



**7-INCH AUDIO/VIDEO RECEIVER**

**iLX-507**

**HALO9 9-INCH AUDIO/VIDEO RECEIVER**

**iLX-F509**

**HALO11 11-INCH AUDIO/VIDEO RECEIVER**

**iLX-F511**

**9-INCH SEPARATE AUDIO/VIDEO RECEIVER**

**i509**

EN

FR

ES

- OWNER'S MANUAL  
Please read before using this equipment.
- MODE D'EMPLOI  
Veuillez lire avant d'utiliser cet appareil.
- MANUAL DE OPERACIÓN  
Léalo antes de utilizar este equipo.

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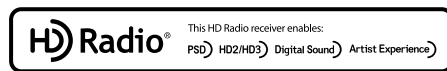
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Designed by ALPS ALPINE Japan  
68-41657Z86-B (Y\_A5)  
Model: Music Halo

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**LIMITED WARRANTY**



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## Operating Instructions

### PRECAUTIONS

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#### IMPORTANT INFORMATION

##### FCC COMPLIANCE STATEMENT

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 more reasonable protection against harmful interference in a residential installation, and are more stringent than "outdoor" requirements.

Operation is subjected 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 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, you are 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 the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult an experienced radio/TV technician.

### WARNING

---

#### Points to Observe for Safe Usage

- Read this manual carefully before using this system components. They contain instructions on how to use this product in a safe and effective manner. Alpine cannot be responsible for problems resulting from failure to observe the instructions in this manual.
- This manual uses various pictorial displays to show you how to use this product safely and to alert you to potential dangers resulting from improper connections and operation. Following are the meanings of these pictorial displays. It is important to fully understand the meanings of these pictorial displays in order to use this manual and the system properly.
- This product may be used with software applications. Please follow all usage instructions and warnings when using this product at all times. Do not use this product or any software application in a manner which will hinder safe operation of your vehicle.

### WARNING

- Operation of the system while driving is dangerous. Users should stop vehicle before operating the software.
- Road conditions and regulations take precedence over information contained on the map display: observe actual traffic restrictions and circumstances while driving.
- This software is designed for use exclusively in the unit. It cannot and may not be used in conjunction with other hardware.

### WARNING

This symbol means important instructions. Failure to heed them can result in serious injury or death.

---

#### INSTALL THE PRODUCT CORRECTLY SO THAT THE DRIVER CANNOT WATCH TV/VIDEO UNLESS THE VEHICLE IS STOPPED AND THE PARKING BRAKE IS APPLIED.

It is dangerous for the driver to watch TV/Video while driving a vehicle. Installing this product incorrectly enables the driver to watch TV/Video while driving. This may cause a distraction, preventing the driver from looking ahead, thus causing an accident. The driver or other people could be severely injured.

---

#### DO NOT WATCH VIDEO WHILE DRIVING.

Watching the video may distract the driver from looking ahead of the vehicle and cause an accident.

---

#### DO NOT OPERATE ANY FUNCTION THAT TAKES YOUR ATTENTION AWAY FROM SAFELY DRIVING YOUR VEHICLE.

Any function that requires your prolonged attention should only be performed after coming to a complete stop. Always stop the vehicle in a safe location before performing these functions. Failure to do so may result in an accident.

---

#### KEEP THE VOLUME AT A LEVEL WHERE YOU CAN STILL HEAR OUTSIDE NOISES WHILE DRIVING.

Excessive volume levels that obscure sounds such as emergency vehicle sirens or road warning signals (train crossings, etc.) can be dangerous and may result in an accident. LISTENING AT LOUD VOLUME LEVELS IN A CAR MAY ALSO CAUSE HEARING DAMAGE.



---

**MINIMIZE DISPLAY VIEWING WHILE DRIVING.**

Viewing the display may distract the driver from looking ahead of the vehicle and cause an accident.

---

**DO NOT DISASSEMBLE OR ALTER.**

Doing so may result in an accident, fire or electric shock.

---

**USE ONLY IN CARS WITH A 12 VOLT NEGATIVE GROUND.**

(Check with your dealer if you are not sure.) Failure to do so may result in fire, etc.

---

**KEEP SMALL OBJECTS SUCH AS SCREWS OUT OF THE REACH OF CHILDREN.**

Swallowing them may result in serious injury. If swallowed, consult a physician immediately.

---

**USE THE CORRECT AMPERE RATING WHEN REPLACING FUSES.**

Failure to do so may result in fire or electric shock.

---

**DO NOT BLOCK VENTS OR RADIATOR PANELS.**

Doing so may cause heat to build up inside and may result in fire.

---

**USE THIS PRODUCT FOR MOBILE 12V APPLICATIONS.**

Use for other than its designed application may result in fire, electric shock or other injury.

---

**MAKE THE CORRECT CONNECTIONS.**

Failure to make the proper connections may result in fire or product damage.

---

**BEFORE WIRING, DISCONNECT THE CABLE FROM THE NEGATIVE BATTERY TERMINAL.**

Failure to do so may result in electric shock or injury due to electrical shorts.

---

**DO NOT ALLOW CABLES TO BECOME ENTANGLED IN SURROUNDING OBJECTS.**

Arrange wiring and cables in compliance with the manual to prevent obstructions when driving. Cables or wiring that obstruct or hang up on places such as the steering wheel, gear lever, brake pedals, etc. can be extremely hazardous.

---

**DO NOT SPLICE INTO ELECTRICAL CABLES.**

Never cut away cable insulation to supply power to other equipment. Doing so will exceed the current carrying capacity of the wire and result in fire or electric shock.

---

**DO NOT DAMAGE PIPE OR WIRING WHEN DRILLING HOLES.**

When drilling holes in the chassis for installation, take precautions so as not to contact, damage or obstruct pipes, fuel lines, tanks or electrical wiring. Failure to take such precautions may result in fire.

---

**DO NOT USE BOLTS OR NUTS IN THE BRAKE OR STEERING SYSTEMS TO MAKE GROUND CONNECTIONS.**

Bolts or nuts used for the brake or steering systems (or any other safety-related system), or tanks should NEVER be used for installations or ground connections. Using such parts could disable control of the vehicle and cause fire etc.

---

**DO NOT INSTALL IN LOCATIONS WHICH MIGHT HINDER VEHICLE OPERATION, SUCH AS THE STEERING WHEEL OR GEARSHIFT.**

Doing so may obstruct forward vision or hamper movement etc. and results in serious accident.

---

** CAUTION**

This symbol means important instructions. Failure to heed them can result in injury or material property damage.

---

**HALT USE IMMEDIATELY IF A PROBLEM APPEARS.**

Failure to do so may cause personal injury or damage to the product. Return it to your authorized Alpine dealer or the nearest Alpine Service Center for repairing.

---

**HAVE THE WIRING AND INSTALLATION DONE BY EXPERTS.**

The wiring and installation of this unit requires special technical skill and experience. To ensure safety, always contact the dealer where you purchased this product to have the work done.

---

**USE SPECIFIED ACCESSORY PARTS AND INSTALL THEM SECURELY.**

Be sure to use only the specified accessory parts. Use of other than designated parts may damage this unit internally or may not securely install the unit in place. This may cause parts to become loose resulting in hazards or product failure.

---

**ARRANGE THE WIRING SO IT IS NOT CRIMPED OR PINCHED BY A SHARP METAL EDGE.**

Route the cables and wiring away from moving parts (like the seat rails) or sharp or pointed edges. This will prevent crimping and damage to the wiring. If wiring passes through a hole in metal, use a rubber grommet to prevent the wire's insulation from being cut by the metal edge of the hole.

---

**DO NOT INSTALL IN LOCATIONS WITH HIGH MOISTURE OR DUST.**

Avoid installing the unit in locations with high incidence of moisture or dust. Moisture or dust that penetrates into this unit may result in product failure.

## NOTICE

### Product Cleaning

Use a soft dry cloth for periodic cleaning of the product. For more severe stains, please dampen the cloth with water only. Anything else has the chance of dissolving the paint or damaging the plastic.

### Temperature

Be sure the temperature inside the vehicle is between +45°C (+113°F) and 0°C (+32°F) before turning your unit on.

### Maintenance

If you have problems, do not attempt to repair the unit yourself. Return it to your Alpine dealer or the nearest Alpine Service Station for servicing.

### Protecting the USB connector

- Only an iPhone or USB flash drive can be connected to the USB connector on this unit. Correct performance using other USB products cannot be guaranteed.
- If the USB connector is used, be sure to use only the supplied connector cable with the unit. A USB hub is not supported.
- Depending on the connected USB flash drive, the unit may not function or some functions may not be performed.
- The audio file formats that can be played on the unit is MP3/WMA/AAC/FLAC/WAV/APE.
- Artist/song name, etc., can be displayed. Certain, special characters may not be correctly displayed.

## CAUTION

Alpine accepts no responsibility for lost data, etc., even if data, etc., is lost while using this product.

### On Handling USB Flash drive

- This unit can control a memory storage device that supports the USB Mass Storage Class (MSC) protocol. Playable audio file formats are MP3, WMA, AAC, FLAC, WAV and APE.
- USB Flash drive function is not guaranteed. Use a USB flash drive according to the terms of agreement. Read the USB flash drive Owner's Manual thoroughly.
- Avoid usage or storage in the following locations: Anywhere in the car exposed to direct sunlight or high temperatures. Anywhere the possibility of high humidity or corrosive substances are present.
- Fix the USB flash drive in a location where driver operation will not be hindered.
- USB Flash drive may not function correctly at high or low temperature.
- Use only certified USB flash drive. Note that even certified USB flash drive, may not function correctly depending on its type or state.
- Depending on the settings of the USB flash drive type, memory state or encoding software, the unit may not play back or display properly.
- USB Flash drive may take time to start playback. If there is a particular file other than audio in the USB flash drive, it may take considerable time before the file is played back or searched.
- The unit can play back "mp3," "wma," "m4a," "flac," "fla," "wav," and "ape" file extensions.
- Do not add the above extensions to a file other than audio data. This non-audio data will not be recognized. The resulting playback may contain noise that can damage speakers and/or amplifiers.
- It is recommended to back up important data on a personal computer.
- Do not remove the USB device while playback is in progress. Change SOURCE to something other than USB, then remove the USB device to prevent possible damage to its memory.

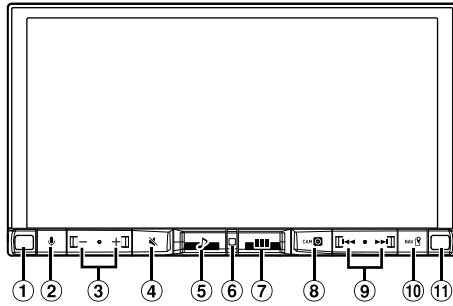
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Made for iPhone SE (2nd generation), iPhone 11 Pro Max, iPhone 11 Pro, iPhone 11, iPhone XS Max, iPhone XS, iPhone XR, iPhone X, iPhone 8 Plus, iPhone 8, iPhone 7 Plus, iPhone 7, iPhone SE, iPhone 6s Plus, iPhone 6s.

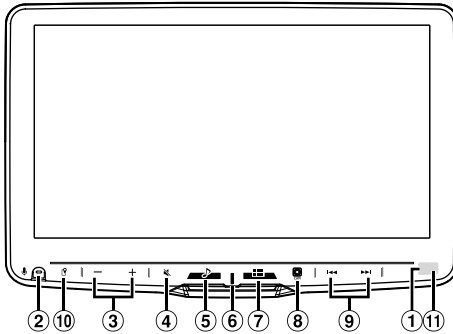
# Getting Started

## Location of Controls

### ■ iLX-507



### ■ iLX-F509/iLX-F511



- ① **Dimmer Sensor**  
Senses the brightness of the car interior.
- ② **Microphone button**  
Activate Siri function or voice recognition mode while Apple CarPlay or Android Auto is connected.
- ③ **- / + (DOWN/UP) button**  
Adjusts the volume.
- ④ **(MUTE) button**  
Activates/deactivates MUTE mode.  
Press and hold this button for at least 2 seconds to turn off the screen/button illumination.
- ⑤ **(Audio) button**  
Displays the Audio playback screen.  
Audio sources can be switched while the Audio playback screen is displayed.
  - When displaying a screen different from the audio source (such as the map screen for Apple CarPlay or Android Auto), the audio source is switched without changing the screen display.

- ⑥ **Power indicator**

- ⑦ **(HOME) button**

Displays the HOME screen.  
The Sound Setup screen is displayed while the HOME screen is displayed.  
Press and hold this button for at least 2 seconds to turn the power off.

- ⑧ **(CAM) button**

Displays the image of Camera2 (Front/Side/Other) or Camera1 (Rear).  
Press for 1 second or more to return to the previous screen.

- ⑨ **Seek/Play/Pause button**

Press to seek up/down a station in radio mode or up/down a track, etc., in other audio/visual sources.

- ⑩ **(MAP) button**

Displays the map screen for Apple CarPlay / Android Auto when Apple CarPlay or Android Auto is connected.

- ⑪ **Remote Sensor**

Point the remote control transmitter towards the remote sensor within a range of 2 meters.

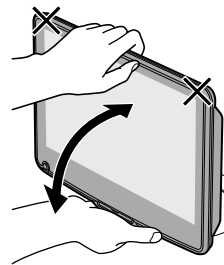
#### About the button descriptions used in this Owner's Manual

The buttons found on the face of the unit are expressed in bold (e.g. **(HOME)**). The buttons found on the touch-screen display are shown in bold within brackets, **[ ]** (e.g. **[OK]**).

#### ⚠ CAUTION

##### ■ iLX-F509/iLX-F511 only

To adjust the display angle, hold the center of the top and bottom of the display to move it. To protect the display, do not hold the left and right ends to move it.



---

## Turning Power On or Off

---

When the ignition key is turned to ACC or ON, the opening screen will be automatically displayed.

### 1 Turn the ignition key to the ACC or ON position.

The unit turns on.

- When using the system for the first time, the HOME screen is displayed.
- When turned on, the unit displays the last screen that was displayed before the ignition key was turned off. For example, if the unit is in radio mode when ignition is turned off, it will remain in radio mode when ignition is turned back on.

### 2 To turn the unit to off, turn the ignition key to the OFF position.

- The unit is a precision device. Careful handling of the unit should provide you with years of trouble-free operation.
- Some of this unit's functions cannot be performed while the vehicle is in motion. Be sure to stop your vehicle in a safe location and apply the parking brake before attempting these operations.

---

## Adjusting the Volume

---

### Adjust the volume by touching – / +.

Volume decreases/increases continuously by touching and holding – / +.  
Volume: 0 to 35

---

## Lowering Volume Quickly

---

Audio Mute function instantly lowers the volume level to 0.

### 1 Press the (MUTE) button to activate MUTE mode.

The audio level will be 0 and the mute indicator will flash.

### 2 Press the (MUTE) button again to bring the audio back to previous volume level.

---

## Turning off the screen/button illumination (Display OFF)

---

You can turn off the screen and button illumination without changing the audio output.

### 1 Press and hold the (MUTE) button for at least 2 seconds.

The screen/button illumination is turned off.

### 2 To cancel Display OFF mode, press and hold the (MUTE) button for at least 2 seconds or touch the screen.

- When there is an interrupt such as an incoming hands-free call, Display OFF is canceled.

---

## Touch Screen Operation

---

You can operate the unit by using the touch panel display.

- Be sure to touch the onscreen button lightly with the pad of your finger to avoid scratching the display.

### Touch operation

Touch a button or list item on the screen lightly.



- If you touch a button and there is no reaction, lift your finger.
- Onscreen buttons that cannot be operated are dimmed.

### Swipe operation

Move your finger lightly with a swipe.



## Switching Sources

### 1 Press the (HOME) button.

The HOME screen is displayed.



### 2 Touch your desired source icon.

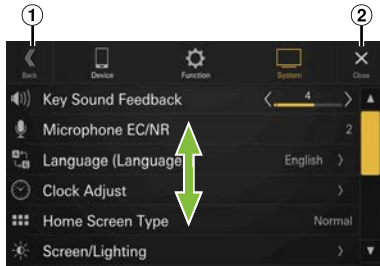
- You can change the audio source icon location on the screen. For details, see "Editing HOME screen" (page 33).

## Selecting an Item in a List

To scroll through a list, perform the following operations.

### Touch the screen and slide your finger up and down.

The screen will scroll along with your finger movement.



- Returns to the previous screen.
- Closes the window.

- After touching the screen, move your finger away from the screen before dragging and that item will be selected.

## About the HOME Screen

In the HOME screen, select the audio source to perform various settings and operations of the function.

- The HOME screen can be switched between Normal mode and Enhanced Text mode. For details, see "Setting the Home Screen Type" (page 32).

### Press the (HOME) button.


The HOME screen is displayed.

### Normal mode screen example




### Enhanced Text mode screen example



- Touch to display the Sound Setup screen.
  - The Sound Setup screen can also be displayed by pressing the  (HOME) button while the HOME screen is displayed.
- Touch to change the page.
  - Pages can also be changed by swiping the HOME screen horizontally with your finger.
- Audio source select area
 

Touch your desired source icon to change the audio source.

  - The order of source icons can be changed. For details, see "Editing HOME screen" (page 33).
- HOME screen navigation
- Thumbnail window for the current source
 

Source name, artwork and title information are displayed. Touch the artwork to display the source screen. Touch  to play/pause a track or video.

## About the Indicator Display

The Indicator Bar at the top of the screen displays various types of information, like the current time.



### ① Phone shortcut button

The Device List screen is displayed when a Phone, CarPlay or Android Auto device is not connected. The hands-free phone screen (Recent Call, Phone Book, Keypad) is displayed when the hands-free phone is connected. The screen of the previous logout is displayed. The Apple CarPlay screen is displayed while Apple CarPlay is connected. The Android Auto screen is displayed while Android Auto is connected.

### ② Lights up when connecting the hands-free phone ① via Bluetooth. (Does not display when connection is set to OFF.)

### ③ Indicates the battery level of the connected hands-free phone ①.

No Battery	Level 1	Level 2	Level 3	Level 4	Level 5

- This may not be displayed for the hands-free phone ②.

### ④ Indicates the Bluetooth signal strength level of the connected hands-free phone ①. Displayed when Bluetooth setting is ON.

0	1	2	3	4	5

- This may not be displayed for the hands-free phone ②.

### ⑤ Lights up when connecting the audio device via Bluetooth. (Does not display when connection is set to OFF.)

### ⑥ Lights up when connecting the hands-free phone ② via Bluetooth. (Does not display when connection is set to OFF.)

### ⑦ Indicates a Wi-Fi signal strength level when connected to a Wi-Fi access point with a valid internet connection.

0	1	2	3	4

### ⑧ Lights up when connecting a separately sold ALPINE KNOB (RUX-H02) via Bluetooth. You can use the RUX-H02 to adjust the volume level and sound quality (Bass Level, etc.) of this unit. For details, refer to the Owner's Manual of RUX-H02.

### ⑨ Indicates the current time. Touch to turn ON/OFF the clock display. You can switch between the 12 hour display and 24 hour display options (page 32).

# Setup

## Setup Operation

### To display the Setup Menu screen:

Your vehicle must be parked with the ignition key in the ACC or ON position. To do this, follow the procedures below.

- 1 Bring your vehicle to a complete stop at a safe location. Engage the parking brake.
- 2 Release the parking brake. (For safety, release the parking brake while depressing the foot brake pedal).
- 3 Engage the parking brake again.

- For automatic transmission vehicles, place the transmission lever in the Park position.

Now, the locking system for the Setup operation has been released. Engaging the parking brake can reactivate the Setup Menu, as long as the car's ignition has not been turned off. It is not necessary to repeat the above procedure (1 through 3).

Each time the ignition is turned OFF, perform the above procedure.


- 3 Touch the required setting category on the upper part of the Settings menu screen, and then touch the setting item.

### Setting categories:

Device: See "Device Setup" (page 17)

Function: See "Function Setup" (page 21)

System: See "System Setup" (page 31)

- 1 Press the  (HOME) button.

The HOME screen is displayed.



[Setup] button

- 2 Touch [Setup].

The Settings menu screen is displayed.





## Device Setup

[Device] is selected on the Settings menu screen.

### ■ Device Setup Menu screen



#### Setting items:

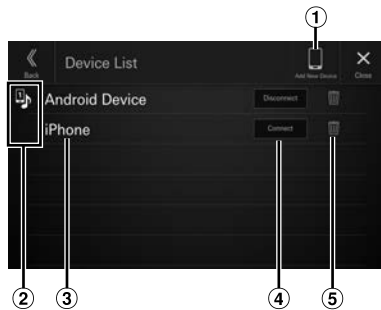
- Device List (page 17)
- Wi-Fi (page 18)
- Bluetooth (page 20)
- Device Info. (page 21)

## Displaying Device List

[Device List] is selected on the Device Setup menu screen.

The list of devices registered or connected to this unit is displayed. 10 devices compatible with Bluetooth and Wi-Fi, and 1 device compatible with Apple CarPlay or Android Auto connected via USB, can be displayed.

### ■ Device List screen example



- ① Add New Device  
Search for Bluetooth compatible devices. For details, see "Pairing the Bluetooth Device" (page 17).
- ② Function icon  
  - 📞: Hands Free1
  - 📞: Hands Free2
  - 🎵: Bluetooth Audio
  - 📞🎵: Hands Free1 + Bluetooth Audio
  - 📞🎵: Hands Free2 + Bluetooth Audio
  - 📱: Apple CarPlay
  - 🚗: Android Auto

- ③ Device Name or Device Address
- ④ Connect or disconnect the selected device. For details, see "Connecting the Device Registered in the Device List", "Disconnecting the Connected Device" (page 18).
- ⑤ Delete the selected device information. For details, see "Deleting a Bluetooth Device from the list" (page 18).

## Pairing the Bluetooth® Device

Search for Bluetooth compatible devices.

#### Setting item:

Add New Device

### 1 Touch [Add New Device].

A search for devices to connect wirelessly to the unit starts.

The Search List is displayed, and the list of searched devices is displayed.

### 2 Touch a device to connect in the list.

### 3 When a code is displayed on the device, check that the code is the same as the one on the screen of the unit, and touch [Yes].

When the device connection is complete, a message appears and the device returns to normal mode.

---

## Connecting the Device Registered in the Device List

---

Select one of 10 paired Bluetooth or Wi-Fi compatible devices that you previously registered.

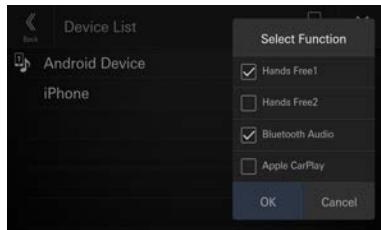
- If you want to use Apple CarPlay or Android Auto with a wireless connection, set the “Wi-Fi Mode” setting to [Phone Link Mode]. For details, see “Setting the Wi-Fi Mode” (page 18). Also, set the Wi-Fi function of your iPhone or Android smartphone to “On”.

### 1 Touch [Connect] of the device you want to connect from the Paired Device list.

The Function Select screen is displayed.

### 2 Select the function of the connecting device on the Select Function screen, and touch [OK].

A check mark is displayed for the selected function.



- Hands Free1: The device is used as the first hands-free phone or Android Auto.
- Hands Free2: The device is used as the second hands-free phone or Android Auto.
- Bluetooth Audio: The device is used as a Bluetooth Audio device.
- Apple CarPlay\*: The device is used as Apple CarPlay.
- Android Auto\*: The device is used as Android Auto.

- \* If you want to use Apple CarPlay or Android Auto mode without displaying [Apple CarPlay] or [Android Auto] on the Select Function screen, select [Hands Free1] or [Hands Free2] to connect your device.

- For example, when the device is used as a hands-free phone and Bluetooth Audio, select [Hands Free1] and [Bluetooth Audio].

When the device connection is complete, a message appears and the device returns to normal mode.

---

## Disconnecting the Connected Device

---

### Touch [Disconnect] of the device you want to disconnect from the Paired Device list.

The device is disconnected.

---

## Deleting a Bluetooth Device from the list

---

You can delete the information of a previously connected Bluetooth compatible device.

### 1 Touch [⌫] (Delete) of the Bluetooth compatible device to delete from the Paired Device list.

### 2 Touch [Yes].

- Touching [No] will cancel the setting.

---

## Wi-Fi Setup

---

[Wi-Fi] is selected on the Device Setup menu screen.

### Setting the Wi-Fi Mode

Set the Wi-Fi mode according to the environment in which Wi-Fi is used.

#### Setting item:

Wi-Fi Mode

#### Setting contents:

OFF (Initial setting) / Internet Mode / Phone Link Mode

OFF: Wi-Fi is Off.

Internet Mode: Select this item when connecting to a Wi-Fi access point with an internet connection and using TIDAL.

When the Internet Mode is selected, the Wi-Fi Management setting is enabled. For details, see “Connecting the Wi-Fi Access Point” (page 19).

Phone Link Mode: Select this item to use Apple CarPlay or Android Auto with a wireless connection.

When the Phone Link Mode is selected, the PSK for Phone Link setting is enabled. For details, see “Changing the Wi-Fi password of the unit” (page 20).

- Wireless Apple CarPlay and Android Auto are not available when the Internet Mode is selected. If you want to use a device that works with an internet connection (such as TIDAL) and Apple CarPlay/Android Auto at the same time, connect your iPhone or smartphone via USB.

## Connecting to Wi-Fi Access Point

To use TIDAL, it is necessary to connect to a Wi-Fi access point with a valid internet connection.

- Available only when “Wi-Fi Mode” setting is [Internet Mode] (page 18).
- \* Data rates may apply. Please check with your carrier for details.

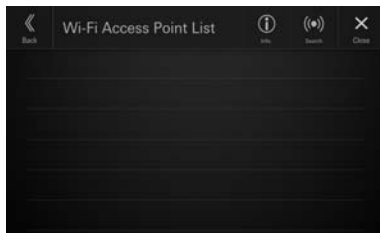
### Setting item:

Wi-Fi Management

#### 1 Touch to select [Wi-Fi Management].

The Wi-Fi Access Point List screen is displayed.

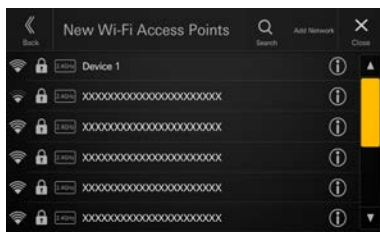
#### 2 Touch to select [Search].



Search for the Wi-Fi access point. Once the search is finished, the New Wi-Fi Access Points screen is displayed.

- The connected access points are not displayed on the search screen.

#### 3 Touch to select the access point in the list to connect.



The password input screen is displayed.

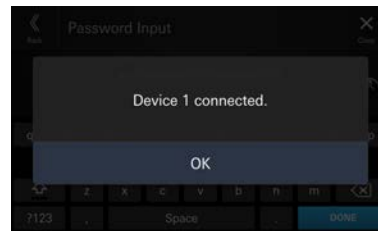
- When you touch [Add Network] on the Wi-Fi New Access Points screen, you can connect to a new access point by manually entering the SSID, security and password for the access point. 1 to 32 characters can be input for the SSID, and 8 to 64 characters for the password. If [None] is entered for security, password input is not required.

#### 4 Enter a password, then touch to select [DONE].



- Touch [X] to delete an entered number.

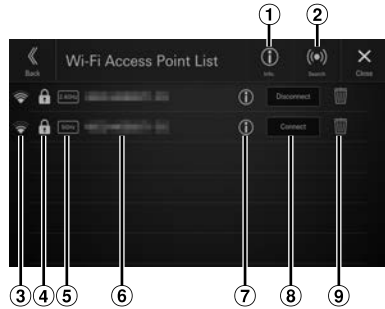
#### 5 Touch to select [OK].



When the access point connection is complete, the Wi-Fi Access Point List screen is displayed.



### ■ Wi-Fi Access Point List screen example



- ① Info.  
Touch to display the MAC address and IP address of this unit.
- ② Search  
Search for Wi-Fi access points. For details, see "Connecting the Wi-Fi Access Point" (page 19).
- ③ Signal strength of the access point
- ④ Security prompt (None/WEP/WPA/WPA2/WPA3) of the access point
- ⑤ Band display of the access point
- ⑥ SSID of the access point
- ⑦ Display detailed information on the access point
- ⑧ Connect or disconnect the selected Wi-Fi access point. For details, see "Connecting an Access Point registered in the Wi-Fi Access Point List", "Disconnecting the Connected Access Point" (page 20).
- ⑨ Delete the selected Wi-Fi access point. For details, see "Deleting the Access Point from the list" (page 20).

#### **Connecting an Access Point registered in the Wi-Fi Access Point List**

Select a Wi-Fi access point from a registered list.

#### **Touch [Connect] of the access point you want to connect from the Wi-Fi Access Point List.**

Wi-Fi connection will start.

#### **Disconnecting the Connected Access Point**

#### **Touch [Disconnect] of the access point you want to disconnect from the Wi-Fi Access Point List.**

The access point is disconnected.

#### **Deleting the Access Point from the list**

You can delete the information of a previously connected access point.

#### **1 Touch [ ] (Delete) of the access point to delete from the Wi-Fi Access Point List.**

#### **2 Touch [OK].**

- Touching [Cancel] will cancel the setting.

### Changing the Wi-Fi password of the unit

You can randomly change the Wi-Fi password (PSK) of the unit.

- Available only when "Wi-Fi Mode" setting is [Phone Link Mode] (page 18).

#### **Setting item:**

PSK for Phone Link

#### **Touch [ ] of "PSK for Phone Link".**

The Wi-Fi password (PSK) is changed.

- This password is generated on this product. You cannot create a new password.

### Bluetooth Setup

[Bluetooth] is selected on the Device Setup menu screen.

#### Setting the Bluetooth

Set to [On] when connecting the unit to the Bluetooth compatible device.

#### **Setting item:**

Bluetooth

#### **Touch [ ] (Off) or [ ] (On) of "Bluetooth".**

#### Setting the Auto Connection

You can connect the last connected device automatically.

#### **Setting item:**

Auto Connection

#### **Touch [ ] (Off) or [ ] (On) of "Auto Connection".**

## Setting the PIN Code

You can set the PIN code for connecting with a Bluetooth compatible device.

### Setting item:

Bluetooth PIN Code

### 1 Touch [Bluetooth PIN Code].

A numeric keypad screen is displayed.

### 2 Touch [Delete All].

The displayed PIN code is cleared, then you can enter the new PIN code.

### 3 Enter a 4-digit passcode, and then touch [OK].

- The initial number is 0000.
- Touch [X] to delete an entered number.
- Touch [Delete All] to delete all entered numbers.

## Displaying Device Information

You can display the Bluetooth or Wi-Fi device name and device address of this unit.

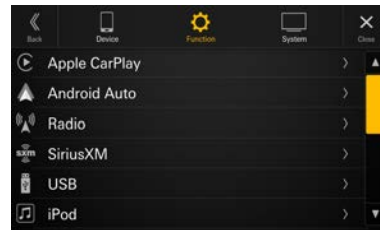
### Setting item:

Device Info

## Function Setup

[Function] is selected on the Settings menu screen.

### Function Setup Menu screen

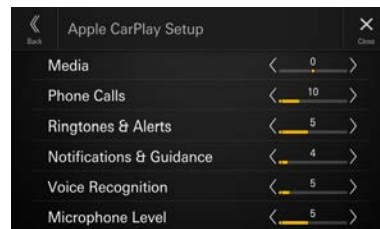


### Setting items:

- Apple CarPlay (page 21)
- Android Auto (page 22)
- Radio (page 23)
- SiriusXM (page 23)
- USB (page 24)
- iPod (page 24)
- Auxiliary (page 24)
- HDMI (page 25)
- Phone (page 26)
- Bluetooth Audio (page 27)
- Factory Audio (page 27)
- Dash Cam (page 28)
- Camera (page 29)
- TIDAL (page 30)

## Apple CarPlay Setup

[Apple CarPlay] is selected on the Function Setup Menu screen.



## Adjusting the Media Level

### Setting item:

Media

### Setting level:

-14 to +14 (Initial setting: 0)

Touch [ < ] or [ > ] of "Media" to set the media volume level for CarPlay playback.

## Adjusting the Phone Call Volume

**Setting item:**

Phone Calls

**Setting level:**

1 to 35 (Initial setting: 5)

Touch [ < ] or [ > ] of “Phone Calls” to set the call volume level.

## Adjusting the Ringtones and Alerts Level

**Setting item:**

Ringtones & Alerts

**Setting level:**

1 to 11 (Initial setting: 5)

Touch [ < ] or [ > ] of “Ringtones & Alerts” to set the volume level for ringtones and alerts.

## Adjusting the Notifications and Guidance Level

**Setting item:**

Notifications & Guidance

**Setting level:**

1 to 35 (Initial setting: 10)

Touch [ < ] or [ > ] of “Notifications & Guidance” to set the volume level for notifications and guidance.

## Adjusting the Voice Recognition Level

**Setting item:**

Voice Recognition

**Setting level:**

1 to 35 (Initial setting: 10)

Touch [ < ] or [ > ] of “Voice Recognition” to set the volume level for voice recognition.

## Adjusting the Microphone Level

**Setting item:**

Microphone Level

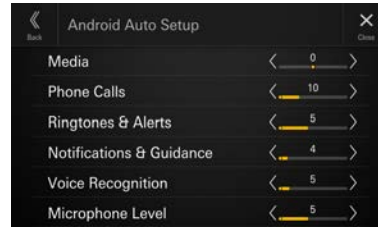
**Setting level:**

1 to 11 (Initial setting: 5)

Touch [ < ] or [ > ] of “Microphone Level” to set the microphone volume level.

## Android Auto Setup

[Android Auto] is selected on the Function Setup Menu screen.



## Adjusting the Media Level

**Setting item:**

Media

**Setting level:**

-14 to +14 (Initial setting: 0)

Touch [ < ] or [ > ] of “Media” to set the media volume level for Android Auto playback.

## Adjusting the Phone Call Volume

**Setting item:**

Phone Calls

**Setting level:**

1 to 35 (Initial setting: 5)

Touch [ < ] or [ > ] of “Phone Calls” to set the call volume level.

## Adjusting the Ringtones and Alerts Level

**Setting item:**

Ringtones & Alerts

**Setting level:**

1 to 11 (Initial setting: 5)

Touch [ < ] or [ > ] of “Ringtones & Alerts” to set the volume level for ringtones and alerts.

## Adjusting the Notifications and Guidance Level

**Setting item:**  
Notifications & Guidance  
**Setting level:**  
1 to 35 (Initial setting: 10)

**Touch [ < ] or [ > ] of “Notifications & Guidance” to set the volume level for notifications and guidance.**

## Adjusting the Voice Recognition Level

**Setting item:**  
Voice Recognition  
**Setting level:**  
1 to 35 (Initial setting: 10)

**Touch [ < ] or [ > ] of “Voice Recognition” to set the volume level for voice recognition.**

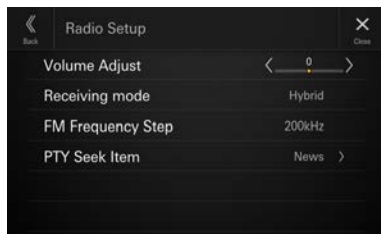
## Adjusting the Microphone Level

**Setting item:**  
Microphone Level  
**Setting level:**  
1 to 11 (Initial setting: 5)

**Touch [ < ] or [ > ] of “Microphone Level” to set the microphone volume level.**

## Radio Setup

[Radio] is selected on the Function Setup Menu screen.



## Adjusting the Radio Volume

**Setting item:**  
Volume Adjust  
**Setting level:**  
-14 to +14 (Initial setting: 0)

**Touch [ < ] or [ > ] of “Volume Adjust” to set the radio volume level.**

## Setting the Receiving mode

Receiving mode can be set for FM radio reception.

**Setting item:**  
Receiving mode  
**Setting contents:**  
Hybrid (Initial setting) / Forced Analog  
  
Hybrid: Automatically switches to analog reception to reduce noise when there is a large amount of noise due to poor reception.  
  
Forced Analog: Unit is forced to receive analog signals.

## Setting the FM Frequency Step

During manual tuning, you can select the frequency step for FM analog radio station searching.

**Setting item:**  
FM Frequency Step  
**Setting contents:**  
100kHz / 200kHz (Initial setting)

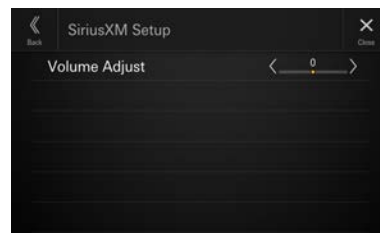
## Setting the PTY Seek Item

Set the program item received by PTY Seek.

**Setting item:**  
PTY Seek Item  
**Setting contents:**  
News (Initial setting) / Information / Sports / Talk / Rock / Classic Rock / Adult Hits / Soft Rock / Top 40 / Country / Oldies / Soft / Nostalgia / Jazz / Classical / Rhythm and Blues / Soft R & B / Foreign Language / Religious Music / Religious Talk / Personality / Public / College / Weather

## SiriusXM Setup

[SiriusXM] is selected on the Function Setup Menu screen.



## Adjusting the SiriusXM Volume

**Setting item:**  
Volume Adjust  
**Setting level:**  
-14 to +14 (Initial setting: 0)

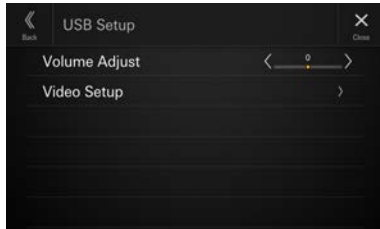
**Touch [ < ] or [ > ] of “Volume Adjust” to set the SiriusXM volume level.**

---

## USB Setup

---

[USB] is selected on the Function Setup Menu screen.



### Adjusting the USB Volume

**Setting item:**  
Volume Adjust

**Setting level:**  
-14 to +14 (Initial setting: 0)

Touch [ < ] or [ > ] of "Volume Adjust" to set the volume level for USB Audio/USB Video playback.

### Video Setup

**Setting item:**  
Video Setup

Touch [ < ] or [ > ] of "Brightness, Color, Contrast" to set the picture quality.

- Available only when the current source is USB Video.

#### Adjusting Brightness

**Setting item:**  
Brightness

**Setting contents:**  
-15 to +15 (Initial setting: 0)

#### Adjusting Color of Picture

**Setting item:**  
Color

**Setting contents:**  
0 to 2 (Initial setting: 0)

#### Adjusting Image Contrast

**Setting item:**  
Contrast

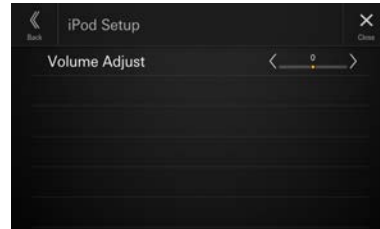
**Setting contents:**  
-15 to +15 (Initial setting: 0)

---

## iPod Setup

---

[iPod] is selected on the Function Setup Menu screen.



### Adjusting the iPod Volume

**Setting item:**  
Volume Adjust

**Setting level:**  
-14 to +14 (Initial setting: 0)

Touch [ < ] or [ > ] of "Volume Adjust" to set the volume level for iPod playback.

---

## AUX (Auxiliary) Setup

---

[Auxiliary] is selected on the Function Setup Menu screen.



### Adjusting the AUX Volume

**Setting item:**  
Volume Adjust

**Setting level:**  
-14 to +14 (Initial setting: 0)

Touch [ < ] or [ > ] of "Volume Adjust" to set the volume level for AUX playback.



## Setting the Auxiliary (AUX) Name

Set the display name of an external device. This name is displayed as a source name on the HOME screen or Audio screen.

**Setting item:**

AUX Name

**Setting contents:**

Off / Auxiliary (Initial setting) / Digital TV

- Not available when the current source is Auxiliary (or Digital TV).

## Video Setup

**Setting item:**

Video Setup

Touch [ < ] or [ > ] of “Brightness, Color, Contrast” to set the picture quality.

- Available only when the current source is Auxiliary (or Digital TV).

### Adjusting Brightness

**Setting item:**

Brightness

**Setting contents:**

-15 to +15 (Initial setting: 0)

### Adjusting Color of Picture

**Setting item:**

Color

**Setting contents:**

0 to 2 (Initial setting: 0)

### Adjusting Image Contrast

**Setting item:**

Contrast

**Setting contents:**

-15 to +15 (Initial setting: 0)

## HDMI Setup

[HDMI] is selected on the Function Setup Menu screen.



## Adjusting the HDMI Volume

**Setting item:**

Volume Adjust

**Setting level:**

-14 to +14 (Initial setting: 0)

Touch [ < ] or [ > ] of “Volume Adjust” to set the volume level for HDMI playback.

## Setting the HDMI Name

Set the display name of an external device connected via HDMI.

**Setting item:**

HDMI Name

**Setting contents:**

Off / HDMI (Initial setting) / Digital TV

- Not available when the current source is HDMI (or Digital TV).

## Video Setup

**Setting item:**

Video Setup

Touch [ < ] or [ > ] of “Brightness, Color, Contrast” to set the picture quality.

- Available only when the current source is HDMI (or Digital TV).

### Adjusting Brightness

**Setting item:**

Brightness

**Setting contents:**

-15 to +15 (Initial setting: 0)

### Adjusting Color of Picture

**Setting item:**

Color

**Setting contents:**

0 to 2 (Initial setting: 0)

### Adjusting Image Contrast

**Setting item:**

Contrast

**Setting contents:**

-15 to +15 (Initial setting: 0)

### Setting the HDMI Selector

Set to [On] when the optional HDMI Selector is connected.

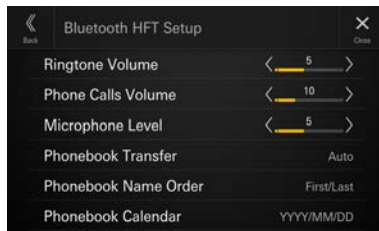
**Setting item:**

HDMI selector

Touch [  ] (Off) or [  ] (On) of "HDMI selector".

## Phone Setup

[Phone] is selected on the Function Setup Menu screen.



### Adjusting the Ringtone Volume

**Setting item:**

Ringtone Volume

**Setting level:**

1 to 11 (Initial setting: 5)

Touch [ < ] or [ > ] of "Ringtone Volume" to set the Ringtones volume level.

- Not available when Apple CarPlay or Android Auto is connected.

### Adjusting the Phone Call Volume

**Setting item:**

Phone Calls Volume

**Setting level:**

1 to 35 (Initial setting: 5)

Touch [ < ] or [ > ] of "Phone Calls Volume" to set the call volume level.

- Not available when Apple CarPlay or Android Auto is connected.

### Adjusting the Microphone Level

**Setting item:**

Microphone Level

**Setting level:**

1 to 11 (Initial setting: 5)

Touch [ < ] or [ > ] of "Microphone Level" to set the microphone volume level.

- Not available when Apple CarPlay or Android Auto is connected.

### Setting the Phonebook Transfer

Set whether to transfer the phonebook automatically.

**Setting item:**

Phonebook Transfer

**Setting contents:**

Auto (Initial setting) / Manual

### Setting the Phonebook Name Order

Set the order of the last name and first name displayed in the phonebook.

**Setting item:**

Phonebook Name Order

**Setting contents:**

Last/First / First/Last (Initial setting)

### Setting the Phonebook Calendar

Set the date format displayed in the phonebook.

**Setting item:**

Phonebook Calendar

**Setting contents:**

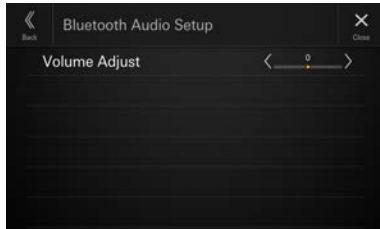
YYYY/MM/DD (Initial setting) / MM/DD/YYYY / DD/MM/YYYY

---

## Bluetooth Audio Setup

---

[**Bluetooth Audio**] is selected on the Function Setup Menu screen.



## Adjusting the Bluetooth Audio Volume

**Setting item:**

Volume Adjust

**Setting level:**

-14 to +14 (Initial setting: 0)

**Touch [ < ] or [ > ] of "Volume Adjust" to set the volume level for Bluetooth Audio playback.**

---

## Factory Audio Setting

---

[**Factory Audio**] is selected on the Function Setup Menu screen.



## Setting the OEM SXM

Set to [**On**] when operating the factory SiriusXM on the unit.

**Setting item:**

OEM SXM

**Touch [  ] (Off) or [  ] (On) of "OEM SXM".**

## Adjusting the OEM SiriusXM Volume

**Setting item:**

Volume Adjust

**Setting level:**

-14 to +14 (Initial setting: 0)

**Touch [ < ] or [ > ] of "Volume Adjust" to set the factory SiriusXM volume level.**

## Setting the OEM Media

Set to [**On**] when operating factory media (USB Audio/iPod Audio) on the unit.

**Setting item:**

OEM Media

**Touch [  ] (Off) or [  ] (On) of "OEM Media".**

## Adjusting the OEM Media Volume

**Setting item:**

Volume Adjust

**Setting level:**

-14 to +14 (Initial setting: 0)

**Touch [ < ] or [ > ] of "Volume Adjust" to set the factory media volume level.**

## Setting the Media

The Media setting can be changed for the connected iDataLink module.

**Setting item:**

Media Setup

- This setting is only available when the iDataLink Maestro® module (sold separately) is connected.
- Depending on the iDataLink module, this setting item may not be displayed or the setting contents may differ.

## Setting the Maestro Module

The Maestro Module setting can be changed for the connected iDataLink module.

**Setting item:**

Maestro Setup

- This setting is only available when the iDataLink Maestro® module (sold separately) is connected.
- Depending on the iDataLink module, this setting item may not be displayed or the setting contents may differ.

## Setting the Vehicle Information

The Vehicle Information setting can be changed for the connected iDataLink module.

**Setting item:**

Vehicle Information

- This setting is only available when the iDataLink Maestro® module (sold separately) is connected.
- Depending on the iDataLink module, this setting item may not be displayed or the setting contents may differ.

## Setting the Gauges

The Gauges setting can be changed for the connected iDataLink module.

**Setting item:**

Gauges

- This setting is only available when the iDataLink Maestro® module (sold separately) is connected.
- Depending on the iDataLink module, this setting item may not be displayed or the setting contents may differ.

## Setting the Parking Sensor

The Parking sensor setting can be changed for the connected iDataLink module.

**Setting item:**

Park Sensor

- This setting is only available when the iDataLink Maestro® module (sold separately) is connected.
- Depending on the iDataLink module, this setting item may not be displayed or the setting contents may differ.

## Setting the Climate

The Climate setting can be changed for the connected iDataLink module.

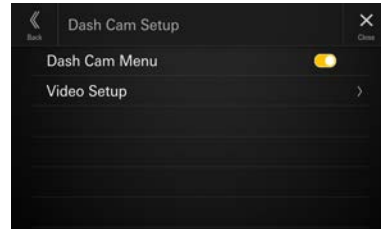
**Setting item:**

Climate

- This setting is only available when the iDataLink Maestro® module (sold separately) is connected.
- Depending on the iDataLink module, this setting item may not be displayed or the setting contents may differ.

## Dash Cam (Drive Recorder) Setup

[Dash Cam] is selected on the Function Setup Menu screen.



## Display the Dash Cam Menu

Set to [On] when the optional driver recorder is connected.

**Setting item:**

Dash Cam Menu

Touch [  ] (Off) or [  ] (On) of "Dash Cam Menu".

## Video Setup

**Setting item:**

Video Setup

Touch [ < ] or [ > ] of "Brightness, Color, Contrast" to set the picture quality.

- Available only when "Dash Cam Menu" setting is [On] (page 28).

### Adjusting Brightness

**Setting item:**

Brightness

**Setting contents:**

-15 to +15 (Initial setting: 0)

### Adjusting Color of Picture

**Setting item:**

Color

**Setting contents:**

0 to 2 (Initial setting: 0)

### Adjusting Image Contrast

**Setting item:**

Contrast

**Setting contents:**

-15 to +15 (Initial setting: 0)

## Camera Setup

[Camera] is selected on the Function Setup Menu screen.



## Setting the Reverse Camera (Camera 1)

Set to [On] when the optional reverse camera is connected.

### Setting item:

Reverse Camera (Camera 1)

Touch [  ] (Off) or [  ] (On) of "Reverse Camera (Camera 1)".

- "Reverse Camera (Camera 1)" is not available when the Camera Setup screen is displayed using [Setup] of the Camera screen.

## Reverse Camera Format Setting

When "Reverse Camera (Camera 1)" setting is [On], the video input signal type can be chosen.

### Setting item:

Reverse Camera Format

### Setting contents:

NTSC (Initial setting) / PAL

## Camera 2 Setup

Set how the second camera is used.

### Setting item:

Camera 2 Setup

### Setting contents:

Off (Initial setting) / Front / Side / Other

- "Camera 2 Setup" is not available when the Camera Setup screen is displayed using [Setup] of the Camera screen.

## Camera 2 Format Setting

When "Camera 2 Setup" setting is not [Off], the video input signal type can be chosen.

### Setting item:

Camera 2 Format

### Setting contents:

NTSC (Initial setting) / PAL

## Camera Guide Setup

You can adjust the camera guide position.

### Setting item:

Camera Guide Setup

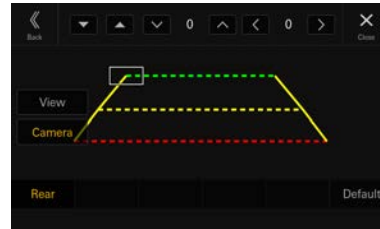
**1** Touch [Camera Guide Setup] on the Camera Setup menu screen.

The camera guide adjustment screen is displayed.

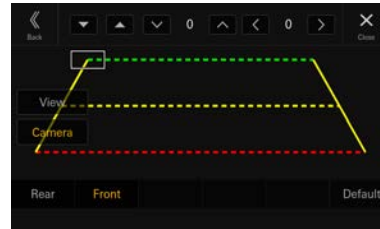
**2** Touch [Camera], and then touch a camera, [Rear], [Front] or [Side], to adjust.

- The guide line of the Other Camera cannot be adjusted.

### ■ Rear Camera screen example





### ■ Front Camera screen example



### ■ Side Camera screen example



- When adjusting the side camera, touch [View], and then [  ] (Left steering) or [  ] (Right steering) to make the guide line adjustment that matches the position of the steering wheel in your vehicle.

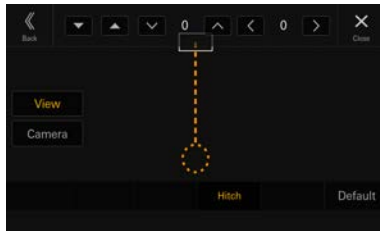
- 3 Select a guide to adjust by touching [▼][▲].
- 4 Touch [▼], [▲], [←] or [→] to adjust the position of the guide.
- 5 Touch [Back] or [Close] to complete the adjustment.

- The setting can be returned to the default setting by touching [Default].

#### **Hitch Guideline Adjustment**

Adjustment can be made only by Rear Camera.

- 1 Touch [View], and then touch [Hitch].  
The Hitch adjustment screen is displayed.



- 2 touch [▼][▲] to select the guide to adjust.
- 3 Touch [▼], [▲], [←] or [→] to adjust the position of the guide.
- 4 Touch [Back] or [Close] to complete the adjustment.

- The setting can be returned to the default setting by touching [Default].

### **Video Setup**

**Setting item:**  
Video Setup

Touch [←] or [→] of "Brightness, Color, Contrast" to set the picture quality

#### **Adjusting Brightness**

**Setting item:**  
Brightness

**Setting contents:**  
-15 to +15 (Initial setting: 0)

#### **Adjusting Color of Picture**

**Setting item:**  
Color

**Setting contents:**  
0 to 2 (Initial setting: 0)

#### **Adjusting Image Contrast**

**Setting item:**  
Contrast

**Setting contents:**  
-15 to +15 (Initial setting: 0)

### **Setting Audio Mute On/Off while Backing up**

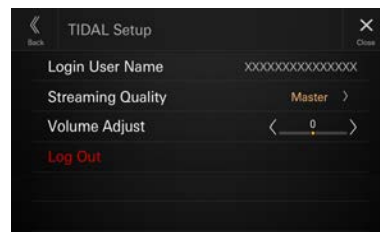
The audio volume can be muted when the shift gear lever is set to the reverse (R) position.

**Setting item:**  
Mute While Backing Up

Touch [○] (Off) or [●] (On) of "Mute While Backing Up".

### **TIDAL Setup**

[TIDAL] is selected on the Function Setup Menu screen.



### **Confirm Login User Name**

**Setting item:**  
Login User Name

- Login User Name is blank if you are not logged in to TIDAL.

## Setting the Streaming Quality

You can set the desired sound quality. Data traffic can be reduced by lowering the sound quality.

### Setting item:

Streaming Quality

### Setting contents:

Normal / High / HiFi / Master (Initial setting)

Normal:	This setting can reduce data usage and is an effective option when the communication speed is slow.
High:	This setting offers the best balance between data usage and sound quality.
HiFi:	This setting delivers sound quality equivalent to that of CDs.
Master:	This setting reproduces mastering studio sound and delivers it as the artist intended.

### 1 Touch to select [Streaming Quality].

The Streaming Quality screen is displayed.

### 2 Select the sound quality on the Streaming Quality screen, and touch [OK].

- Streaming Quality is blank if you are not logged in to TIDAL.

## Adjusting the TIDAL Volume

### Setting item:

Volume Adjust

### Setting level:

-14 to +14 (Initial setting: 0)

Touch [ < ] or [ > ] of "Volume Adjust" to set the volume level for TIDAL playback.

## Logging out of TIDAL

### Setting item:

Log Out

### 1 Touch [Log Out].

The confirmation screen is displayed.

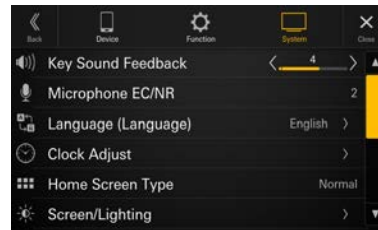
### 2 After the confirmation message appears, touch [OK].

- After logging out, the TIDAL Setup menu screen reappears, the logout setting item is invalid and grayed out.

## System Setup

[System] is selected on the Settings menu screen.

### ■ System Setup Menu screen



### Setting Items:

- Key Sound Feedback (page 31)
- Microphone EC/NR (page 31)
- Language (Language) (page 32)
- Clock Adjust (page 32)
- Home Screen Type (page 32)
- Screen/Lighting (page 32)
- Screen Color (page 33)
- Source Priority Setup (page 33)
- Vehicle Types for Phone Link (page 33)
- Installation Status (page 33)
- About/Software Update (page 34)

## Adjusting the Key Sound Volume

[Key Sound Feedback] is selected on the System Setup Menu screen

You can change the volume of the sound heard when a button is touched.

### Setting item:

Key Sound Feedback

### Setting contents:

0 to 7 (Initial setting: 4)

## Setting the Microphone Effect

[Microphone EC/NR] is selected on the System Setup Menu screen.

Set this item when using a hands-free call or calling on Apple CarPlay/Android Auto.

You can adjust the level of the Microphone Effect according to the space inside the vehicle.

### Setting item:

Microphone EC/NR

### Setting contents:

1 / 2 (Initial setting) / 3

- 1: Small space inside the vehicle
- 2: Middle space inside the vehicle
- 3: Large space inside the vehicle

- This setting does not apply to Voice Recognition function.

## Language Setup

[**Language (Language)**] is selected on the System Setup Menu screen.

The Setup menu, feedback information, etc. for this unit can be changed to appear in the selected language.

**Setting item:**

Language\*1 (Language\*2)

**Setting contents:**

English (Initial setting) / Deutsch / Français / Español / Português / Italiano / Nederlands / Suomi / Norsk / Svenska / Dansk / русский язык / Slovenčina / Polski / Český / Magyar / Ελληνικά / תעודת המדינה / Türkçe / 中文 / العربية / 日本語 / עברית / Bahasa Indonesia

- The currently selected language is displayed.

\*1 Display in the currently selected language.

\*2 Always display in English.

## Adjusting the Clock

[**Clock Adjust**] is selected on the System Setup Menu screen.

**Setting item:**

Clock Adjust

## Setting the Time Format

The time format of the clock display can be set to the 12-hour or 24-hour display according to your preference.

**Setting item:**

Time Format

**Setting contents:**

12 Hour / 24 Hour (Initial setting)

## Setting the Time Zone

The time zone can be set according to your region.

**Setting item:**

Time Zone

**Initial setting:**

UTC

## Setting the Daylight Savings Time

To set the daylight saving time (Summer Time mode), set "Daylight Savings Time" to [On].

**Setting item:**

Daylight Savings Time

Touch [  ] (Off) or [  ] (On) of "Daylight Savings Time".

## Setting the Home Screen Type

[**Home Screen Type**] is selected on the System Setup Menu screen.

The Home screen can be changed to the Enhanced Text mode. For details, see "About the HOME Screen" (page 14).

**Setting item:**

Home Screen Type

**Setting contents:**

Normal (Initial setting) / Enhanced Text

## Screen/Lighting Setup

[**Screen/Lighting**] is selected on the System Setup Menu screen.

### Setting the Brightness of the Backlighting (Dimmer)

Backlighting is provided by LEDs light built into the liquid crystal panel. The illumination control adjusts the brightness of the backlighting based on the car ambient lighting for easier viewing.

**Setting item:**

Dimmer

**Setting contents:**

Auto (Initial setting) / On / Off

Auto: Changes the brightness of the display and button lighting according to the brightness of the car interior.

On: The brightness set with [Key Illumination Level] (page 32) and [Screen Dimmer Level] (page 33) is applied regardless of the brightness of the car interior.

Off: Keeps the display and button lighting bright, regardless of the brightness of the car interior.

### Adjusting the Dimmer of Button Lighting at Night

You can adjust the brightness of the button lighting at night with the dimmer.

**Setting item:**

Key Illumination Level

**Setting level:**

-2 to +2 (Initial setting: 0)

- This setting is only available when "Dimmer" is set to [On] or [Auto].



## Adjusting the Minimum Level of Backlight

You can adjust the brightness of the backlight. This function could be used, for instance, to change the screen brightness while traveling at night.

**Setting item:**

Screen Dimmer Level

**Setting contents:**

-15 to +15 (Initial setting: 0)

- This setting is only available when "Dimmer" is set to [On] or [Auto].

## Switching the Display Color

[Screen Color] is selected on the System Setup Menu screen.

You can choose from 8 different display Colors.

**Setting item:**

Screen Color

**Setting contents:**

Glass Blue (Initial setting) / Glass Green / Glass Light Blue / Glass Red / Glass White / Steel Blue Green / Steel Amber / Steel Red

## Editing HOME screen

[Source Priority Setup] is selected on the System Setup Menu screen.

In the Widgets editing screen, you can change the audio source order.

**Setting item:**

Source Priority Setup

Touch [▼] [▲] of the source name to change the order.

## Vehicle Type Setup

[Vehicle Types for Phone Link] is selected on the System Setup Menu screen.

Apple CarPlay and Android Auto require information about the vehicle to use all functions in the best possible way.

**Setting item:**

Vehicle Types for Phone Link

## Steering wheel Setting

Set this item when Apple CarPlay is used or Android smartphone which installed Android Auto App is connected.

This setting influences Apple CarPlay/Android Auto mode.

**Setting item:**

Steering wheel

**Setting contents:**

Left (Initial setting) / Right

## Fuel Type Setting

Set the Fuel type of your car.

**Setting item:**

Fuel Type

**Setting contents:**

Unknown / Unleaded gasoline (Initial setting) / Leaded gasoline / Diesel #1 / Diesel #2 / Biodiesel / 85% ethanol/gasoline blend / Liquefied petroleum gas / Compressed natural gas / Liquefied natural gas / Electric / Hydrogen fuel cell / Other

## EV Connector Type Setting

When [Electric] is selected for "Fuel Type Setting" (page 33), set EV Connector Type.

**Setting item:**

EV Connector Type

**Setting contents:**

Unknown (Initial setting) / J1772 / Mennekes / Chademo / Combo\_1 / Combo\_2 / Tesla roadster / Tesla HPWC / Tesla Supercharger / GBT / Other

## Installation Setup

[Installation Status] is selected on the System Setup Menu screen.

Vehicle Setup enables you to check the installation status of Camera 1, Camera 2, Maestro Module, SiriusXM Tuner, Dash Cam, GPS Antenna, GPS Information, Park, Vehicle Speed, Reverse, Battery Voltage.

**Setting item:**

Installation Status

The Installation check screen is displayed.



- Depending on your vehicle, some installation status may not be checked via this function.

## About/Software Update iLX-507/ iLX-F509/iLX-F511/i509

[About/Software Update] is selected on the System Setup Menu screen.

By using [About/Software Update], the Serial Number and Model name can be checked, the Software Version can be updated, and various settings can be initialized.

- "Car by Car Update" is displayed in the setting item, but this feature is not available.

## Displaying the Product Information

You can view the version information of this product. Make note of this information and refer to it whenever you contact Alpine Tech Support or an Alpine-authorized dealer.

### Setting item:

Serial No. / Model Name

## Updating Software Version

Download the software from the Alpine website and update the product using the USB flash drive.

### Setting item:

Software Version

- 1 Plug the USB flash drive with the update file stored into the USB 1 port of the unit.**
- 2 Touch [Update] of "Software Version".**
- 3 After the confirmation message appears, touch [OK].**

Software Update screen is displayed, after finish checking the update file.
- 4 After Software Update screen is displayed, touch [Update].**

System will restart automatically when the update is complete.

- Do not turn on/off the power, change the ignition key position, until system restart is completed.

## Dedicated Tuning According to Your Car (Car by Car Update)

This setting is not used.

## Displaying Software License

### Setting contents:

Open-Source Software License

## Initializing the Sound Settings

You can restore the EQ Setting\*/X-OVER\*/Time Correction\*/Media Xpander (MX)/bass engine/Subwoofer to factory settings.

### Setting item:

Default Sound Settings

- 1 Touch [Set] of "Default Sound Settings".**
- 2 After the confirmation message appears, touch [OK].**

The system starts initialization.

\* The setting values that are stored in Preset 1 to Preset 3 cannot be initialized.

## Initializing the System

You can initialize all data, to restore the factory settings. Remove the USB flash drive, etc. from the system before operation.

### Setting item:

Clear All Settings

- 1 Touch [Reset] of "Clear All Settings".**
  - 2 After the confirmation message appears, touch [OK].**

The confirmation screen appears.
  - 3 Touch [OK].**

The system starts initialization.
- Do not turn on/off the power, change the ignition key position, until system restart is completed.

## Sound Setup

You can set up items related to the sound quality.

**Touch the upper central area [▼] of the Home screen.**

The Sound Setup screen is displayed.



- The Sound Setup screen can also be displayed by touching [HOME] while displaying the Home screen.

### ■ Sound Setup Menu screen



- ① Current source information display.
- ② Touch this to change to the Home screen.
- ③ X-OVER (page 38)
- ④ Battery Voltage display.
- ⑤ bass engine (page 38)
- ⑥ Volume level indicator
- ⑦ Time Correction (page 37)
- ⑧ Defeat (page 39)
- ⑨ Tone Adjust (Bass/Treble) (page 38), Sub Woofer Level (page 39)
- ⑩ EQ Setting (page 35)
- ⑪ Media Xpander (page 35)
- ⑫ Fader/Balance/Rear Speaker/Subwoofer (page 37)

## Setting the Media Xpander (MX)

[Media Xpander] is selected on the Sound Setup Menu screen.

Media Xpander (MX) makes vocals or instruments sound distinct regardless of the music source. Music sources other than the radio (AM) will be able to reproduce the music clearer even in cars with a lot of road noise.

### Setting item:

Media Xpander

### Setting contents:

OFF (Initial setting) / MX 1 / MX 2 / MX 3

### 1 Touch [Media Xpander].

The Media Xpander setting screen is displayed.

### 2 Touch [Media Xpander] to switch the level.

OFF → MX 1 → MX 2 → MX 3 → OFF

- The Media Xpander setting screen is returned to the Sound Setup Menu screen if no operation has been performed for more than 3 seconds.
- MP3/WMA/AAC/FLAC/WAV/APE can have its own MX setting.
- When the Defeat setting is [On], you cannot perform the set up.
- Not available when "bass engine" is set.
- The MX setting can be performed only when a source is currently selected.

## Equalizer Settings

[EQ Setting] is selected on the Sound Setup Menu screen. EQ Setting has 3 modes, "Advanced EQ", "Basic EQ" and "Preset EQ".

- When the Defeat setting is [On], you cannot perform the set up.
- Not available when "bass engine" is set.

## Adjusting the Parametric Equalizer Curve (Advanced EQ/Basic EQ)

You can modify the Equalizer settings to create a response curve more appealing to your personal taste.

This unit has "Advanced EQ" which can set 4 types of speakers, and "Basic EQ" which can set 2 types of speakers.

### ■ Advanced EQ



## ■ Basic EQ



- 1 Touch [EQ Setting].**
- 2 Touch [Advanced EQ] or [Basic EQ] to select Equalizer mode.**
- 3 Select a speaker to adjust.**  
 Advanced EQ: Front Left / Front Right / Rear Left / Rear Right / Subw.  
 Basic EQ: Front / Rear / Subw.
- 4 Touch [Band] to select the band to be adjusted.**  
 Band1 → Band2 → ... → Band12 → Band13 → Band1  
 • You can select a band directly by touching the screen.
- 5 Touch [ < ] or [ > ] of "Frequency" to adjust the frequency of the selected band.**

### Adjustable frequency bands:

20 Hz to 40 kHz (in 1/3 octave steps)

Band1:	20 Hz~100 Hz (63 Hz)
Band2:	63 Hz~315 Hz (125 Hz)
Band3:	100 Hz~500 Hz (200 Hz)
Band4:	160 Hz~800 Hz (315 Hz)
Band5:	250 Hz~1.25 kHz (500 Hz)
Band6:	315 Hz~1.6 kHz (630 Hz)
Band7:	500 Hz~2.5 kHz (1 kHz)
Band8:	1 kHz~5 kHz (2 kHz)
Band9:	1.6 kHz~8 kHz (3.15 kHz)
Band10:	2.5 kHz~12.5 kHz (5 kHz)
Band11:	4 kHz~20 kHz (8 kHz)
Band12:	6.3 kHz~31.5 kHz (12.5 kHz)
Band13:	10 kHz~40 kHz (20 kHz)

- 6 Touch [ - ] or [ + ] of "Level" to adjust the level of selected band.**

### Setting contents:

-9 to +9 (Initial setting: 0)

- 7 Touch [ < ] or [ > ] of "Q Factor" to select the bandwidth.**

### Setting contents:

Wide (Initial setting) / Medium / Narrow

- 8 Repeat steps 3 to 7, and adjust all speakers.**

- 9 To store the adjusted setting value, touch and hold [Preset 1], [Preset 2], or [Preset 3] for at least 2 seconds.**

- Band2 and Band11 are the same as the Bass and Treble controls. For details on setting Bass and Treble, see "Adjusting Bass Level/Treble Level" (page 38).
- Settings exceeding the frequency of adjacent bands are not available.
- While adjusting the Parametric EQ, you should consider the frequency response of the connected speakers.
- When the Parametric EQ is adjusted, the Preset EQ is overridden.
- When Preset EQ is set, the linked Parametric EQ settings are also changed. We recommend storing Parametric EQ settings in a Preset in advance.
- Touch [Flat] to initialize all values.

### Calling the Parametric EQ adjusted value

Calling the pre-set Parametric EQ adjusted value.

- Touch [Preset 1], [Preset 2], or [Preset 3] on the Parametric EQ screen.**

The setting stored in the Preset will be recalled.

## Equalizer Presets (Preset EQ)

10 typical equalizer settings are preset at the factory for a variety of musical source material.



### Setting item:

Preset EQ

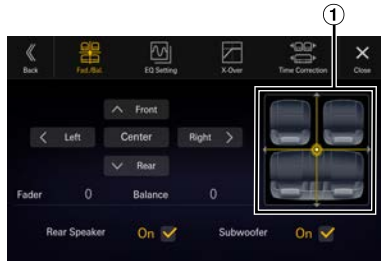
### Setting contents:

FLAT / POP / ROCK / NEWS / JAZZ / ELECTRONIC / HIP HOP / EASY LISTENING / COUNTRY / CLASSICAL

- EQ Presets has no initial setting, there is no typical equalizer will be selected in the initial status.
- Only one type can be set to On.
- When Preset EQ is set, the linked Parametric EQ settings are also changed. We recommend storing Parametric EQ settings in a Preset in advance.

## Fader/Balance/Rear Speaker/ Subwoofer Settings

[Fad./Bal.] is selected on the Sound Setup Menu screen.



① Fader/Balance Image area

### Setting the Fader/Balance

Touch the desired point within the image area, or touch [^] (Front), [v] (Rear), [<] (Left) or [>] (Right).

**Setting item:**

F15 to R15

**Setting contents:**

L15 to R15

- To reset to the initial setting (Balance: 0, Fader: 0), touch [Center].

### Rear Speaker Setting

You can set the rear speaker output to "Off."

**Setting item:**

Rear Speaker

**Setting contents:**

On (Initial setting) / Off

### Turning Subwoofer ON/OFF

If an optional subwoofer is connected to the unit, make the following setting.

**Setting item:**

Subwoofer

**Setting contents:**

On / Off (Initial setting)

## Time Correction Settings

[Time Correction] is selected on the Sound Setup Menu screen.

Before performing the following procedures, see "About Time Correction" (page 40).



Correction mode

**Setting item:**

Time Correction

**1** Touch the Correction mode button, and then select [ms], [cm] or [inch].

**2** Touch [–] or [+] for each speaker to adjust the time or distance.

0.00 msec to 20.00 msec (0.02 msec/step)

0.0 cm to 680.0 cm (0.68 cm/step)

0.0 inch to 268.0 inch (0.268 inch/step)

All speaker setting values are adjustable in the range of 20.0 ms, 680.0 cm or 268.0 inch.

**3** To store the adjusted setting value, touch and hold [Preset 1], [Preset 2], or [Preset 3] for at least 2 seconds.

- Touch [Flat] to set all values to 0.0.
- If the Rear Speaker setting is [Off], the Rear Speaker setting cannot be edited (page 37).
- If the Subwoofer setting is [Off], the Subwoofer setting cannot be edited (page 37).

**Calling the Time Correction Value**

Calling the pre-set time correction value.

Touch [Preset 1], [Preset 2], or [Preset 3] on the time correction screen.

The setting stored in the Preset will be recalled.

## Crossover Settings (X-OVER)

Before performing the following procedures, see "About the Crossover" (page 39).



**Setting item:**  
X-OVER

### 1 Touch [X-OVER].

The X-OVER setting screen is displayed.

### 2 Touch [Front HPF], [Front LPF], [Rear HPF], [Rear LPF] or [Subw. LPF] to select a channel to adjust.

### 3 Touch [ < ] or [ > ] of "Frequency," and then select the cut-off frequency.

**Setting contents:**

Front HPF:	20 / 25 / 31.5 / 40 / 50 / 63 / 80 (Initial setting) / 100 / 125 / 160 / 200 / 250 Hz
Front LPF:	4k / 5k / 6.3k / 8k (Initial setting) / 10k / 12.5k / 16k / 20k Hz
Rear HPF:	20 / 25 / 31.5 / 40 / 50 / 63 / 80 (Initial setting) / 100 / 125 / 160 / 200 / 250 Hz
Rear LPF:	4k / 5k / 6.3k / 8k (Initial setting) / 10k / 12.5k / 16k / 20k Hz
Subw.LPF:	20 / 25 / 31.5 / 40 / 50 / 63 / 80 (Initial setting) / 100 / 125 / 160 / 200 / 250 Hz

### 4 Touch [ < ] or [ > ] of "Slope," and then adjust the HPF or LPF slope.

**Setting contents:**

0 (Initial setting) / 6 / 12 / 18 / 24 dB/oct.

### 5 Touch [ - ] or [ + ] of "Level," and then adjust the HPF or LPF level.

**Setting contents:**

-12 to 0 dB (Initial setting: 0)

### 6 Repeat steps 2 to 5 to make adjustment to the other channels.

### 7 To store the adjusted setting value, touch and hold [Preset 1], [Preset 2], or [Preset 3] for at least 2 seconds.

- Touch [Flat] to initialize all values.
- If the Rear Speaker setting is [Off], the Rear Speaker setting cannot be edited (page 37).
- If the Subwoofer setting is [Off], the Subwoofer setting cannot be edited (page 37).
- While adjusting the X-OVER you should consider the frequency response of the connected speakers.

### Calling the X-OVER adjusted value

Calling the pre-set X-OVER adjusted value.

### Touch [Preset 1], [Preset 2], or [Preset 3].

The setting stored in the Preset will be recalled.

## Setting the "bass engine"

You can set your favorite "bass engine" Type.

**Setting contents:**

Type:	Off (Initial setting) / Standard / midbass / Rich / Lowbass / Punch
Level:	0 to 6

### 1 Touch [bass engine].

The "bass engine" setting screen is displayed.

### 2 Touch [bass engine] to switch the type.

Off → Standard → midbass → Rich → Lowbass → Punch → Off

### 3 Touch [ - ] or [ + ] of "BASS ENGINE Level," and then adjust the level.

- When the Defeat setting is [On], you cannot perform the bass engine function.
- The "bass engine" setting screen is returned to the Sound Setup Menu screen if no operation has been performed for more than 3 seconds.

## Adjusting Bass Level/Treble Level

**Setting item:**

Bass, Treble

**Setting contents:**

Bass:	-18 to 18 (Initial setting: 00)
Treble:	-18 to 18 (Initial setting: 00)

### Touch [ < ] or [ > ] of the "Bass" or "Treble," to adjust the level.

- The Bass level and Treble level are reflected in the settings of Band2 and Band11 in EQ Setting. Depending on settings of Band2 and Band11 in EQ Setting, the adjustable Bass level and Treble level are changed.

- When "Bass" and "Treble" are not displayed, touch [Subw.] to switch to [Tone Adjust] mode.
- Not available when "bass engine" is set.

## Setting the Subwoofer

### Touch [Tone Adjust].

The "Subwoofer Level" setting screen is displayed.



### Adjusting the Subwoofer Level

You can set the Subwoofer level when a Subwoofer is connected.

#### Setting item:

Subwoofer Level

#### Setting contents:

0 to 15 (Initial setting: 0)

#### Slide the lever left or right to adjust the level.

- This setting is only available when "Subwoofer" is set to [On] (page 37).

## Setting the Subwoofer Phase

The subwoofer output phase is toggled Subwoofer Normal (0°) or Subwoofer Reverse (180°).

#### Setting item:

Phase

#### Setting contents:

0° (Initial setting) / 180°

### Touch [Phase] to switch the subwoofer output phase.

- This setting is only available when "Subwoofer" is set to [On] (page 37).

## Defeat Setting

If Defeat is [On], Media Xpander, EQ Setting and "bass engine" functions are turned Off. This disables any settings made for these functions.

#### Setting item:

Defeat

### Touch [Defeat].

The indicator lights up when Defeat is set to On.

## About the Crossover

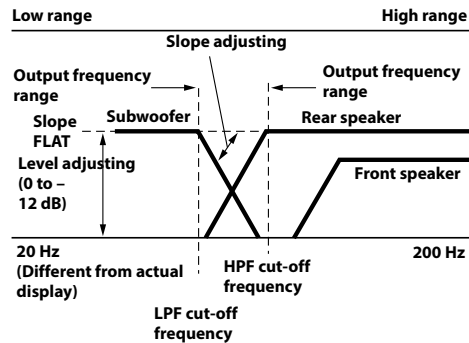
### Crossover (X-Over):

This unit is equipped with an active crossover. The crossover limits the frequencies delivered to the outputs. Each channel is controlled independently. Thus, each speaker pair can be driven by the frequencies for which they have been optimally designed.

The crossover adjusts the HPF (high pass filter) or LPF (low pass filter) of each band, and also the slope (how fast the filter rolls off the highs or lows).

Adjustments should be made according to the reproduction characteristics of the speakers. Depending on the speakers, a passive network may not be necessary. If you are unsure about this point, please consult your authorized Alpine dealer.

	Cut-off frequency (1/3 octave steps)		Slope		Level
	HPF	LPF	HPF	LPF	
<b>Subwoofer (LPF)</b>	----	20 Hz - 250 Hz	----	0, 6, 12, 18, 24 dB/oct.	-12 to 0 dB
<b>Rear speaker (HPF)</b>	20 Hz - 250 Hz	----	0, 6, 12, 18, 24 dB/oct.	----	-12 to 0 dB
<b>Front speaker (HPF)</b>	20 Hz - 250 Hz	----	0, 6, 12, 18, 24 dB/oct.	----	-12 to 0 dB



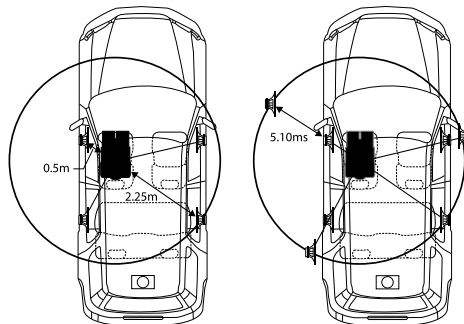
- **HPF (high pass filter):** Cuts the lower frequencies and allows the higher frequencies to pass.
- **LPF (low pass filter):** Cuts the higher frequencies and allows the lower frequencies to pass.
- **Slope:** The level change (in dB) for a frequency change of one octave.
- The higher the slope value, the steeper the slope becomes.
- Adjust the slope to FLAT to bypass the HP or LP filters.
- Do not use a tweeter without the HPF on or set to a low frequency, as it may cause damage to the speaker due to the low frequency content.
- Adjustment should be made according to the recommended crossover frequency of the connected speakers. Determine the recommended crossover frequency of the speakers. Adjusting to a frequency range outside that recommended may cause damage to the speakers.  
For the recommended crossover frequencies of Alpine speakers, refer to the respective Owner's Manual.  
We are not responsible for damage or malfunction of speakers caused by using the crossover outside the recommended value.

## About Time Correction

The distance between the listener and the speakers in a car vary widely due to the complex speaker placement. This difference in the distances from the speakers to the listener creates a shift in the sounds image and frequency characteristics. This is caused by the time delay between the sound reaching the listener's right versus the left ear. To correct this, this unit is able to delay the audio signal to the speakers closest to the listener. This effectively creates a perception of increased distance for those speakers. The listener can be placed at an equal distance between the left and right speakers for optimum staging. The adjustment will be made for each speaker in 0.02 ms steps.

### Example 1. Listening Position: Front Left Seat

Adjust the time correction level of the front left speaker to a high value and the rear right to zero or a low value.



The sound is not balanced because the distance between the listening position and the various speakers is different. The difference in distance between the front left speaker and the rear right speaker is 1.75 m (68-7/8").

Here we calculate the time correction value for the front left speaker in the diagram on the above.

Conditions:

Farthest Speaker – listening position : 2.25 m (88-9/16")

Front left speaker – listening position : 0.5 m (19-11/16")

Calculation:  $L = 2.25 \text{ m} - 0.5 \text{ m} = 1.75 \text{ m} (68-7/8")$

Time correction =  $1.75 \div 343 * \times 1,000 = 5.10 \text{ (ms)}$

\* Speed of sound: 343 m/s (765 mph) at 20°C

In other words, giving the front left speaker a time correction value of 5.1 ms makes it seem as if its distance from the listener is the same as the distance to the farthest speaker.

Time correction eliminates the differences in the time required for the sound to reach the listening position. The time of the front left speaker is corrected by 5.1 ms so that its sound reaches the listening position at the same time as the sound of other speakers.

### Example 2. Listening Position: All Seats

Adjust the time correction level of each speaker to almost the same level.

**1 Sit in the listening position (driver's seat, etc.) and measure the distance (in meters) between your head and the various speakers.**

**2 Calculate the difference between the distance correction value to the farthest speaker and the other speakers.**

$L = (\text{distance to farthest speaker}) - (\text{distance to other speakers})$

These values are the time correction values for the different speakers. Setting these values to make each sound reach the listening position at the same time as the sound of other speakers.



## Apple CarPlay (Optional)

Apple CarPlay is a smarter, safer way to use your iPhone in the car. Apple CarPlay takes the things you want to do with your iPhone while driving and puts them right on the unit. You can get directions, make calls, send and receive messages, and listen to music, all in a way that allows you to stay focused on the road.

### Access to Apple CarPlay

To use Apple Carplay, set the Siri setting of your iPhone to ON.

Before using this function, plug in your iPhone using a Lightning-USB cable (supplied with iPhone) to the unit, or make a wireless connection. For wireless connection, see "Pairing the Bluetooth® Device" (page 17) and "Setting the Wi-Fi Mode (page 18) .

- When both Apple CarPlay and Android Auto device are connected, you cannot use Apple CarPlay and Android Auto at the same time.

#### 1 Press the (HOME) button.

The HOME screen is displayed.

#### 2 Touch [Apple CarPlay].

The Apple CarPlay screen is displayed.



[Apple CarPlay] button

- When another iPhone is connected by USB while using CarPlay with the wireless connection, a message appears. Touch [Yes] to switch the iPhone.
- When the Android Auto compatible smartphone is connected by USB while in Apple CarPlay mode, a message appears. Only charging is available on the Android Auto compatible smartphone. When switching to Android Auto, switch from the Device List. See "Connecting the Device Registered in the Device List" (page 18).
- The App must be Apple CarPlay compatible in order to appear in the Apple CarPlay screen.
- Some functions may not be available while driving.
- The only iPhone models that can be used with this unit is iPhone 6s or later compatible with Apple CarPlay function.

### Using Voice Recognition function

You can use the Siri function of your iPhone. To use this function, set the Siri setting of your iPhone to ON.

- When using Apple CarPlay, the operation screen may differ from the screen design in the Owner's Manual.

#### 1 Press the button.

The Voice Recognition mode screen is displayed.

#### 2 Speak into the microphone supplied with this unit.

#### 3 To finish the Voice Control mode, press the button.

- Depending on the iPhone, the Siri function may finish automatically.
- For adjusting the volume, see "Adjusting the Voice Recognition Level" (page 22).

## Android Auto (Optional)

### What is Android Auto

Android Auto brings your favorite smartphone apps into one place, making it easier for drivers to access their favorite navigation, media, and communication apps on the road while minimizing the distractions. Talk to Google on Android Auto™ and get things done with your voice so you can keep your eyes on the road and hands on the wheel. Easily send messages, get directions, control media and more. Just short-press or long-press the voice control button on your steering wheel.

### Activate Android Auto

Download the Android Auto App from the Google Play store before continuing. Before using this function, plug in your smartphone using a USB cable to the unit, or make a wireless connection. For wireless connection, see "Pairing the Bluetooth® Device" (page 17) and "Setting the Wi-Fi Mode" (page 18).

- The connected smartphone with Android Auto will disconnect other phone's Bluetooth connection and pair to the unit.
- When both Apple CarPlay and Android Auto device are connected, you cannot use Apple CarPlay and Android Auto at the same time.

#### 1 Press the (HOME) button.

The HOME screen is displayed.

#### 2 Touch [Android Auto].

The Android Auto screen is displayed.



[Android Auto] button

- When another smartphone is connected by USB while using Android Auto with the wireless connection, a message appears. Touch [Yes] to switch the smartphone.
- When the iPhone is connected by USB while in Android Auto mode, a message appears. Only charging is available on the iPhone. When switching to Apple CarPlay, switch from the Device List. See "Connecting the Device Registered in the Device List" (page 18).
- You can make a call, use voice recognition function and Android Auto's compatible navigation app, etc.
- Only Google approved apps with necessary driver-safety measures in place can be used.

### Using Voice Recognition function

You can use the Voice Recognition function of the Android Auto.

#### 1 Press the button.

The Voice Recognition mode screen is displayed.

#### 2 Speak into the microphone supplied with this unit.

#### 3 To finish the Voice Control mode, press the button.

- Depending on the smartphone, the Voice Recognition function may finish automatically.
- For adjusting the volume, see "Adjusting the Voice Recognition Level" (page 23).