage the smartphone or its terminal.



Notes

- Application services may not be available due to the communication status, etc.
- Some application services may not be available in your area.
- When in connectivity mode after connecting the smartphone, do not operate the smartphone directly. In such cases, operation of the smartphone is not guaranteed.
- Do not use the Bluetooth® audio function and the Smartphone Linking cable function simultaneously using the same smartphone.
- The function can only operate applications.
- When connecting to a smartphone, application display may take time due to the data transfer rate of the smartphone.
- Smartphone application usage via wireless connection will prohibit all USB functions from being used, even if a USB device is connected.
- The smartphone must have Siri enabled in order to connect wirelessly to Apple CarPlay.

Using the Steering Wheel Controls

You can control the basic audio features through the buttons on the steering wheel.

● Function of buttons

- **SOURCE Button**
- **VOL+ and VOL- (Volume) Button**
- **⏮ ⏭ (Channel) Button**
- **📞 (HFT) Button**
- **🗣 (Voice Recognition) Button**

1 SOURCE (Mode) Button

Changes the audio source mode.

- Press the SOURCE button.

Changes the audio source mode in this order:

FM1 → FM2 → AM → (USB/iPod*) → BT Audio(*) → (back to) FM1.

*1 This mode will be shown only when equipment is connected.

2 VOL+ and VOL- (Volume) Button

Adjusts the volume.

- Press the VOL+ (volume) button to increase the volume or deactivate muting.
- Press the VOL- (volume) button to decrease the volume or deactivate muting.



3 ⏮ ⏭ (Channel) Button

Radio (AM, FM1, FM2)

- Press the ⏭ (Channel) button to change to the next preset station (channel).
 - Press the ⏮ (Channel) button to change to the previous preset station (channel).
 - Press and hold for one seconds to scan for a station with a strong signal.
- All source modes can be operated with this button.
- Press the ⏭ (Channel) button to skip to the next track, file, etc.
 - Press the ⏮ (Channel) button to skip to the beginning of the current track, file, etc. Press the ⏮ (Channel) button again to go to the beginning of the previous track, file, etc.
 - Press and hold to skip forward/backward to the first track of the next folder or album.

4 📞 (HFT) Button <Optional>

Hands Free Telephone (HFT) function <Optional support for some vehicles>

At an incoming hands-free call :

- Press the 📞 (OFF HOOK) button to answer the call.
- Press the 📞 (ON HOOK/Back) button to reject the call.
- When talking hands-free:
- Press the 📞 (ON HOOK/Back) button to end the call.



Note

The functionality of each the buttons depends on the vehicle type and connection.

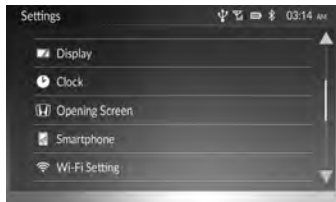
Settings



(1) On the Home screen (➡ Page 6) touch **Settings**.



(2) Touch the switch for the item to set.



Settings items

Language	Language Setting (➡ Page 42)
Bluetooth	Bluetooth® Setting (➡ Page 43)
Device List	Device List Setting (➡ Page 47)
Audio	Audio Setting (➡ Page 48)
Volume	Volume Setting (➡ Page 48)
Display	Display Setting (➡ Page 49)
Clock	Clock Setting (➡ Page 50)
Opening Screen	Opening Screen Setting (➡ Page 51)
Wi-Fi Setting	Wi-Fi Setting (➡ Page 52)
Rear Camera	Rear Camera Setting (➡ Page 53)
LaneWatch	LaneWatch Setting (➡ Page 54)
DAB	Digital Audio Broadcast (DAB) Setting (➡ Page 55)
RDS	Radio data system (RDS) Setting (➡ Page 56)
Software Information	Software Information Setting (➡ Page 57)
Open Source Licenses	Open Source Licenses Setting (➡ Page 57)
Factory Reset	Factory Reset Setting (➡ Page 58)

Language Settings

You can change language settings following below.



- (1) Touch **Language** on the Settings screen.



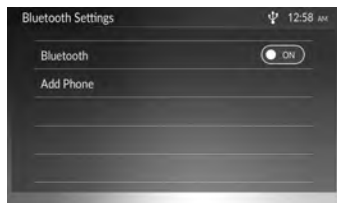
- (2) The Language Settings screen is displayed.
 - Touch the desired language.

Bluetooth® Settings

● Screen for Bluetooth® Settings

You can confirm and change the Bluetooth® settings.

● When No Device Is Paired



(1) Touch the items to be set.

- Please refer the table to the right for each setting.

● When a Device Is Paired



(1) Touch the items to set.

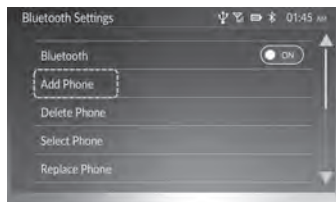
- Please refer the table to the right for each setting.
- Touch  to scroll down to the bottom of the screen.
- Touch  to scroll up to the top of the screen.



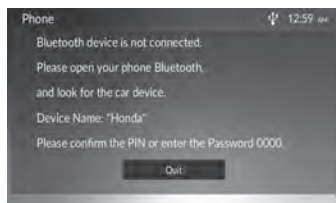
Switch	Switch Name	Function
	Bluetooth® (ON/OFF)	Turns Bluetooth® on or off.
Add Phone	Add Phone	Pairs a phone device.
Delete Phone	Delete Phone	Deletes a phone device.
Select Phone	Select Phone	Selects/changes the phone device.
Replace Phone	Replace Phone	Replaces the phone device.
	Phonebook Download	Turns Phonebook Download on or off.

- Some switches cannot be select while driving.
Please stop driving and apply the parking brake.
- Phonebook Download will show when the smartphone is connected.

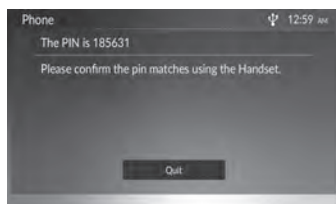
● Adding a New Device



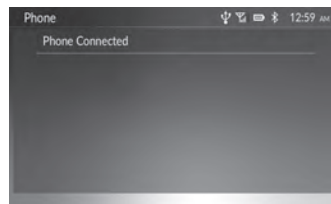
- (1) Touch **Add Phone** to register your Bluetooth® device to the system.



- (2) When this screen is displayed, perform a device discovery from your Bluetooth® device.
- (3) Enter the passcode displayed on the screen into your portable audio player. Then, touch the **Pair** button on your device.



- A passcode is not required for SSP (Secure Simple Pairing) compatible Bluetooth® phones. Depending on the type of Bluetooth® phone being connected, a message confirming pairing may be displayed on the Bluetooth® phone's screen. Respond and operate the Bluetooth® phone according to the confirmation message.
- If you want to cancel adding a new device, touch **Cancel** on your device or **Quit** on the screen.



- (4) When the connection is completed, this screen is displayed.
- Once you have paired, the system automatically connects to your Bluetooth® device every time you start your vehicle.

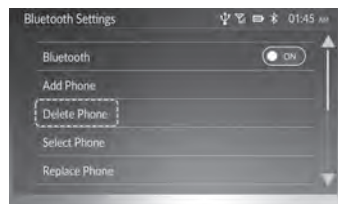


Notes

- For details on device discovery for your Bluetooth® phone, refer to the Bluetooth® phone's user's guide.
- When you pair your phone, Bluetooth® audio will disconnect.
- If the Bluetooth® device has Bluetooth® phone and Bluetooth® audio functions, it will register phone and audio simultaneously. If an on-screen message appears, follow the message and pair for Bluetooth® phone and/or Bluetooth® audio functions.
- The pairing method differs depending on the Bluetooth® version of the device.
 - For devices with Bluetooth® 2.1: You can pair the device and the Display Audio using SSP (Secure Simple Pairing), which only requires confirmation.
 - For devices with Bluetooth® 2.0: You need to enter a PIN code both on the device and Display Audio for pairing.

● Removing a Bluetooth® Device

You can delete a paired Bluetooth® device



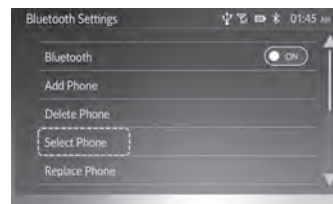
- (1) Touch **Delete Phone** to display the device list.



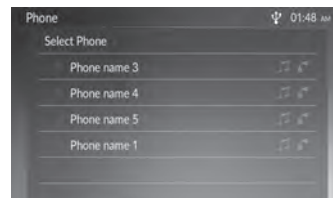
- (2) Select the device to remove.

● Selecting a Bluetooth® Device

You can select a paired Bluetooth® device.



- (1) Touch **Select Phone** to display the device list.



- (2) Select the device to be deleted.

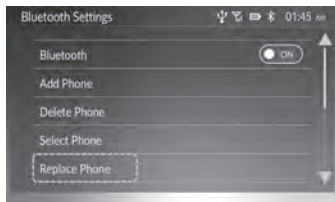


Note

When you delete a Bluetooth® phone, the phonebook data will be deleted at the same time.

● Replacing a Bluetooth® Device

You can replace a paired Bluetooth® device with a new one.

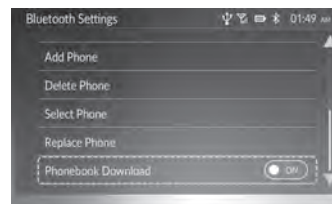


- (1) Touch **Replace Phone** to display the device list.



- (2) Select the device to be replaced.

● Phonebook Download



- Phonebook Download will not show when no device is connected.

Phonebook Download

- ON (Default): Phonebook Download is activated.
- OFF: Phonebook Download is deactivated.



Notes

When Phonebook Download is ON

- Phonebook data can be transmitted automatically when the phone is connected.
- The phonebook of the connected phone will be displayed. Download will start after permitted on the phone.

When Phonebook Download is OFF

- Phonebook data will not be transmitted automatically when the phone is connected.

Device List Settings

Show the devices that are connected to the audio system.



- (1) Touch **Device List** to display the device list.



- (2) Select the connected device.

Audio and Volume Settings

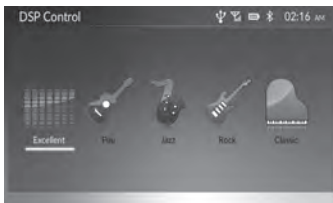
● Audio Settings



- (1) Touch **Audio** on the Settings screen.



- (2) The Audio Settings screen is displayed and you can adjust the position of the speakers.
 - [Bass] Adjusts the volume bass.
 - [Treble] Adjusts the volume treble.

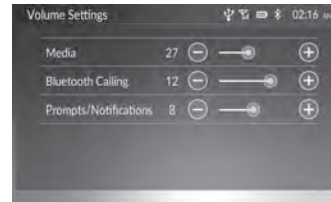


- [Speed Sensitive Volume] Adjusts the audio SVC level. This item is available for some vehicles.
- [DSP Control] Adjusts the audio DSP (Excellent/Pop/Jazz/Rock/Classic).
- [Default] Changes the audio settings back to default.

● Volume Settings



- (1) Touch **Volume** on the Settings screen.



- (2) The Volume Settings screen is displayed.
 - [Media] Adjusts the volume of media sound output.
 - [Bluetooth Calling] Adjusts the volume of Bluetooth® hands-free calling output.
 - [Prompts/Notifications] Adjusts the volume of the prompts or notifications output.

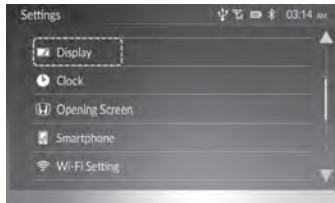


Note

The volume setting differs depending on the vehicle type.

Display Settings

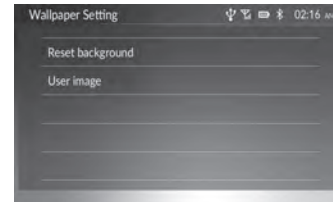
● Display Settings



- (1) Touch **Display** on the Settings screen.



- (2) The Display Settings screen is displayed.
- [Brightness] Adjusts the brightness level.
 - [Contrast] Adjusts the contrasts level.
 - [Brightness Mode] Selects the brightness mode (Auto, Day, Night)
 - [Wallpaper] Customizes the wallpaper.
 - [Theme] Customizes the theme.



- (3) The Wallpaper Settings screen is displayed.
- [Reset background] Select to reset background back to default.
 - [User image] Customize the wallpaper with an image from USB memory.



- (4) The Theme Settings screen is displayed.
- Customize the theme to Blue, Grey, Red or Navy.
(Default is Grey.)

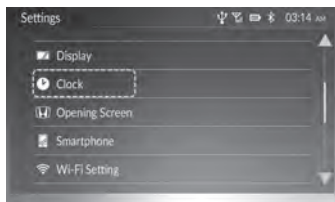


Notes

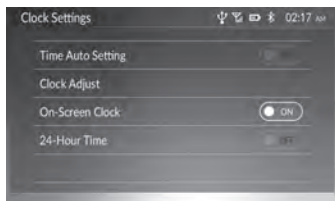
- Refer to “Media and Data that Can be Used on the Audio System” for details on supported file formats (➡Page 65).
- Image files that are not described in “Media and Data that can be used on the Audio System” (➡Page 65) cannot be supported.
- Image resolution supported is 800x480 pixels.
- The screen brightness will be adjusted according to the current illumination condition when Brightness Mode is set to “Auto”. The Maps mode brightness will also be adjusted.

Clock Settings

You can set the clock as follows.

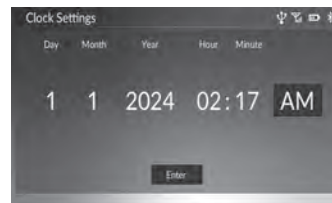
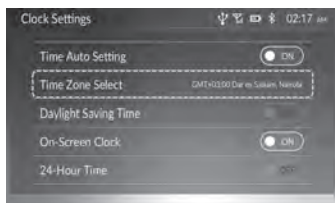


- (1) Touch **Clock** on the Settings screen.



- (2) The Clock Settings screen is displayed.

- [Time Auto Setting] ON enables automatic setting of the date and time.
- [Time Zone Select]
Sets to the local time zone of individual countries.
- [Clock Adjust] Enables date and time to be adjusted manually.
- [On-Screen Clock] ON/OFF
This switch controls the clock indicator on the top-right of the screen.
- [24-Hour Time] ON/OFF
This switches the clock display to be "24-hour" or "12-hour".



- (3) The Clock Adjust screen is displayed when you touch the [Clock Adjust] switch.

- When clock time/date has been set, touch the **Enter** button to save the values.

Value range and default value are as follows:

Items	Adjustment contents	Value Range	Default
Clock Adjust	Set the current time & date (year/month/day/hour/minute).	12:00AM to 11:59AM 12:00PM to 11:59PM 1-1-2000 to 31-12-2069	12:00AM 1-1-2024
On-screen Clock	Set whether to display the clock on the screen or not.	ON/OFF	ON
24-Hour Time	Set the time format in which to display the clock on the screen.	12/24 Hour	OFF (12 Hour)

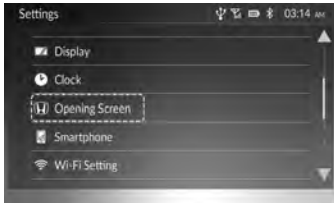


Note

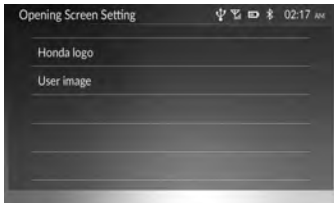
The time auto setting and time zone selection depends on the vehicle type.

Opening Screen Settings

● Opening Screen Settings



- (1) Touch **Opening Screen** on the Settings screen.

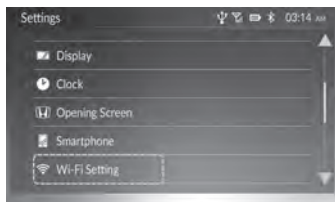


- (2) The Opening Screen Setting screen is displayed

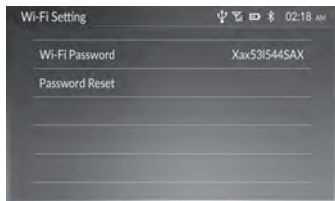
- **Honda logo** Set the opening screen to the Honda logo. (Default is Honda logo.)
- **User image** Customize the opening screen with an image from USB memory.

Wi-Fi Settings

You can set the Wi-Fi password as follows.



- (1) Touch **Wi-Fi Setting** on the Settings screen.



- (2) Touch **Password Reset** to generate a password automatically.



Note

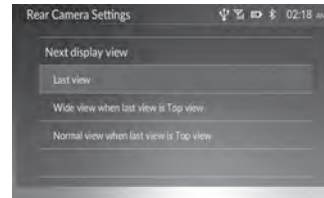
The availability of Wi-Fi settings depends on the vehicle type.

Rear Camera Setting

You can set the rear camera as follows.



- (1) Touch **Rear Camera** on the Settings screen.



- (2) The Rear Camera Settings screen is displayed.

● **Last view**

Maintains the last view mode when the gear shift is moved to the REVERSE (R) position.

● **Wide view when last view is Top view**

If Top view was the last view used before your turned off the engine, Wide view mode is selected next time you turn the ignition switch to ON and move the gear shift to REVERSE (R).

● **Normal view when last view is Top view**

If Top view was the last view used before your turned off the engine, Normal view mode is selected next time you turn the ignition switch to ON and move the gear shift to REVERSE (R).



Note

Rear camera function is available on some vehicles.

LaneWatch Setting

You can set LaneWatch as follows.



- (1) Touch **LaneWatch** on the Settings screen.



- (2) The LaneWatch Settings screen is displayed.
- **Show with Turn Signal**
The LaneWatch screen is displayed when the turn signal is on.
 - **Display Time after Turn Signal Off**
You can set the time to display LaneWatch after the turn signal is turned off.
 - **Reference Line**
You can set whether to display reference lines.

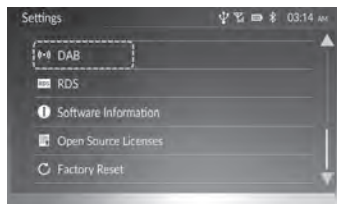


Note

LaneWatch function is available on some vehicles.

Digital Audio Broadcast Setting (DAB)

You can set the DAB as follows.



(1) Touch **DAB** on the Settings screen.



(2) The DAB Settings screen is displayed.

- DAB-FM Link / DAB-DAB Link are functions that receive with the same service of FM/DAB station when the DAB signal that is being received currently is lost.
- DAB Traffic Announcement is a function that receives traffic announcements.

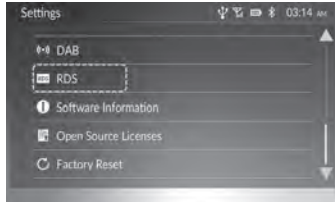


Note

DAB function is available on some vehicles.

Radio Data System Setting (RDS)

You can set RDS as follows.



(1) Touch **RDS** on the Settings screen.



(2) The RDS Settings screen is displayed.

- [RDS] Sets whether to display RDS function
- [Alternative Frequencies] Sets whether to automatically track to alternative frequencies
- [Regional Mode] Sets to automatically track operation condition
 - ON : Include broadcast range code
 - OFF : Exclude broadcast range code
- [RDS Traffic Announcement] Sets whether TA interrupt is active

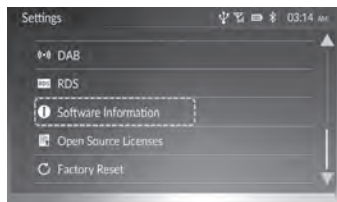


Note

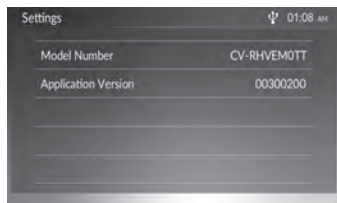
RDS function is available on some vehicles.

Software Information and Open Source Licenses

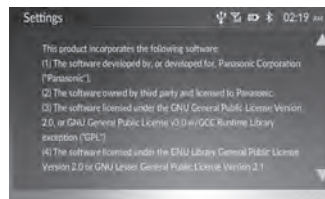
You can view the software information as follows.



- (1) Touch **Software Information** on the Settings screen.



- (2) The Software Information screen is displayed.
The following information is displayed.
 - [Model Number]
 - [Application Version]



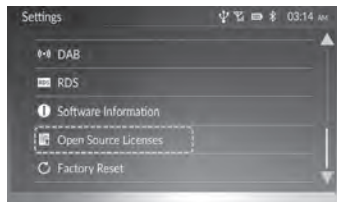
- Open Source Licenses
- About iAuto



Note

[Open Source Licenses] Displays the contents of Open Source licenses.
[About iAuto] Displays the icon of iAuto and company information.

You can view the Open Source Licenses information as follows.



- (1) Touch **Open Source Licenses** on the Settings screen.

Factory Reset Settings

This will reset all settings you have made, once reset, all previous settings and data will be lost.



- (1) Touch **Factory Reset** on the Settings screen.



- (2) The Factory Reset Settings screen is displayed.

To perform the Factory Reset operation

1. Press [Factory Reset] on the Settings screen.
2. A confirmation message appears. Touch [Yes] to proceed.
3. The <Initializing> message appears.
4. This Display Audio system will restart when reset is completed.

Error Display Messages

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

Messages	A message is displayed when:
In initialization...	The WebLink module has not been prepared completely and cannot be used.
Media Library loading	Media Library is loading. Please wait a moment.
No Playable Tracks	There are no playable tracks in your iPod device.
No USB Memory	A USB device is not connected.
No Playable Files	There are no playable files in your USB device.
Check the USB device	An error has occurred and operation of the connected USB device cannot be continued.
Not support USB HUB	A USB hub is connected.
Device No Response	The unit has not responded for a long time.
Device connection exception! Please check USB interface is correct and restart the vehicle.	Overcurrent has occurred.
Unsupported Device	You have connected an iAP1 iPod device.

Messages	A message is displayed when:
Pairing Failed	Bluetooth® phone pairing & connection failed.
5 Phones had added	5 Phones have been connected to the Display Audio.
Not connected	Bluetooth® phone connection failed after selecting.

Troubleshooting

Not all apparent troubles are serious. Check the following points before calling a service center.

- For operations with external components, refer also to the instructions supplied with the adapters used for the connections (as well as the instructions supplied with the external components).

Condition	Solution
General	
No sound comes out of the speakers.	⇒ Adjust the volume to the optimum level. ⇒ Check the cords and connections.
USB	
“Reading” does not disappear from the screen.	⇒ Turn the power off and on again.
While playing a track, sound is sometimes interrupted.	⇒ The tracks were not properly copied onto the USB device. Copy the tracks again, and try again.
Tracks are not played back as you have intended them to play.	⇒ Playback order may differ from that when played back using other players.
iPod/iPhone	
No sound comes out of the speakers.	⇒ Disconnect the iPod/iPhone, then connect it again. ⇒ Select another source, then reselect “iPod”.
The iPod/iPhone does not turn on or does not work.	⇒ Check the connection. ⇒ Update the firmware version. ⇒ Charge the battery. ⇒ Reset the iPod/iPhone.
Sound is distorted.	⇒ Deactivate the equalizer either on this unit or the iPod/iPhone.
Much noise is generated.	⇒ Turn off (uncheck) “Voice Over” on the iPod/iPhone. ⇒ For details, visit < http://www.apple.com >.
No operations are available when playing back a track containing artwork.	⇒ Operate the unit after the artwork has loaded.

Condition	Solution
WebLink	
The WebLink module does not turn on or does not work.	⇒ Connection by at least a 3G network is recommended ⇒ Check the connection. ⇒ Update the firmware version. ⇒ Charge the battery. ⇒ Reset the smartphone.
When connecting WebLink for the first time, it may take a long time to connect depending on phone and network.	⇒ Please retry the USB connection or restart the app.
Radio	
Radio Reception is not clear	The antenna should be adjusted for best reception.
Bluetooth®	
Phone sound quality is poor.	⇒ Reduce the distance between the unit and the Bluetooth® mobile phone. ⇒ Move the car to a place where you can get a better signal reception.
The sound is interrupted or skipped while using a Bluetooth® audio player.	⇒ Reduce the distance between the unit and the Bluetooth® audio player. ⇒ Disconnect the device connected by Bluetooth®. ⇒ Turn the unit off and on again. (If the sound is not yet restored) connect the player again.
The connected audio player cannot be controlled.	⇒ Check whether the connected audio player supports AVRCP (Audio/Video Remote Control Profile).

Condition	Solution
Bluetooth®	
The Bluetooth® device does not detect the unit.	⇒ Search from the Bluetooth® device again.
The unit does not pair with the Bluetooth® device.	⇒ For devices compatible with Bluetooth® 2.1: Register the device using a passcode. (⇒ Page 44) ⇒ For devices compatible with Bluetooth® 2.0: Enter the same passcode for both the unit and target device. ⇒ Turn the Bluetooth® device off and on again.
The unit does not respond when you try to copy the phonebook to the unit.	⇒ You may have tried to copy the same entries (as stored) to the unit.

Specifications

1.4DIN Display Audio

Dimensions : 253.3 mm x 186 mm x 170.26 mm (W x H x D)

Weight : 1.6 - 1.7 kg

Operating Voltage : 12 V (10 V to 16 V allowable)

Maximum Current : 10 A

Consumption

Operating Temperature Range : -30°C to +70°C

Model : AH2301

Manufacturer Name : Panasonic Automotive Systems Asia Pacific Co., Ltd

Manufacturer Address : 101 Moo 2 Teparak Rd, T. Bangsaothong,
A. Bangsaothong, Samutprakarn 10570 Thailand

<Common parts>

Maximum output : 40 W x 4 ch

Rated output : 20 W x 4 ch (10 %T.H.D.)

Ideal speaker impedance : 4 Ω

<FM tuner unit>

Reception frequency range : 87.50 MHz to 108.00 MHz /
87.50 MHz to 107.90 MHz

Usable sensitivity : 10 dB (μV)

Signal-to-noise ratio : 45 dB

<AM tuner unit>

Reception frequency range : 531 kHz to 1602 kHz /
530 kHz to 1710 kHz

Usable sensitivity : 37 dB (μV)

Signal-to-noise ratio : 40 dB

<USB memory portion>

USB standard : USB 2.0 High Speed

File system : FAT 32

Maximum power supply current : DC 5 V 2.1 A

Audio decoder : MP3/WMA/AAC/WAV/FLAC/APE

Video decoder : 3GP/MP4/AVI/MOV/FLV

<Bluetooth®>

Technology : Bluetooth® 4.2

Frequency : 2.402 GHz to 2.480 GHz

Output power : 4 dBm (MAX), Power Class 2

Maximum communication range : Line of sight approx. 10 m

Audio codec

Profile

: BC

: HFP (V 1.7) (Hands Free Profile)

A2DP (V 1.3) (Advanced Audio Distribution Profile)

AVRCP (V 1.6)

(Audio/Video Remote Control Profile)

GAP (Generic Access Profile)

PBAP (Phone Book Access Profile)

SPP (V 1.2) (Serial Port Profile)

<Wi-Fi>

Technical Standard

Operating Frequency

: IEEE 802.11 a/ac/n

: 5745 MHz - 5825 MHz

<Display section>

Display type

Drive size

Display Resolution

Number of pixels

Touch panel

: 8 inch TFT LCD

: 174.0 mm x 104.4 mm (H x V)

: WVGA

: 800 x 480 (H x V)

: Capacitive film type touch panel

Media and Data that Can be Used on the Audio System

1 Media

Specifications of USB memory devices, etc. that can be used with this unit are described below.

USB Memory Devices

Formats, standards and restrictions of USB memory devices that can be used are described below.

USB communication format	USB 2.0 HS
File format	FAT 32
Communication class	Mass storage class

Notes

- This unit 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 the unit.
- Do not use a USB device with 2 or more partitions.
- Depending on the shape of the USB devices and connection ports, some USB devices may not be attached properly or the connection might be loose.
- This unit may not recognize a memory card inserted into a USB card reader.
- Avoid using the USB device if it might affect driving safety.
- Do not pull out and connect the USB device repeatedly while “Reading” is shown on the screen.
- Electrostatic shock at connecting a USB device may cause abnormal playback of the device. In this case, disconnect the USB device then reset this unit and the USB device.
- Operation and power supply may not work as intended for some USB devices.
- Do not leave a USB device in the car, or expose to direct sunlight or high temperatures to prevent deformation or damage to the device.

2 Playable File Formats

The table below shows the media file formats that can be played on this unit.

○ Indicates a format that can be played.

Category	File format	Media
	Extension	USB
Music	.mp3	○
	.wma	○
	.m4a	○
	.wav	○
	.flac	○
	.ape	○
Video	.3gp	○
	.mp4	○
	.avi	○
	.mov	○
Image	.flv	○
	.PNG	○
	.JPG	○

Notes

- The “Image” category is only used for wallpaper customization and opening screen customization.
- Max image size supported for “Image”: Length 1920; Width: 1080

3 Data Specifications

Playable Audio Media

Codec \ Format		AAC	WMA	MP3	APE	FLAC	WAV	Remark
		.m4a	.wma	.mp3	.ape	.flac	.wav	
Audio	MP3	-	-	Y	-	-	-	MPEG1 Layer3(32kHz, 44.1kHz, 48kHz) MPEG2 Layer3(16kHz, 22.05kHz, 24kHz)
	PCM (WAV)	-	-	-	-	-	Y	SampleRate: 8kHz~48kHz
	AAC-LC (*1)	Y	-	-	-	-	-	(*1) AAC only for (.m4a) audio file
	WMA Standard	-	Y	-	-	-	-	Profile version: V9.2
	APE	-	-	-	Y	-	-	
	FLAC	-	-	-	-	Y	-	

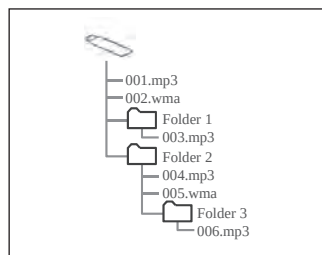
Playable Video Media

Codec \ Format		3GP	MP4	AVI	MOV	FLV	Remark
		.3gp	.mp4	.avi	.mov	.flv	
Video	MPEG-4 Visual	-	Y	Y	Y	-	
	H.264	-	Y	-	Y	Y	
	H.263	Y	-	-	Y	-	
Audio	MP3	-	Y	Y	Y	Y	
	AAC	Y	-	-	Y	Y	
	LPCM	-	Y	Y	Y	-	

- DRM is unsupported
- Video resolution support 1080P
- Video frame rate support 30FPS

USB Memory Data Recording Restrictions and Folder Structures.

Maximum number of hierarchy levels in directory	8
Maximum number of folders	255 (including the root folder and blank folder)
Maximum number of files in one folder	255
Maximum number of files	2,500
Maximum number of image	1,000



- The play order of the USB memory with the structure shown on the left is as follows:

001. mp3 → 002. wma... → 006. mp3

- The order changes depending on the PC and Music data encoding software used.

- The maximum number of characters (when the characters are 1 byte):
 - Folder names: 64 characters
 - File names: 64 characters

TERMS

- MP3
MP3 (MPEG Audio LAYER3) is the standard format of audio compression technology. Using the MP3 format allows files to be compressed to around 1/10 of their original size.
- WMA
WMA (Windows Media Audio) is a file compression format developed by Microsoft. It can compress files to an even smaller size than MP3.
- AAC
AAC (Advanced Audio Coding) is the standard format of audio compression technology used for MPEG4. This unit can play AAC files created using MPEG4.
- ID3 TAG
Metadata called ID3 tags can be input in MP3 files to store information such as track titles and artist names.
- WMA TAG
Metadata called WMA tags can be input in WMA files to store information such as track titles and artist names in a similar way to ID3 tags.
- AAC TAG
Metadata called AAC tags can be input in AAC files to store information such as track titles, artist names and album names in a similar way to ID3 tags.

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Additional information may be obtained from MPEG LA, L.L.C.

See <http://www.mpegla.com>

Law and Regulation

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one 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.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

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

Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

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<Contact Address>

Product Development Director, Research and Development Department

Panasonic Automotive Systems Asia Pacific Co., Ltd

101 Moo 2 Teparak Rd, T.Bangsaothong A.Bangsaothong Samutprakarn Thailand 10570

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