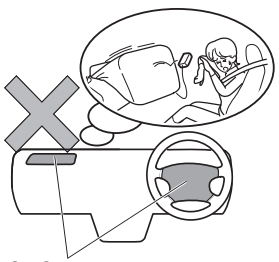
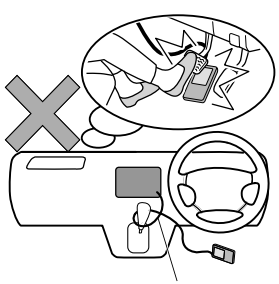
●Before Using the Portable Audio Device

Warning



- **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 catapulted outward by the deploying airbag, which may result in serious injury or death.**

※ **Refer to the owner's manual for your car regarding the deploying position of the SRS airbag.**



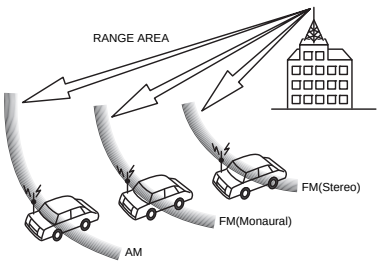
- **Place or temporarily fix the portable audio device and connection cable where they will not interfere the driver when driving. Otherwise, they may interfere driving or cause auto accident.**

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.**
  Otherwise these 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 the inability of the audio function to start.
- **Do not turn the power off during user version update.**
- **Do not touch or hold display during turn on the power until caution screen show on display.**

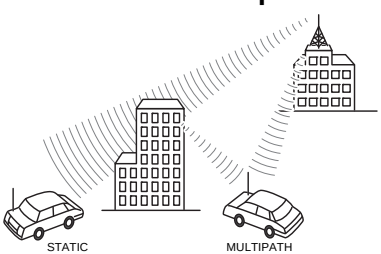
Notes on Use

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 with buildings, terrain, distance from the transmitter and noise from other vehicles. The following phenomena of FM reception are normal and do not indicate a problem with the radio itself:

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 internal lens 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 button or 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 comfortably because It might cause image 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 warrantable.
  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 smartphone, the reception of the GPS satellite signal might not be possible.

- **Consult your dealer about upgrade options.**
- **The screens on 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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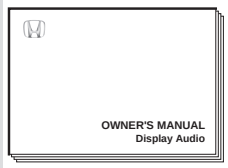


Operating Instructions

Q'ty: *

Remark : * Quantity depend on each countries.

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, which 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.

YEFM0412419 EN.indb 1 9/16/19 11:07 AM

Power-on Operation

The audio function in 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.

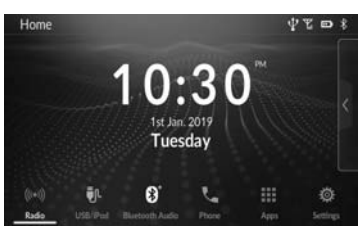
- The Opening Screen appears.

- The Caution Screen appears.

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

Note

To change the language, press [Language] Button.



- The audio screen appears.
- The screen displayed depends on the mode at the previous power 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.

③ Volume Up
Press this button to adjust the volume step up, release mute state and Long press this button to adjust the continuous volume up.

④ Volume Down
Press this button to adjust the volume step down, release mute and Long press this button to adjust the continuous volume down.

⑤ Power
Press this button to audio Mute mode and Long press this button to audio off screen.

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 playback in the background SRC.

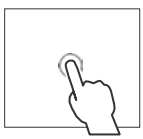
Notes

- Do not connect any device other than an iPod or USB memory device to the USB terminal. Devices connected through a USB hub will not work using 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, the 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

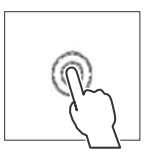
● Touch screen operations

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

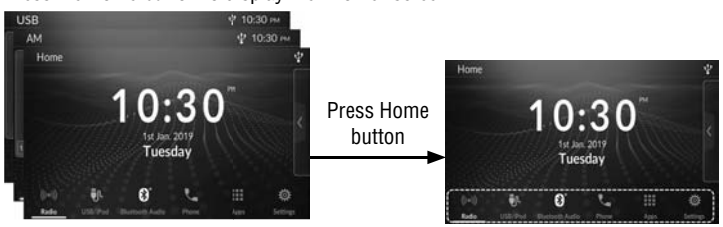
Swipe

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**
Indicate the current screen name.

● **Clock/Calendar**
Display time and date.

● **Status Bar**
Displays indicators.

● **App icon (shortcut)**
Shortcut for playback source.

Notes

The Home button function :

● This function is not available when you are viewing the Rearview Camera image or/and using the Bluetooth® hands-free system functions.

● Press Power button to audio Mute mode.

● Press and hold the Power button to turn off the media (Audio off screen).

● **Status Bar**

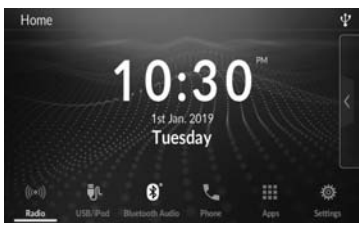
Status Bar displays indicators and time. Detail of each indicator icon and meaning from table below.

Indicator	Name	Function
	USB Mark	Display USB/iPod connection
	BT signal strength	Display BT-HF (Bluetooth®-Handsfree) signal strength of connected phone
	Call prohibition	Display BT-HF (Bluetooth®-Handsfree) call function prohibition status
	Battery capacity Mark	Battery Capacity of connected BT-HF (Bluetooth®-Handsfree) phone
	BT Mark	Display Bluetooth® connection icon
12:00 AM	Clock	Display clock for the screen other than Home screen

Switching Audio Source

1 How to Switch Audio Source

You can Switch Audio Sources on the Shortcut in 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.

Shortcut

From the Shortcut in each Audio Source.

- 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.

Note

Apps icon will be changed following Smartphone connectivity that connected.

● **Correspondence character-code**

This unit corresponds to the following character-code.
Character-codes other than the following might not be correctly displayed.

Function	Items	Correspondence character-code
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	Track / Album / Artist name	UNICODE(UTF-8)
Hands-free	Name / Number	ISO8859-1
		UNICODE(UTF-8)
		UNICODE(UTF-16)

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

2 Conditions for Operating the Audio

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

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

ENGINE START-STOP BUTTON		Audio	USB(Video)
START ENGINE	The vehicle is parked	Enable	Enable (Only when the parking brake is on)
	The vehicle is moving		Only Audio (Only audio is available for safety reasons)
STOP ENGINE		Disable	Disable

Caution

Be sure that the battery does not run down when start the engine or the ignition key is turned to ACC.
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, depicted by inverting the switch icon's color. No operation will be executed even if they are touched.

Touch Switches and Using Lists

Touch Switches

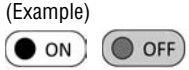
These are operated by touching the switches displayed on the screen.

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 in reverse color.
- Some of the switches are highlighted when they are touched.
- To go back to the previous screen, touch the switch.

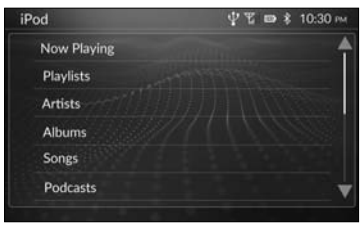
<Notation of touch switches in this manual>

- 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, down on the touch panel to scroll the list.

Radio

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

Enter Radio screen by touch Radio button on the Home screen (➡ Page 6).

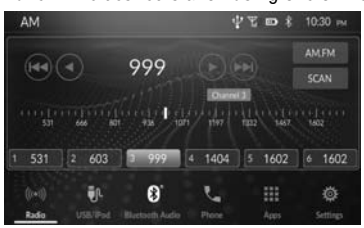
- Touch AM.FM on Radio screen, the radio band switches to the by following FM1 → FM2 → AM → FM1… (default is FM1).

Note

RDS function not available on all model.

1 Selecting a Station

Tune in 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 touch Frequency Scale, or drag the Frequency Bar.
- Press on ◀ ▶ to manually Tune Down/Up.
- Long press on ◀ ▶ 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.
- Long press on ⏮ ⏭ to Fast Seek Down/Up.

● Scan

Touch the SCAN switch. Radio stations are searched and played one by one for 5 second each. If you touch the SCAN switch while the desired station is received, it will remain on that station.

2 Presetting a Station

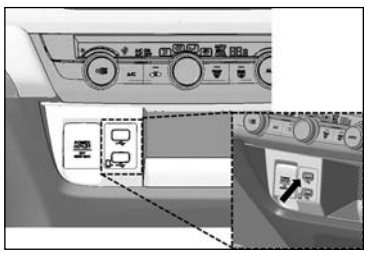
(1) Tune in the desired station.

(2) Touch one of the channel selector switches (1-6) and hold it until a beep is heard. This sets the preset 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 a USB Memory



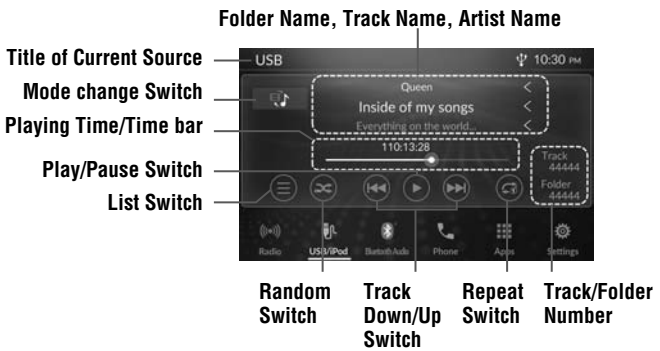
(1) Connect a USB memory.

Notes

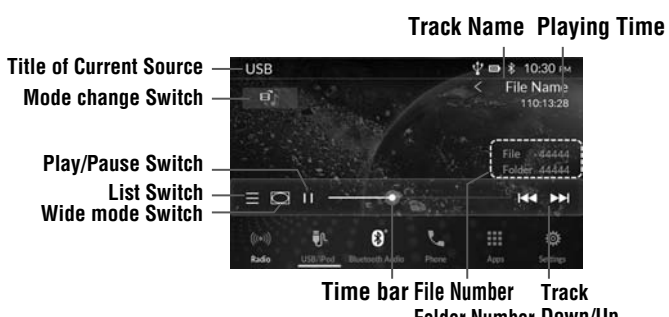
- Connections cannot be connected via a USB hub or portable HDD.
- Refer to “Media and Data that can be used on the Audio system” for details on supported file formats (➡ Page 61).
- Music and video files that are not described in the “Media and Data that can be used on the Audio system” (➡ Page 61) cannot be played.

USB Memory Operation Screen

● USB Music screen



● USB Video screen



1 Playing Media from the USB memory

(1) Touch USB/iPod in the Home screen (➡ Page 6).

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

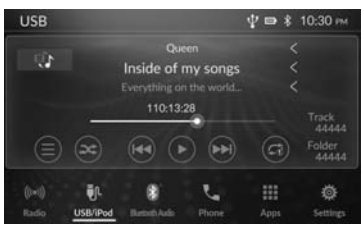
(2) Touch on the USB-Music screen to change to USB-Video mode.

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

2 Selecting a Folder/File

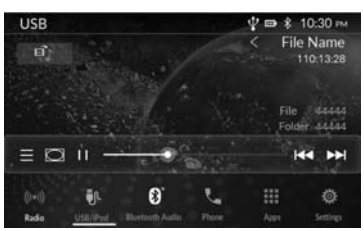
Any desired folder can be selected from a USB memory.

- **Selecting on the Folder/File List screen**

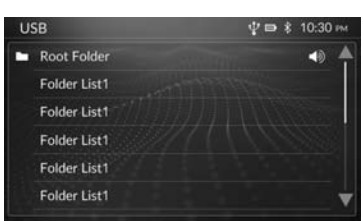


(1) Touch ☰ in the USB-Music operation screen.

- The Folder List Screen is displayed.



OR Touch ☰ in the USB-Video operation screen.



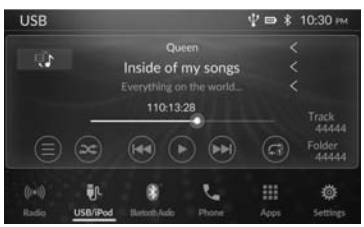
(2) Touch the folder (list) that you want to listen to.

- The File List Screen is displayed.

(3) Touch the file (list).

- Playback of the selected file starts.

●Selecting on the touch switches

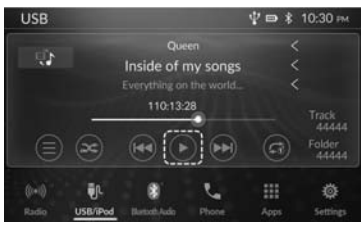


(1) Touch the ⏮ ⏭ switches.

- Touch the ⏭ switch to go to the next file.
- Touch the ⏮ switch to go to the head of file.
- Touch the ⏮ switch to go to the previous file, if the playback time is less than 1 second.

3 Pause and Playback

●Playback



(1) Touch ▶ in the USB memory Operation Screen (➡ Page 11).

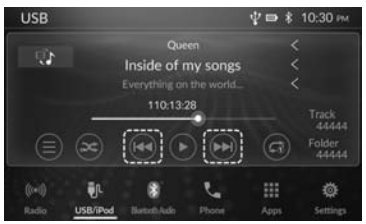
- The screen displays ❚❚ while playing.

●Pausing

(1) Touch ❚❚ in the USB memory Operation Screen (➡ Page 11).

- The screen displays ▶ while pausing.
- Touch ▶ for playback.

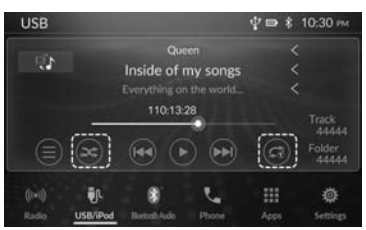
4 Fast-Forwarding and Fast-Rewinding



(1) Touch the ⏮ ⏭ switches.

- Hold the ⏭ switch for fast-forwarding.
- Hold the ⏮ switch for fast-rewinding.

5 Random and Repeat



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

  The [Random] and [Repeat] switches will change by following table on the right side.

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].

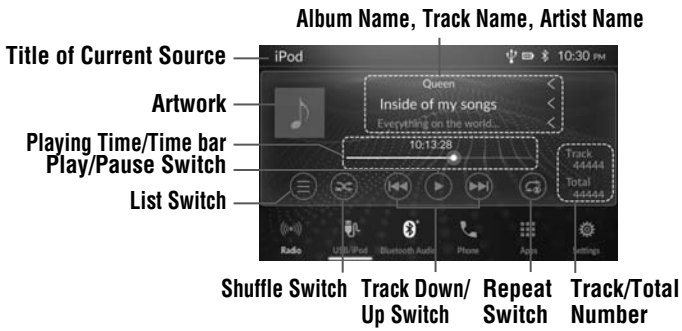
Switch	Name	Function
OFF	Random OFF	The files in play without random mode.
ON	Random ON	The files in all the folders of the USB will be selected as random and played.
	Random 1 Folder	The files in the currently playing folder will be selected at random and played.
ALL	Repeat ALL	Repeats all playable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

6 Wide Mode switching

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

iPod Operation

● **iPod Operation Screen**



(1) Touch USB/iPod in the HOME screen (➡ Page 6).

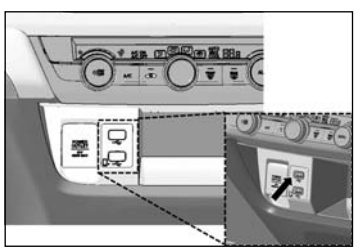
Notes

- This system has a charging function for iPods.
- When the battery level of an iPod is very low, the iPod may not operate. If so, 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.
- This connection systems, please use legal 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.

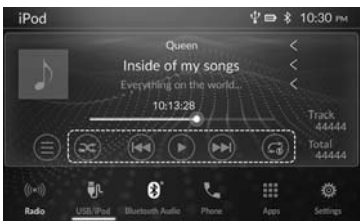
1 Connecting an iPod



(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.

2 Playing an iPod

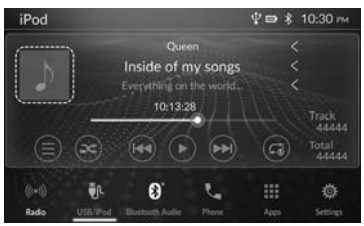


- Touch to resume playing the music
- Touch to pause the music
- Touch to go to the next track.
  Hold to fast-forward while the switch is being held.
  Playback starts when the switch is released.
- Touch the switch to go to the head of song.
  Touch the switch to go to the previous song, if the playback time is less than 1 second.
  Hold to fast-rewind while the switch is being held.
  Playback starts when the switch is released.
- Touch to repeat
- Touch to random

● Selecting a music

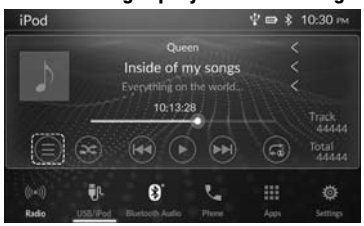
Touch the ⏮ or ⏭ switch to select a desired music.

● iPod artwork

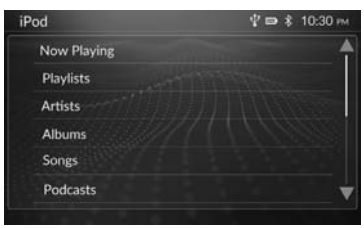


(1) iPod artwork may be displayed on the screen depending on the iPod model and data stored on the iPod.

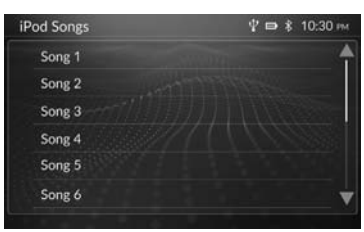
● Selecting a play mode or category



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



(2) The list within the selected play mode such as playlists artists, albums, songs, podcast or audio book 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 song.

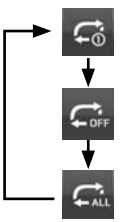
● Playing Repeat and Shuffle

You can playback 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.



: Repeats the current track.

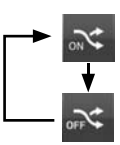
: OFF

: Repeats all tracks in playlist that is currently being played.

<Shuffle Mode>

Automatically shuffles all of the tracks on the iPod.

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



: Shuffles all tracks.

: OFF

Note

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

3 iPod compatible 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 X
- iPhone 8 Plus
- iPhone 8
- iPhone 7 Plus
- iPhone 7
- iPhone SE
- iPhone 6s Plus
- iPhone 6s
- iPhone 6 Plus
- iPhone 6

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 playback video from an iPod.
  For iPod compatible models, please visit support website.
  URL
  http://microsite.panasonic.co.th/smartphone/honda/HONDA20M

- For some iPod models, the performance may be abnormal or unstable during operation. In this case, disconnect the iPod device, then 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.

* Operation check has been completed with software available at the end of July, 2019. We do not guarantee the operation with our future products or upgraded software.

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 time, the phone connection is carried out during Bluetooth® audio play.
- 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.

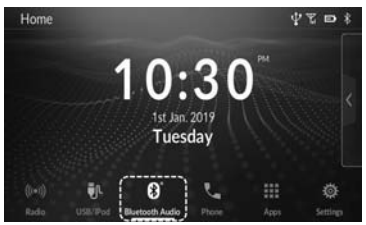
- Portable audio players must correspond to the following specifications in order to be connected to the Bluetooth® audio system. However, please note that some functions may be limited depending on the type of portable audio player.

- 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.1.2 or higher)
  This is a profile to transmit stereo audio or high quality sounds to the headphone.
  AVRCP (Audio/Video Remote Control Profile) Ver.1.0 or higher (Recommended: Ver.1.4 or higher)
  This is a profile to remote control the A/V equipments.

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) (the aforementioned 3 types of wireless stations are hereinafter referred to as the "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 the "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 NTC technical requirement.

1 Switching to Bluetooth® Audio Mode



(1) Touch Bluetooth Audio in the Home screen (➡ Page 6).

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

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

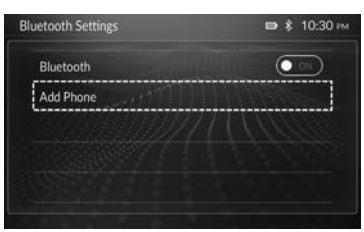
2 Connecting a Bluetooth® Audio

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

● When a Bluetooth® Device is not Registered

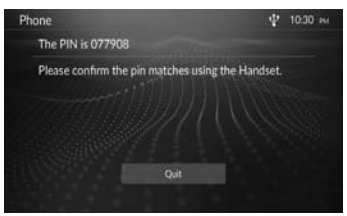
If you have not yet registered any Bluetooth® device, you must first register it according to the following procedure.

(1) Touch BT Setting.



(2) Touch Add Phone to connect to Bluetooth® device.

- The [Add Phone] cannot be select during the driving. Please stop driving and turn the parking brake to ON.



(3) When this screen is displayed, perform a device discovery "Honda HFT" from your phone.

(4) Check 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 registration 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 it, 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 registered it, the system automatically connects to your portable audio player device every time you start your vehicle.
- The portable audio player information is registered 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 Registered

If you have registered some 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 the switch to go to the head of file.
Touch the switch to go to the previous file, if the playback time is less than 1 second.
Hold to fast-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	Display BT-HF (Bluetooth®-Handsfree) signal strength of connected phone
	Call prohibition	Display BT-HF (Bluetooth®-Handsfree) call function prohibition status
	Battery capacity Mark	Battery Capacity of connected BT-HF (Bluetooth®-Handsfree) phone
	BT Mark	Display Bluetooth® connection icon

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.

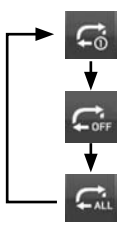
Bluetooth Audio may not be controlled by Steering switch, depending on application support in audio unit.

● Playing Repeat and Random Order

<Repeat Mode>

Repeats playback of the current track.

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



: Repeats the current track.

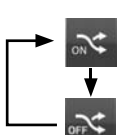
: OFF

: Repeats all tracks in playlist that is currently being played.

<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.



: Plays all tracks in all albums in random order.

: OFF

Camera

● Back Camera view

When the gear stick is shifted 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

(1) Display the Back Camera screen.

(2) Display the camera setting screen.

- Touch the Back Camera to adjust the brightness and contrast.

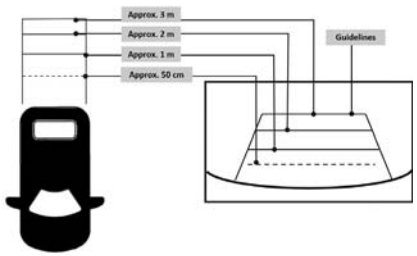
Setting items

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

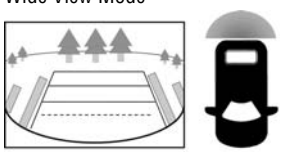
* Attached image is reference and actual image may very in vehicle condition.

Multi-View Rear Camera Display Area

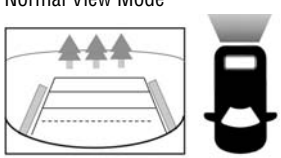
Press the icon on the touchscreen to change view.



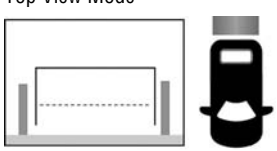
Wide View Mode



Normal View Mode



Top View Mode



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

- Modes with Display Audio
  Touch the appropriate icon to switch the modes.
  - : Wide view mode
  - : Normal view mode
  - : Top down view mode

Note

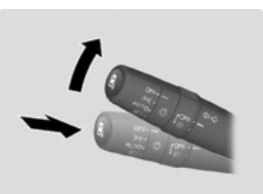
Camera function not available on all model.

LaneWatch*

LaneWatch is an assistance system that allows you to check the passenger side rear areas displayed on the audio/information screen when turn signal is activated to the passenger's side. A camera in the passenger side door mirror monitors these areas and allow 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 (Depend 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

Camera function not available on all model.

● LaneWatch view

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

LaneWatch Setting

(1) Display the LaneWatch screen.

(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 an idea of how far the vehicles or object on the screen are from your vehicles, respectively. 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 registering Bluetooth® phone, see “Connect a Bluetooth® Phone” (➡ Page 31).

Keypad	Displays “Keypad” or the phone basic operation screen.
0-9,*,#,+	Used for inputting a telephone number.
Recent Calls	Displays “Recent Call” screen to make a call using the call history.
Phonebook	Displays “Phonebook” screen to make a call using the phonebook.
Select Phone	Displays “Select Phone” screen select connected device.
Call	Used for making a phone call.

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 go down.

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 is controlled, 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 to 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 burn out quickly when it is connected to Bluetooth®.

- This system supports the following service.

- Bluetooth® Specification
  Technology : Bluetooth® 4.2
- Profile
  - HFP (Hands Free Profile) Ver. 1.6
  - 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)

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.
- Talk alternately with the other party on the phone. If you talk at the same time, your voices may not reach each other. (It is not a malfunction.)
- Keep the volume of receiving voice down. Otherwise, an echo will be heard and 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 every registered phone. When another phone is connecting, 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 Your Car

A lot of personal data is registered when you use the Hands-free system.
When you release your car, initialize your data.

You can initialize the following data in the system.

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

Note

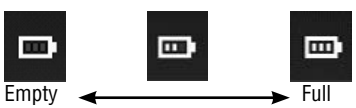
If you initialize it, the previous state will never come back again. Pay attention when initializing the data.
The data will remove when smartphone disconnect.

3 Phone Status Display

① Indicates the condition of the Bluetooth® connection.

Connect : Appear
No connect : Disappear

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 may not always correspond to that of the Bluetooth® phone. This system does not have a charging function.

Indicates the receiving area.

- The receiving area may not be displayed depending on the phone you have.

③ Indicates the level of reception.

- The level of reception does not always correspond with the one 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 the place where the Bluetooth® sensitivity is good.

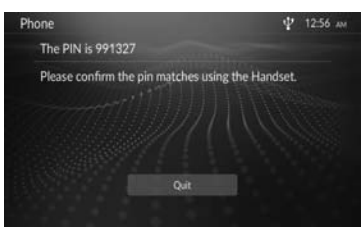
Connect a Bluetooth® Phone

To use the Bluetooth® hands-free system, you need connect your phone into 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 register it according to the following procedure.

● Please see “Bluetooth® Settings” (➡ Page 43) of additional registration when registering.

(1) Touch Phone on the Home screen.

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



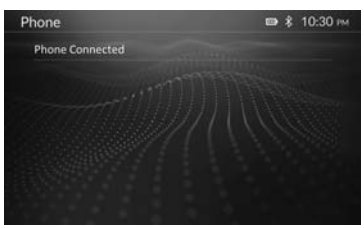
(3) Confirm the passcode displayed on the screen into the phone.

● Touch Yes to continue.

● Pairing method differs depending on the Bluetooth® version of the device.
– For devices with Bluetooth® 2.1: You can pair the device and the Head Unit 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 Head Unit for pairing.

● If you want to cancel it, touch No.

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



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

● If the Bluetooth® is disconnected on purpose such as you turned your Bluetooth® phone off, this does not happen. Reconnect the Bluetooth® phone manually.

Note

For details on device discovery for your Bluetooth® phone, refer to the Bluetooth® phone’s user’s guide.
Paring operation available when the vehicle is parking only.

1 Selecting Bluetooth® Phone

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

(1) Touch Select Phone.

(2) Touch the Bluetooth® devices name to connect.

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

Note

When you connect the phone while Bluetooth® audio is playing, the Bluetooth® audio will stop temporarily. It may take time, the phone connection is carried out during Bluetooth® audio play. The audio may be skipped.

Call on the Bluetooth® Phone

After you register the Bluetooth® phone, you can call by using Bluetooth® hands-free system.

1 By Dial

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 [Call].

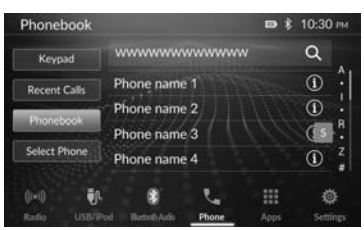
Note

- Select Phone cannot support when the vehicle driving.

2 By Phonebook (Contacts)

You can make a call using the phonebook data which is 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 Phonebook name to make a Phone call.

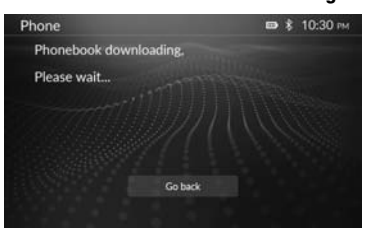
- Or Touch [ⓘ] to show Phone number list, and touch the desired Phone number to make a Phone call.

● **When the Phonebook is empty**

(1) Touch Phonebook.

● If your phone does not support either PBAP or OPP service, you cannot transfer contacts.

● **When the Phonebook is loading**



(1) Waiting a few seconds and touch the Phonebook again.

OR

Touch Go back to return.

Note

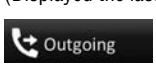
When the number of one name is more than one, the maximum number of the phone numbers can be displayed on is 3.

3 Recent Calls

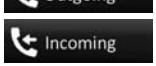
(1) Touch Recent Calls.

(2) Touch the desired number to call.

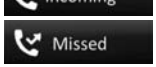
You can make a call using the recent calls which has 3 functions below.
(Displayed the last 4 entry of each function.)



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.
- A international phone call may not be made depending on the smartphone which you have.

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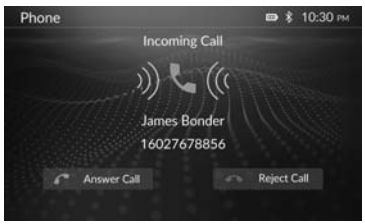
Receive on the Bluetooth® Phone

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



To answer the Phone:

Touch Answer Call.

To refuse to receive the call:

Touch Reject Call.

To adjust the volume of received call:

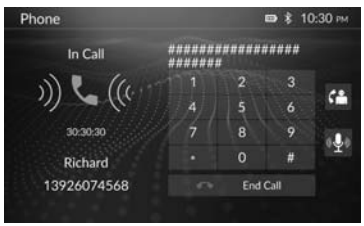
Touch "–" or "+" button.

Notes

- On the international phone call, the other party's name may not be displayed correctly depending on the smartphone which you have.
- 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 do the operation below on the screen.



To hang up the phone:

Touch End Call.

To mute your voice:

Touch .

To input a Key:

Touch 0-9.

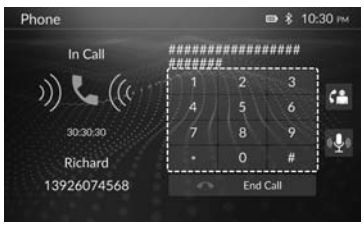
To transfer the call:

Touch for Handsfree 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 operate it 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:

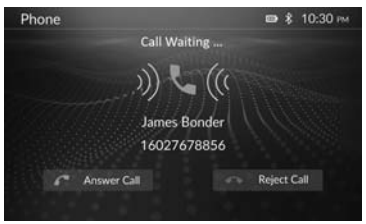
Touch End Call.

Notes

- The continuous tone signal is the marked sign (p or w) and the number following phone number. (ex.056133w0123p#1*)
- You can do this operation when you want to operate an answering machine or use a telephone service in bank for example. You can register the phone number and the code number in the phonebook.

1 Interrupt Call

When the call is interrupted by the third party while talking, this screen is displayed.

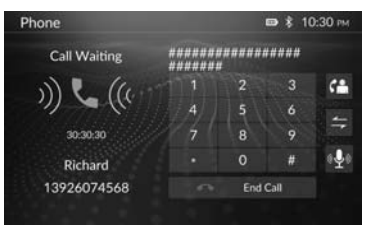


To answer the Phone:

Touch Answer Call.

To refuse to receive the call:

Touch Reject Call.



- Everytime you touch while interrupt call, the other party will be switched.

Notes

- Interrupt call operation may differ depending on your phone company and smartphone.
- Interrupt call is unavailable depending on the contract detail with the phone company.

Smartphone Linking

1 About Smartphone Linking

Smartphone Linking allowed this car audio device to connected the smartphone via USB cable. In connectivity mode, you can operate the smartphone applications from this device.

For How To Use and supported smartphone, please visit support website.
URL
http://microsite.panasonic.co.th/smartphone/honda/HONDA20M

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.

Notes

- For Connectivity Mode after connecting the smartphone, do not operate the smartphone directly. In such case, operation of the smartphone is not guaranteed.
- Don't use the Bluetooth® audio function and the smartphone linking cable function simultaneously using the same smartphone.
- The function can operate only application.
- When connecting to smartphone, application display may take time due to data transfer rate of smartphone.

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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;

FM1 → FM2 → AM → (USB/iPod※1) → BT Audio(※1) → (back to) FM1.

※1 This mode will shown only when an equipment is connected.

2 VOL+ and VOL- (Volume) Button

Adjust the volume.

- Press the VOL+ (volume) button to increase the volume and release mute state.
- Press the VOL- (volume) button to decrease the volume and release mute state.

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 strong signal.

All Source mode can available.

- Press the ⏭ (Channel) button to skip to the next track, file, etc.
- Press the ⏮ (Channel) button to skip to the beginning of 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 vehicle >
During the Handsfree Incoming call :

- Press the (OFF HOOK) button to answer call.
- Press the (ON HOOK) button to reject call.

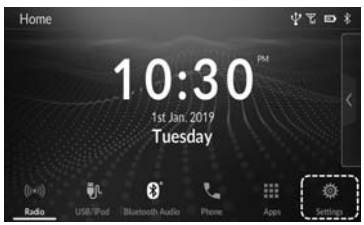
During the Handsfree talking:

- Press the (ON HOOK) button to end calling.

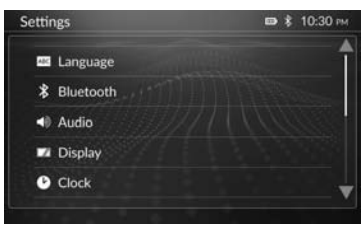
Note

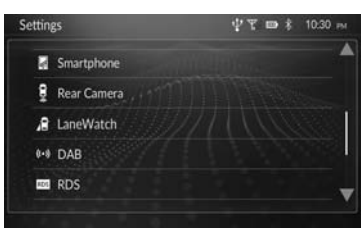
Function of buttons supporting vary following the vehicle series.

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)
Audio	Audio Setting (➡Page 47)
Display	Display Setting (➡Page 47)
Opening Screen	Opening Screen Setting (➡Page 49)
Clock	Clock Setting (➡Page 50)
Rear Camera	Rear Camera Setting (➡Page 51)
LaneWatch	LaneWatch Setting (➡Page 52)
Software Information	Software Information Setting (➡Page 53)
Open Source Licenses	Open Source Licenses Setting (➡Page 53)
Factory Reset	Factory Reset Setting (➡Page 54)

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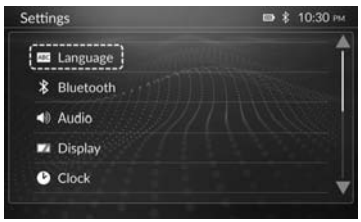
Language Settings

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

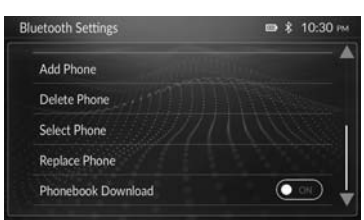
You can confirm and change the Bluetooth® settings.

● When there is no any device pairing

(1) Touch the items to be set.

- Please refer the right table for each setting.

● When the device is pairing



(1) Touch the items to be set.

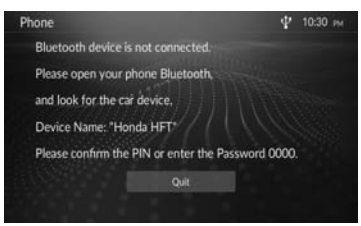
- Please refer the right table for each setting.
- Touch ▼ switch to scroll down to the bottom screen.
- Touch ▲ switch to scroll up to the bottom screen.

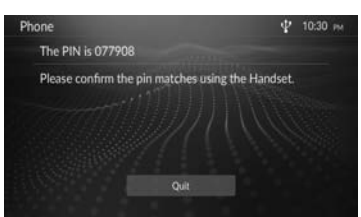
Switch	Switch Name	Function
ON OFF	Bluetooth (ON/OFF)	To turn ON/OFF the Bluetooth.
Add Phone	Add Phone	For pairing the phone device.
Delete Phone	Delete Phone	For deleting the phone device.
Select Phone	Select Phone	For selecting/changing the phone device.
Replace Phone	Replace Phone	For replacing the phone device.
ON OFF	Phonebook Download	To turn ON/OFF the Phonebook Download.

- Some switches cannot be select during the driving.
  Please stop driving and turn the parking brake to ON.
- Phonebook Download will show when the smartphone 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) Check 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 registration 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 it, touch Cancel on your device or Quit on the screen.

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

- Once you have registered it, 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 register 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 register either or both Bluetooth® phone and/or Bluetooth® audio functions.
- Pairing method differs depending on the Bluetooth® version of the device.
  – For devices with Bluetooth® 2.1: You can pair the device and the Head Unit 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 Head Unit for pairing.

● Removing a Bluetooth® Device

You can delete a paired Bluetooth® device

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

(2) Select the device to remove.

Note

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

● Selecting a Bluetooth® Device

You can select a paired Bluetooth® device.

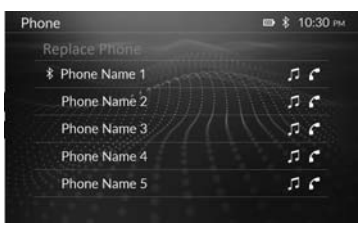
(1) Touch **Select Phone** to display a device list.

(2) Select the device to be selected.

● Replacing a Bluetooth® Device

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

(1) Touch Replace Phone to display a device list.



(2) Select the device to be replaced.

● Phonebook Download

● Phonebook Download will not show when no device connected.

Phonebook Download
- ON (Default): Activated the Phonebook Download.
- OFF: Deactivated the Phonebook Download

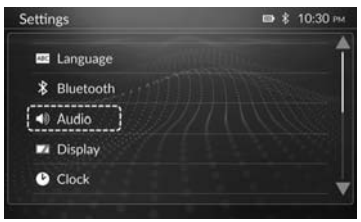
Notes

When Phonebook Download : ON
- Phonebook data could be transmitted automatically when the phone is connected.
- Phonebook of connected phone will be displayed. Download be will start after permitted on the phone.

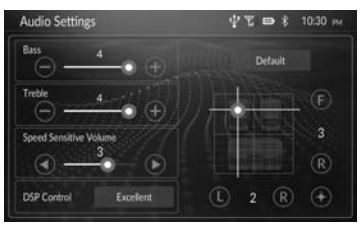
When Phonebook Download : OFF
- Phonebook data not could be transmitted automatically when the phone is connected.

Audio and Display Settings

● Audio Settings



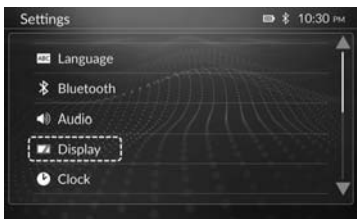
(1) Touch Audio on the Settings screen.



(2) The Audio Settings screen is displayed.

- [Bass] Adjusts the volume bass.
- [Treble] Adjusts the volume treble.
- [DSP Control] Adjusts the audio DSP (Excellent/Pop/Jazz/Rock/Classic).
- [Speed Sensitive Volume] Adjusts the audio SVC level. This item is available for some vehicle.
- [Default] Changes the Audio Settings back to default.

● Display Settings



(1) Touch Display on the Settings screen.

(2) The Display Settings screen is displayed.

- [Brightness] Adjusts the Brightness level.
- [Contrast] Adjusts the Contrast level.
- [WallPaper] Customize the Wallpaper.
- [Theme] Customize 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.

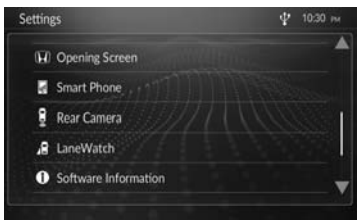
(4) The theme settings screen is displayed.
Customize the theme to Blue, Green or Red.
*Default is Blue.

Notes

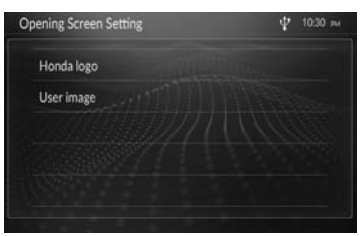
- Refer to “Media and Data that can be used on the Audio system” for details on supported file formats (➡ Page 61).
- Image files that are not described in the “Media and Data that can be used on the Audio system” (➡ Page 61) cannot be supported.
- Image resolution support 800x480 Pixel.

Opening Screen Settings

● Opening Screen Settings



(1) Touch Opening Screen on the settings screen.

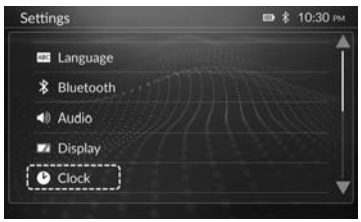


(2) The Opening Screen settings screen is displayed

- Honda logo Set the opening screen to Honda logo.
  *Default is Honda logo.
- User image customize the opening screen with an image from USB.

Clock Settings

You can setting the clock following below.



(1) Touch Clock on the Settings screen.

(2) The Clock Settings screen is displayed.

- [Clock Adjust] Displays the Clock Adjust screen.
- [On-Screen Clock] ON/OFF switch.
  This switch controls clock indicator on the top-right of the screen.
- [24-Hour Time] ON/OFF switch.
  This switch control clock display “24-hour” or “12-hour”.

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

- When settings clock time/date is done, touch Enter button to confirm the saving value.

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).	01:00AM~12:59AM 01:00PM~12:59PM 2000-1-1~2069-12-31	12:00AM 2018-1-1
On-screen Clock	Set whether to display clock on the screen or not.	ON/OFF	ON
24-Hour Time	Set hour to display clock on the screen.	12/24 Hour	OFF (24 Hour)

Rear Camera Setting

You can setting the Rear Camera following below.

(1) Touch Rear Camera on the Settings screen.

(2) The Rear Camera Settings screen is displayed.

- **Last view**
  Keep the last view mode when the gear stick is shifted to the REVERE(R) position.
- **Wide view when last view is Top view**
  If Top view was last used before your turned off the engine, Wide view mode is select next time you turn the ignition switch to ON and shaft to REVERSE (R).
- **Normal view when last view is Top view**
  If Top view was last used before your turned off the engine, Normal view mode is select next time you turn the ignition switch to ON and shaft to REVERSE (R).

Note

* Not available on all model.

LaneWatch Setting

You can setting the LaneWatch following below.

(1) Touch LaneWatch on the Settings screen.

(2) The LaneWatch Settings screen is displayed.

- Show with Turn Signal
  LaneWatch screen display when Turn Signal is ON.
- Display Time after Turn Signal Off
  You can set the time value of display LaneWatch after Turn Signal is Off.
- Reference Line
  You can set whether to display reference line.

Note

* Not available on all model.

Software information and Open Source Licenses

You can see the Software information following below.

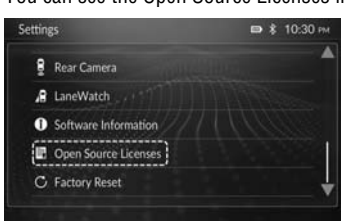
(1) Touch Software Information on the Settings screen.

(2) The Software Information screen is displayed.

Display the following information.

- [Model Number]
- [Application Version]

You can see the Open Source Licenses information following below.



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

- Open Source Licenses
- About iAuto

Note

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

Factory Reset Settings

Initialize all settings you have made, once initialized 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] in Settings screen.
2. A confirmation message appears. Touch [Yes] to proceed.
3. The <Initializing> message appears.
4. This car audio system will restart when reset 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…	WebLink module have not prepared completely and cannot be used.
Media Library loading	Media Library is loading, please wait a moment.
No Playable Tracks	There is no playable tracks in your iPod device.
No USB Memory	USB device is not connected.
No Playable Files	There is no playable files in your USB device.
Check the USB device	When an error occurs that operation of connected USB can not be continued.
Not support USB HUB	USB HUB is connected.
Device No Response	The unit has no response for a long time.
Device connection exception! Please check USB interface is correct and restart the vehicle.	When Overcurrent occurs.
Mobile phone does not support back control	Users cannot back control mobile phones by touching Head Unit screen.
Unsupported Device	When you connect an iAP1 iPod device.
Communication error	When a communication error happens. (high temperature, etc.)

Messages	A message is displayed when:
Pairing Failed	BT phone pairing & connection failed.
5 Phones had added	5 Phones had connected to the Head Unit.
Not connected	BT phone connection failed after selecting.

Troubleshooting

What appears to be trouble is not always serious. Check the following points before calling a service center.

● For operations with the 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	Checking Items
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 are not properly copied into 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 the one 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.
A lot of 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	Checking Items
WebLink	
The WebLink does not turn on or does not work.	⇒ Minimum 3G network is recommended ⇒ Check the connection. ⇒ Update the firmware version. ⇒ Charge the battery. ⇒ Reset the Smartphone
When connecting WebLink for the 1st time, it may take long time depending on phone and network.	⇒ Please retry USB connection or restart 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 for Bluetooth® phone. ⇒ Turn off, then turn on the unit. (When 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	Checking Items
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 PIN code. (➡ Page 44) ⇒ For devices compatible with Bluetooth® 2.0: Enter the same PIN code for both the unit and target device. ⇒ Turn off, then turn on the Bluetooth® device.
The unit does not respond when you try to copy the phone book to the unit.	⇒ You may have tried to copy the same entries (as stored) to the unit.

Specifications

2DIN Display Audio	: AH2201/ BH2201
Dimension	: 216 mm (W) x 132.2 mm (H) x 160 mm (D)
Weight	: 1.37 kg.
Operating Voltage	: 12 V (10 V to 16 V allowable)
Maximum Current Consumption	: 10 A
Operational Temperature Range	: –20°C to +70°C

<Common parts>

Maximum output	: 40 W x 4 ch
Rated output	: 20 W x 4 ch (10 %T.H.D.)
Suited speakers Impedance	: 4 Ω

<FM tuner unit>

Received frequency range	: 87.50 MHz to 108.00 MHz
Usable sensitivity	: 10 dB (μV)
Signal-to-noise ratio	: 45 dB

<AM tuner unit>

Received frequency range	: 522 kHz to 1629 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 1.5 A x 1
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), 0 dBm (AVE), Power Class 2
Maximum Communication Range	: Line of sight approx. 10 m
Audio Codec	
Profile	: SBC
	: HFP (V 1.6) (Hands Free Profile) A2DP (V 1.3) (Advanced Audio Distribution Profile) AVRCP (V1.6) (Audio/Video Remote Control Profile) GAP (Generic Access Profile) PBAP (Phone Book Access Profile) SPP (Serial Port Profile)

<Display section>

Liquid crystal panel	: 8.0 V-type low reflecting panel
Display size	: 186.5 mm x 117.22 mm (Width x Height)
Number of dots	: 1,104,000 pixels (800 (H) x 480 (V) x 3 (RGB))
Display type	: Transmissive color filter method
Drive system	: TFT (thin-film transistor) Active matrix type
Touch panel	: Resistance 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	○
	.aac	○
	.wav	○
	.flac	○
	.ape	○
Video	.3gp	○
	.mp4	○
	.avi	○
	.mov	○
	.flv	○
Image	.PNG	○
	.JPG	○

3 Data Specifications

Playable Audio Media

Codec \ Format		AAC .m4a	WMA .wma	MP3 .mp3	APE .ape	FLAC .flac	WAV .wav	Remark
	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	-	

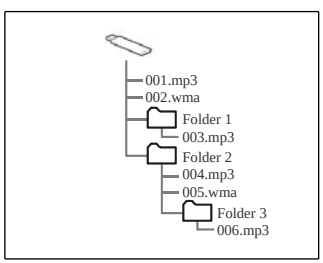
Playable Video Media

Codec \ Container		3GP .3gp	MP4 .mp4	AVI .avi	MOV .mov	FLV .flv	Remark
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 blanc 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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  (i) encode video in compliance with the MPEG-4 Visual Standard (“MPEG-4 Video”) and/or
  (ii) decode MPEG-4 Video that was encoded by a consumer engaged in a personal activity and/or was obtained from a video provider licensed to provide MPEG-4 Video.
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  (ii) decode AVC Video that was encoded by a consumer engaged in a personal activity and/or was obtained from a video provider licensed to provide AVC Video.
  No license is granted or shall be implied for any other use.
  Additional information may be obtained from MPEG LA, L.L.C.
  See http://www.mpegla.com

Law and Regulation

FCC CAUTION
Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines as this equipment has very low levels of RF energy. [※]

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.

Statement of Compliance with RE Directive (2014/53/EU)

This vehicle's car audio conforms to the basic requirement of the RE Directive (2014/53/EU) and related regulations.

- Manufacturer name and address
  Panasonic Automotive Systems Asia Pacific Co.,Ltd
  101 Moo 2 Teparak Rd, T. Bangsaothong, A. Bangsaothong, Samutprakarn 10570 Thailand
- Transmit frequency 2402 – 2480 MHz
- Maximum radio frequency 4 dBm
- Importer name and address

Importer	Importer address
PANASONIC INDIA PVT LTD	Panasonic India Pvt. Ltd. Khasra No.673, N.H.-08 (Delhi-Jaipur Highway) Mother Warehouse(Gurgaon) 12201, Haryana, India
PT. JAYA VICTORI CEMERLANG	JL.CIDENG TIMUR NO.6-D, KEL.PETOJO UTARA, KEC.GAMBIR, JAKARTA PUSAT

This product is in compliance with RE Directive (2014/53/EU). The full text of the EU declaration of conformity is available at the following website.
URL: http://www.ptc.panasonic.eu/filedepot

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In addition, it is necessary for end users to provide their own internet connection.

The end user is responsible for any connection or line charges incurred through browsing websites or downloading.

<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

Furthermore, corresponding source code is freely available to you and any member of the public at the website below:
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Memo

YEFM0412419 EN.indb 71 9/16/19 11:07 AM