



**10-INCH ADVANCED NAVI STATION**

**X110**

**8-INCH ADVANCED NAVI STATION**

**X108U**

**7-INCH ADVANCED NAVI STATION**

**INE-W967HD**

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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**For X110/X108U/INE-W967HD**



**For Optional DVE-5300X**



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**LIMITED WARRANTY**



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# Operating Instructions

## PRECAUTIONS

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### IMPORTANT INFORMATION

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#### PLEASE READ CAREFULLY BEFORE USING THIS PRODUCT

This product is intended to provide turn by turn instructions to get you to a desired destination. Please make certain that all persons using this navigation system carefully read these precautions and the following instructions fully.

- This product is not a substitute for your personal judgment. Any route suggestions made by this navigation system may never supersede any local traffic regulations or your personal judgment and/or knowledge of safe driving practices. Do not follow route suggestions if the navigation system instructs you to perform an unsafe or illegal maneuver, places you in an unsafe situation, or routes you into an area which you consider unsafe.
- Glance at the screen only when necessary and safe to do so. If prolonged viewing of the screen is necessary, pull over in a safe and legal manner and location.
- Do not input destinations, change settings, or access any functions requiring a prolonged view of the monitor and/or remote control while you are driving. Pull over in a safe and legal manner and location before attempting to access the system.
- Do not use the navigation system to route you to emergency services. Not all locations of emergency services such as police and fire stations, hospitals and clinics are contained in the database. Please use your own judgment and ask for directions in these situations.
- The map database used in the navigation system is the most recent map data available at the time of production. Because of changes in streets and neighborhoods, there may be situations where the navigation system is not able to route you to your desired destination. In these cases, use your own judgment.
- The map database is designed to provide you with route suggestions and does not take into account the relative safety of a suggested route or of factors which may affect the time required to reach your destination. The system does not reflect road closures or construction, road characteristics (i.e. type of road surface, slope or grade, weight or height restrictions, etc.), traffic congestion, weather conditions, or any other factors which may affect the safety or timing of your driving experience. Use your own personal judgment if the navigation system is unable to provide you with an alternate route.
- There may be situations where the navigation system displays the vehicle's location erroneously. Use your own driving judgment in this situation, taking into account current driving conditions. Please be aware that in this situation the navigation system should correct the vehicle's position automatically. However, there may be times where you may have to correct the position yourself. If this is the case, pull over in a safe and legal manner and location before attempting operation.
- Make certain that the volume level of the navigation system is set to a level which still allows you to hear outside traffic and emergency vehicles.

**If there is anything in the manual about the operation of the navigation system which you are uncertain about, please contact your local Alpine authorized navigation dealer or Alpine at 1-888-NAV-HELP (1-888-628-4357) before using the navigation system.**

#### FCC COMPLIANCE STATEMENT

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

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.

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



## **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 EMERGENCY 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.

### **DO NOT FOLLOW ROUTE SUGGESTIONS IF THE NAVIGATION SYSTEM INSTRUCTS YOU TO PERFORM AN UNSAFE OR ILLEGAL MANEUVER, OR PLACES YOU IN AN UNSAFE SITUATION OR AREA.**

This product is not a substitute for your personal judgement. Any route suggestions by this system should never supersede any local traffic regulations or your personal judgement or knowledge of safe driving practice.

### **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.**

- Depending on the connected USB flash drive, the unit may not function or some functions may not be performed.
- The audio file format that can be played back on the unit is MP3/WMA/AAC/FLAC.
- Artist/song name, etc., can be displayed. Certain, special characters may not be correctly displayed.

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### **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.

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### **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.

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### **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.

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### **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.

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### **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

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### **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.

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### **Temperature**

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

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### **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.

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### **Protecting the USB connector**

- Only an iPod/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.



## 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 and FLAC.
- USB Flash drive function is not guaranteed. Use 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" or "m4a" 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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### X110 with DVE-5300X

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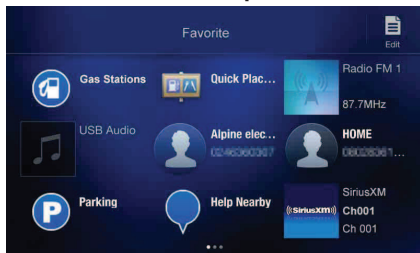
# Features

The screen design used in the Owner's Manual may differ from the actual screen.

## Favorite Function

Frequently used functions such as the Audio source or Navigation are easily recalled. Register them to the Favorite screen. For details, see "Favorite Function" (page 24).

### Favorite screen example

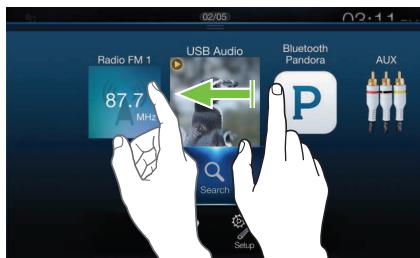


- Frequently used functions and useful functions can be customized for your convenience.
- You can register up to 54 functions.
- You cannot register a function more than once.

## About Swiping the Touch Screen

You can change a screen or a page by swiping the touch screen vertically or horizontally with your finger. For details, see "Touch Screen Operation" (page 17).

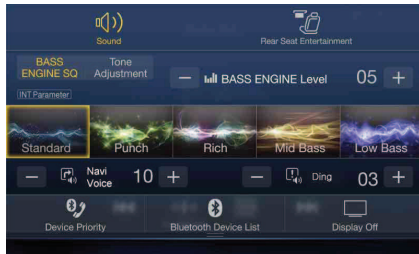
**Swipe the display with your finger lightly.**



## Switching the Audio Sources Screen to a Dedicated Screen

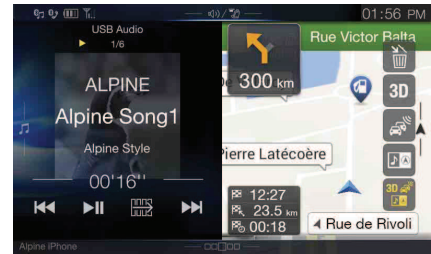
You can switch the Audio Sources screen to a dedicated screen by touching the icon on one of the four edges of the screen, or by swiping vertically or horizontally. For details on how to swipe the screen, see “Touch Screen Operation” (page 17).

### Shortcut Setup Screen (page 19)



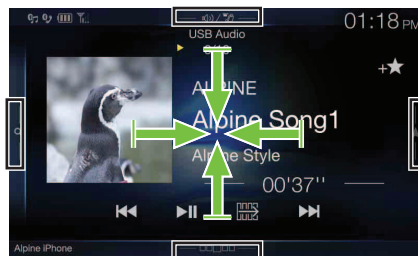
You can set the Sound Setup or Rear Seat Entertainment System.

### Dual Screen (page 14)

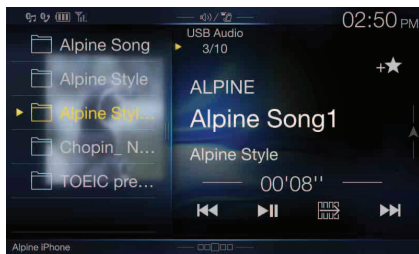


You can switch between the displayed screens on the Dual Screen.

<Audio Sources Screen>  
(USB Audio)



### Preset button or Quick Search mode Screen \*1



### Menu Screen \*2 (page 21)



You can make settings on the Menu Screen.

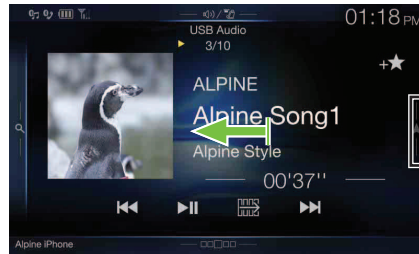
\*1 The Search mode differs depending on the audio source. For details, see the operating instructions of the audio source.

\*2 The screen also switches by pressing the Menu button.

## About Dual Screen

Dual Screen allows you to display the Navigation and Audio/Visual screens simultaneously.

### Audio full Screen



Touch [🎵], or  
swipe to the right.

Touch [📏], or  
swipe to the left.

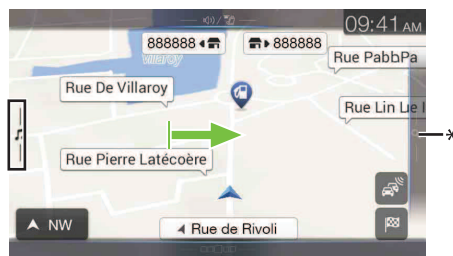
### Dual Screen



Touch [🎵], or  
swipe to the right.

Touch [📏], or swipe to  
the left.

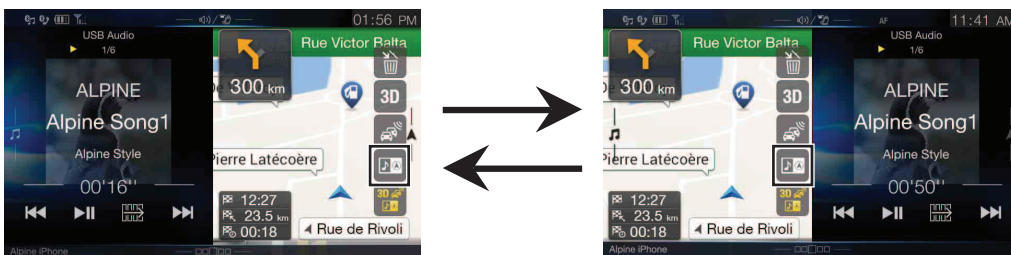
### Navigation full Screen



\* Touch [📏], or swipe to the left to switch to the Navigation menu screen. For details of navigation operations, refer to "Navigation System OM" in the CD-ROM.

## Dual Screen Display Position

You can switch the left/right positions of the Audio/Visual screen and Navigation screen. Each time you touch [📏], the positions of Audio/Visual screen and Navigation screen switch.

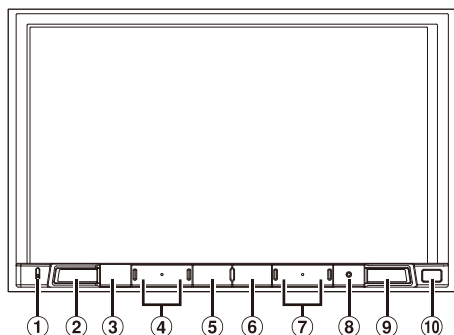


- When [📏] is not displayed, touch [📏].

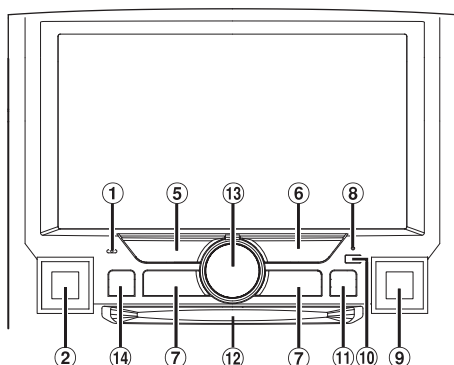
# Getting Started

## Location of Controls

### For X108U/INE-W967HD



### For X110



- ① **Microphone**  
Used for Hands-free or Voice Control modes.  
For X701D, the microphone is built into the left side of the monitor.
- ② **♪ (AUDIO)/ (Voice Recognition mode) button**  
Displays the Audio/Visual screen. If the Audio/Visual screen is already displayed, changes the source.  
When a hands-free phone with Voice Recognition is connected, press and hold for at least 2 seconds to switch to the Voice Recognition mode.
- ③ **🔇 (MUTE) button (X108U/INE-W967HD only)**  
Press to activate/deactivate the mute mode.
- ④ **∨ / ∧ (DOWN/UP) button (X108U/INE-W967HD only)**  
Press to adjust the volume.
- ⑤ **★ (Favorite) button**  
Recalls the Favorite screen.
  - Press and hold this button for at least 2 seconds to switch to iDataLink mode. For details, see "iDataLink Operation (Optional)" (page @@).

- ⑥ **MENU/ (Power Off) button**  
Recalls the Menu screen.  
Press and hold this button for at least 5 seconds to turn the power off.
- ⑦ **⏮ / ⏭ button**  
Press to seek down/up a station in radio mode or down/up a track, chapter, etc., in other audio/visual sources.
- ⑧ **RESET switch**  
The system of this unit is reset.
- ⑨ **⏪ (NAVI/NAV) button**  
Recalls the navigation map screen.  
Press again to switch to Navigation menu screen.  
Press and hold this button for at least 2 seconds to change to Go Home route screen. (If Home is not set yet, it will change to the Home setting screen.)  
For details of navigation operations, refer to "Navigation System OM" in the website at <http://www.alpine-usa.com>.
- ⑩ **Remote Sensor**  
Point the remote control transmitter towards the remote sensor within a range of 2 meters.
- ⑪ **📷 (CAMERA) button (X110 only)**  
Use to display the camera image.
- ⑫ **Disc Slot (X110 only)**
- ⑬ **Rotary encoder/MUTE button (X110 only)**  
Adjust the volume by turning to the left or right.  
Press to activate /deactivate MUTE mode.
- ⑭ **⏏ (Eject) button (X110 only)**  
Ejects a disc.

#### Controllable with Remote Control

This unit can be controlled with an optional Alpine remote control. For details, consult your Alpine dealer. Point the optional remote control transmitter at the remote control sensor.

#### 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. MENU). The buttons found on the touch-screen display are shown in bold within brackets, [ ] (e.g. [X]).

---

## Turning Power On or Off

---

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.

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

The system turns on.

- When turned on, the system 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 Press and hold the MENU/ (Power Off) button for at least 5 seconds to turn the power off.

- The unit can be turned on by pressing any button.
- The unit is a precision device. Careful handling of the unit should provide you with years of trouble-free operation.

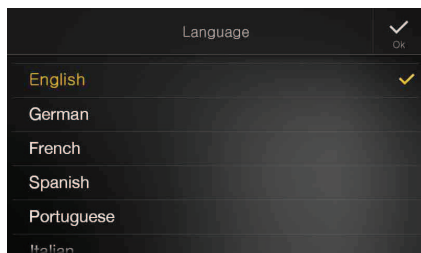
---

## Turning the System On

---

With the Alpine system, when the ignition key is turned to ACC or ON, the opening screen will be automatically displayed.

**When the system is used for the first time, the language selection menu is displayed. Swipe the Language list screen vertically, then touch your choice from the list of 23 languages.**



- 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.

---

## Initial System Start-Up

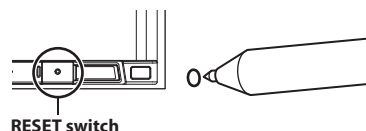
---

Be sure to press the RESET switch when using the unit for the first time, after changing the car battery, etc.

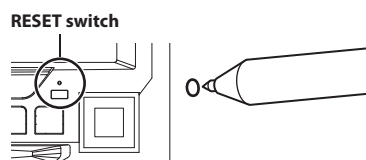
### 1 Turn off the unit power.

### 2 Press the RESET switch with a ballpoint pen or similar pointed object.

#### For X108U/INE-W967HD



#### For X110



---

## Adjusting the Volume

---

#### For X108U/INE-W967HD

**Adjust the volume by pressing  $\nabla$  or  $\blacktriangle$ .**

Volume decreases/increases continuously by pressing and holding

$\nabla$  or  $\blacktriangle$ .

Volume: 0 - 35

#### For X110

**Rotate the Rotary encoder until the desired sound level is obtained.**

Volume: 0 - 35

---

## Lowering Volume Quickly

---

Audio Mute function instantly lowers the volume level to 0.

#### For X108U/INE-W967HD

**1 Press the  $\text{MUTE}$  button to activate the MUTE mode.**  
The audio level will be 0.

**2 Pressing the  $\text{MUTE}$  button again will bring the audio back to its previous level.**

#### For X110

**1 Press the Rotary encoder to activate MUTE mode.**  
The audio level will be 0.

**2 Pressing the Rotary encoder again will bring the audio back to its previous level.**



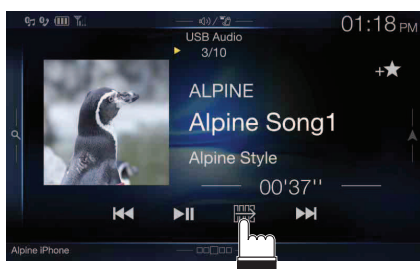
## Touch Screen Operation

You can operate the system by using the touch panel on the screen.

- 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, remove your finger.
- Onscreen buttons that cannot be operated are dimmed.

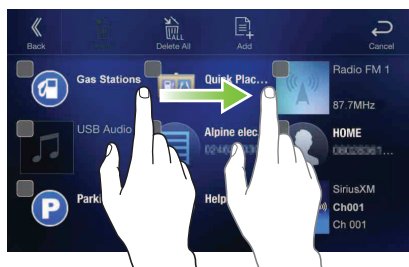
### Swipe operation

Move your finger lightly with a swipe.



### Drag & Drop operation

Touch and hold the desired item, then drag it to its new location by moving your finger, then release your finger to place the item.



- It is not possible to narrow the screen with two fingers (pinch in) or spread the screen (pinch out).

## Switching Sources

Press the (AUDIO) button to change the source.

### Switching sources using the (AUDIO) button

During audio/visual playback, press the (AUDIO) button repeatedly to switch to the desired source.

Radio → USB/iPod\*1 → iDataLink USB/iPod\*2 → HDMI\*1,3 → Pandora\*1 → Bluetooth Pandora\*1,4 → SiriusXM\*1 or iDataLink SiriusXM\*2 → AUX\*5 → Bluetooth Audio\*1 or iDataLink Bluetooth Audio\*2 → Radio

\*1 When no USB flash drive/iPod/HDMI device/Smartphone/Bluetooth compatible device is connected, this option is not available.

\*2 Displayed only when the unit is connected to the car's iDataLink module and the iDataLink related setting item is set to "OEM" or "Both" on the unit. (page @@)

\*3 The name set for "HDMI Setup (page 45)/AUX Setup" is displayed.

\*4 When Bluetooth Pandora is set to "Off", this option is not available. (page @@)

\*5 When AUX is set to "Off", this option is not available. (page 44)

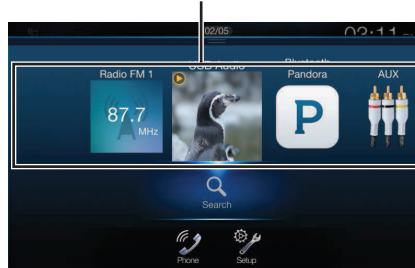
### Switching Sources from the Menu screen

#### 1 Press the MENU button.

The menu screen is displayed.

- You can also display the menu screen by touching [□□□□] on the lower part of the Audio source screen or by swiping upward.

#### The Audio source selecting area



#### 2 Touch your desired source in the Audio source selecting area.

- In the menu screen, you can change the Audio source directly or change the order in which sources change. For details, see "About the Menu Screen" (page 21).

## Operating the Function Button on the Audio/ Video Main Screen

Using the Function button on the Audio/Visual main screen.

Touch [  ] to change to the Function mode.


### ■ Radio main screen example



### Function mode



Swipe to the right or left to change to the Function mode.

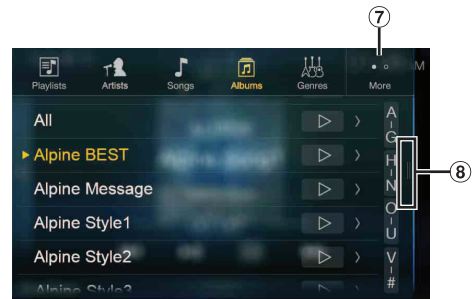
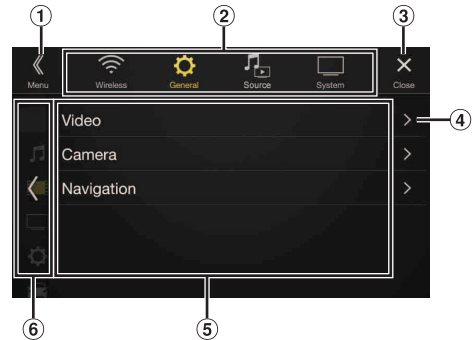
To close the Function mode, touch [  ].

- Depending on the Audio source, the Function mode displays from the beginning.

## About Basic Operation for List Screen

Basic operations on the Setup list screen and the Search list screen.

How to display on the list screen differs depending on the selected item.



- Switches to the menu screen or the previous screen.
- Item select button
- Closes the window.
- Displays the next list page.
  - When the next selection item does not exist, the list item is not displayed.
- Lists items for selection
  - When there are more than five list items, the page can be changed by swiping vertically.
- Returns to the list screen of the page that you touched.
  - The list screens that can be displayed are up to the 2 previous pages. If you touch [ < ], you can recall your desired page.
- Changes the page of the Item select button ② above.
  - “○” indicates the total number of pages, “●” indicates the location of the current page.
- Displays when the next list page does not exist.
  - Touch or swipe to the left to return to the previous screen that has not displayed the list yet (the menu screen or the Audio main screen).

## About the Shortcut Setup Screen

Displaying the Sound Setup screen, or the Shortcut Setup screen of the Rear Seat Entertainment System screen.

Touch [Speaker icon] / [Rear Seat Entertainment icon] or swipe downward in the Audio source screen.



The Sound Setup screen or the Rear Seat Entertainment System Setup Screen is displayed.

### ■ Sound Setup screen (Tone Adjustment mode) example



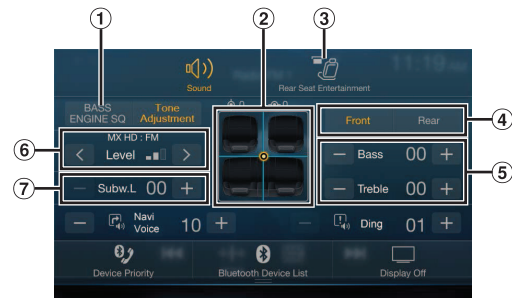
- ① You can adjust the attention tone (Ding) before the voice navigation starts and Navi voice interrupt volume (Navi Voice).  
Volume: 0 - 35
- ② Button for Display Off \*
- ③ Displays the Hands-free Device Priority setting screen.  
• See "Hands-free Device Priority Setting" (page @@).
- ④ Touch this or swipe upward to change to the currently playing source screen.
- ⑤ Displays the registered Bluetooth Device List screen.  
• See "Registering the Bluetooth Device" (page 30).

#### \* Display Off mode

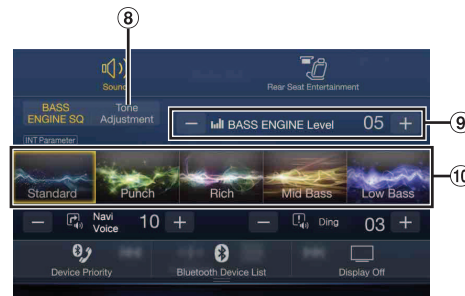
- To cancel Display Off mode, touch the screen or press any button.
- Display Off mode is canceled when the power or ACC is turned off.
- When the gear lever is shifted to the reverse (R) position and the rear camera is connected, the rear camera image is displayed.
- When a call is received on a Bluetooth-connected phone, the incoming call screen is displayed.

## Sound Setup Function

### ■ Tone Adjustment mode



### ■ BASS ENGINE SQ mode



- ① Button for changing the BASS ENGINE SQ mode screen
- ② Balance/Fader Image area\*1
- ③ Rear Seat Entertainment Function screen switch button  
• When Setting the Rear Seat Entertainment is "Off," you cannot change the screen. For details on Rear Seat Entertainment setting, see "Rear Seat Entertainment Setup" (page 48).
- ④ Buttons for switching between Front/Rear when adjusting Bass/Treble\*2
- ⑤ Buttons for adjusting Bass Level/Treble Level\*3, 4
- ⑥ Buttons for adjusting Media Xpander \*1, 3
- ⑦ Buttons for adjusting Subwoofer Level \*1, 3, 5
- ⑧ Button for changing the Tone Adjustment mode screen  
• If changing to the Tone Adjustment mode, BASS ENGINE SQ mode will be disabled.
- ⑨ Buttons for adjusting the BASS ENGINE Level\*4
- ⑩ Buttons for selecting the BASS ENGINE type \*4

\*1 You can perform a more detailed set up in "Sound Setup" (page 33).

\*2 You cannot switch when Front/Rear Sync in "Adjusting the Parametric Equalizer Curve (Dual HD EQ)" (page 34) is "On."

\*3 When you switch to the BASS ENGINE SQ mode, the value you have set is ignored.

\*4 When the Defeat setting is "On," you cannot perform the set up.

\*5 If the Subwoofer setting is "Off," the setting cannot be changed. See "Turning Subwoofer ON/OFF" (page 33).

### Adjusting Bass Level/Treble Level

Bass Level and Treble Level can be set for each front seat and for each rear seat by touching [Front] or [Rear].

#### Setting item:

Bass / Treble

#### Setting contents:

-14 to +14 (Initial setting: 0)

- When the Sound Setup of the Shortcut Setup is selected to "BASS ENGINE SQ," you cannot perform the set up.
- Adjustment cannot be performed when Defeat is set to "On."
- The Bass adjusted setting value is interlinked with Band2 of Dual HD EQ, and the Treble adjusted setting value is interlinked with Band8.

### Setting the BASS ENGINE SQ

#### Setting the BASS ENGINE Type

Creating the ideal Bass impact for your musical taste using BASS ENGINE SQ.

#### Setting contents:

Standard (Initial setting) / Punch / Rich / Mid Bass / Low Bass

- |           |  |
|-----------|--|
| Standard: | Mild low-end boost with mid-range focus for front-centre staging.              |
| Punch:    | Mid-bass punched up with mid-range impact.                                     |
| Rich:     | Accented highs and mid-bass giving outstanding balance for all types of music. |
| Mid-Bass: | Strong high frequency emphasis with mid-bass boost for more low-end attack.    |
| Low-Bass: | Strong, low-bass boost with extended highs for a very dynamic sound.           |

### Adjusting the BASS ENGINE Level

You can adjust the BASS ENGINE Level.

#### Setting item:

BASS ENGINE Level

#### Setting contents:

0 to 6 (Initial setting: 3)

- The BASS ENGINE Level 0 of the BASS ENGINE SQ is common to all the types.

### About setup when the external power amplifier is connected

In order to optimize the BASS ENGINE SQ mode, we recommend the following procedure to set up the power amplifier.

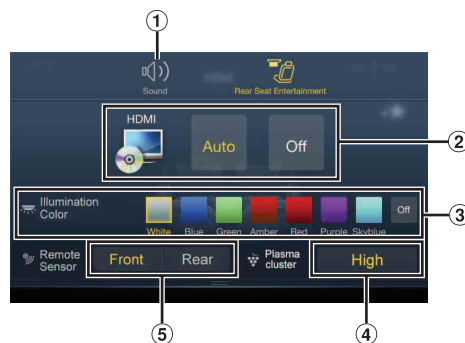
Use your favorite music to make the following amplifier adjustment.

- 1) Set GAIN of the power amplifier to "MIN."
- 2) Set the Crossover Mode Sector switch to "OFF"
  - If the switch has no "OFF" position, set as near as possible to full range.
- 3) Set the BASS ENGINE Level to "03."
- 4) Play a song of the genre you frequently listen to, and adjust GAIN of the power amplifier.

## Rear Seat Entertainment Function

The Rear Seat Entertainment function independently routes different sources to the front and the rear side of the car. For example, while listening to the radio or other audio sources in the front, HDMI can be enjoyed at the rear with optional rear monitors and headphones.

### Rear Seat Entertainment System Setup screen



- 1 Button for changing to the Sound Setup screen.
- 2 Visual source selection area that is displayed on the Rear monitor.\*1, 2  
Touch the source icon displayed on the Rear monitor.  
Auto: The image and sound of the same visual source as the unit are output.  
Off: Stops output to the Rear monitor.
- 3 Illumination Color button\*3  
The color coordination select button of the Rear monitor:  
White/Blue/Green/Amber/Red/Purple/Skyblue/Off  
(This function is depended on Over Head Monitor)
- 4 Plasmacluster air volume adjustment button\*4  
Whenever you touch the button, you can change the air volume.  
Off → Low → Mid → High → Off
  - While the plasmacluster is operating, the indicator is displayed on the Audio source screen.
- 5 Remote Sensor  
You can set whether the sensor on Rear monitor receives remote control operation, or the unit receives it.

\*1 The visual source that can be output to the Rear monitor is "HDMI/DVD," "iPod Video," and "AUX." When the unit plays back the visual source, you can only select the same visual source as the unit.

\*2 When selecting AUX and iPod video source selection, the "Additional AUX BOX" setup (page 49) is set to "On" and an optional external AUX distribution box is required.

\*3 When the Illumination Color in "Setting the Rear Seat Entertainment System" (page 48) is set to "Off," the Illumination Color button is not displayed.

\*4 When the Plasmacluster in "Setting the Rear Seat Entertainment System" (page @@) is set to "Off," the Plasmacluster air volume adjustment button is not displayed.

- If the same visual source is being output to both the unit and the Rear monitor when an incoming/outgoing call is made, the visual/audio output to the Rear monitor is interrupted temporarily depending on the source.

If different visual sources are being output to the unit and the Rear monitor, visual/audio output to the Rear monitor continues without interrupting playback.

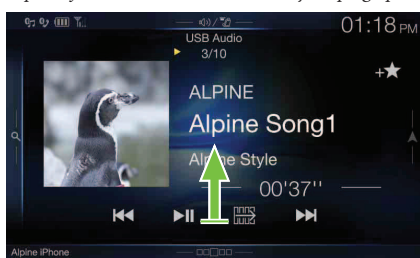
## About the Menu Screen

In the menu screen, you can select the audio source and perform various setups or operations on the unit.

### Press the MENU button.

The menu screen is displayed.

- You can also display the menu screen by touching [□□□□□□] on the lower part of the Audio source screen or by swiping upward.



The screen changes to the menu screen.

### Menu screen example



- Displays the currently playing audio source.
- Touch or swipe downward to return to the Audio source screen.
- Displays the total number of the audio sources that can be selected. Also displays the current position, counting from the leftmost audio source.
- Audio source select area
  - Touch your desired source icon to change the audio source.
  - Swiping to the right or left in the Audio source select area, you can change one audio source at a time. Moreover, swiping to the right or left outside the Audio source select area (upper and lower sides), you can change pages of the Audio source select area.
  - The source icon displayed in the Audio source select area is the one checked on the Edit menu screen. For details on how to display/hide the source icon, see "Edit Menu" (page 21).
- Displays Preset No, and information of the Search mode, etc., located in the middle of the Audio source select area.
  - Touch the desired preset number or the Search mode to change the audio source directly.
  - The displayed information differs depending on the audio source. Some sources are not displayed.
- External Accessory Control button
  - Is displayed when the optional External accessory control box is connected and "Setting the External Accessory Control" is set to "On" (page @@).
  - You can operate the external accessories from this unit. For details, see "External Accessory Control Operation" (page @@).

- Notification List button\*1
  - Use to display the Facebook Notification List on the connected smartphone via this unit. (page 28)
- Camera button\*2
  - Displays camera images. (page 90)
- Setup button
  - Displays the Setup screen. (page 29)
- Vehicle Info button\*3
  - Displays the Vehicle Info mode screen. (page @@)
- Phone button\*4
  - Displays the Phone menu screen. (page 79)

\*1 Displays when TuneIt is set to "USB (iPhone)" or "Bluetooth (Android)," and when a smartphone with TuneIt App installed is connected. (page 27)

\*2 Displays when the Camera Select is set to "Front," "Rear," or "Other." (page 46)

\*3 Displayed only when the unit is connected to the iDataLink module.

\*4 Displays when the Bluetooth setting is set to "On." (page 30)

## Edit Menu

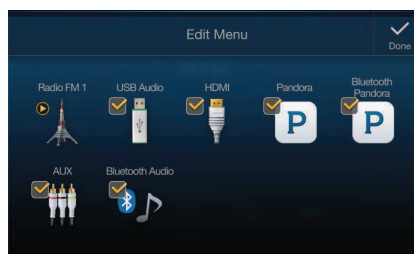
### You cannot operate the Edit Menu screen while driving.

Your vehicle must be parked with the ignition key in the ACC or ON position. For details, see "To display the Setup Menu screen" in "Setup Operation" (page @@).

In the Edit Menu screen, you can change the audio source order or set the display/hide settings.

### 1 Touch the desired source icon in the Menu screen for at least 2 seconds.

A checkbox (☐ or ☑) is displayed on the upper left area of the source icon and switches to the edit mode.



- The source icon displayed in the Edit Menu screen is displayed only when usable setup and conditions of each Audio source are fulfilled. For details on setup and conditions of each audio source, see "Switching Sources" (page 17).

### Changing the order of Audio source

Drag and drop the source icon to the desired location.

### Hiding/Displaying Audio source

Place a check in the checkbox (☑) to display the Audio source icon. Uncheck the checkbox (☐) to hide it.

- You cannot hide the icon of a source that is currently playing.

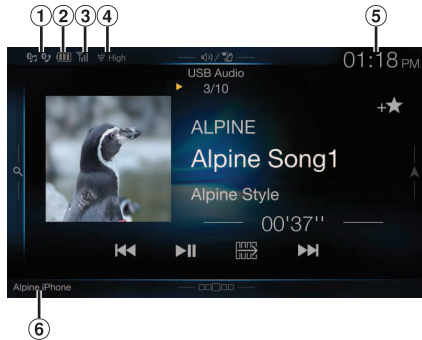
### 2 Touch [Done].

The editing content is confirmed, and returns to the menu screen.

- Editing here is reflected in the order of 🎵 (AUDIO) button touching and change of the Audio source. (page 17)

## About the Indicator Display

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



- ① Lights up when connected to a Bluetooth compatible device. (Does not display when connection is set to OFF.)  
: Bluetooth connection to audio device  
: Bluetooth connection to Hands Free Phone  
 Blinks while reconnecting.
- ② Indicates the battery level of the connected Bluetooth device\*.

Battery Level	Level 3	Level 2	Level 1	No Battery
Icon				

This may not be displayed depending on the connected Bluetooth device. Whenever one battery level decreases, the alarm sounds.

- ③ Indicates the signal strength level of the connected Bluetooth compatible device\*.  
 Displayed when Bluetooth setting is ON.

0	1	2	3	No Service
				<b>No Service</b>

- ④ Plasmacluster indicator  
 Indicates the setting value (Low/Mid/High) selected in "Plasmacluster air volume adjustment."
- ⑤ The clock display  
 You can switch between the 12 hour display and 24 hour display options.  
 For details of the clock display settings, refer to "Navigation System OM" in the CD-ROM.
- ⑥ Bluetooth devices Name\*

\* When you connect two Hands-Free Phones, the information of the Bluetooth device set to Priority1 is displayed.

## Opening screen Customization

You can set a BMP image that is stored on a USB flash drive as the opening screen.

This setting requires the following image format, folder name and file name.

Usable file format:

- BMP image
- Image size: 800 × 480 pixels (RGB 24 bit or less/number of color bit: 24, 8, 1 bit)
- Compression format: non-compressed
- Folder name\*1: **OPENINGFILE**
- File name\*2: **openingfile.bmp**

- 1 Connect the USB flash drive to the USB extension cable.**  
 A message confirming the opening screen change is displayed.
- 2 Touch [OK].**  
 An update indicator "⌂" (Loading)" is displayed, and update for the opening screen starts.
- 3 After the update is complete, the following message is displayed.\*3**  
 "Customization succeeded. Please remove USB memory and press "OK."
- 4 After removing the USB flash drive, touch [OK].**  
 The opening screen setting is complete.

\*1 Be sure to save the folder to the first layer of the USB flash drive.

\*2 Only one BMP image can be set as the opening screen.

\*3 If "Customization failed," is displayed, touch [OK] and then check that the folder name, file name and file format are correct.

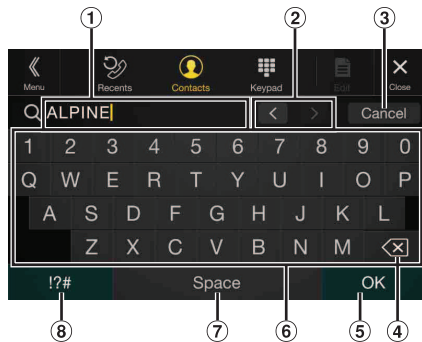
- Do not perform the following actions during the update.


- Do not turn off the ACC to the car.
- Do not unplug the USB flash drive.
- Do not turn off or operate the unit.

- To return the opening screen to its original image, you must Clear All Settings. Be careful of this operation, as your other settings are also initialized. For details, see "Initializing the System" (page 41).

## How to Input Characters and Numbers (Keypad)

The displayed screens and procedures may vary slightly depending on the function used, but the basic input method is the same.



- ① Input screen area.
- ② Cursor position alteration switch
- ③ Cancel  
Keypad mode finishes.
- ④  (Delete)  
Returns to the previous character and erases it.  
Touching here for more than 2 seconds will erase all input characters.
- ⑤ Input number is confirmed.
- ⑥ Character keypad
- ⑦ Space
- ⑧ Special character selector switch  
The Alphanumeric/Special characters/Symbols selection popup is displayed.  
Touch the desired character type.

# Favorite Function

## Using the Favorite Function

This unit enables you to recall functions easily by registering frequently used items such as the Audio source, the navigation search function, etc. to the Favorite screen. You can recall any of these items easily.

- 1 **Press the ★ (Favorite) button.**  
The Favorite screen is displayed.

### Favorite screen example



- 1 Changes to the Edit screen used for registering items or changing names.
- 2 Favorite registration item  
Swipe to the left and right to change the pages. You can add up to 6 pages.
- 3 Indicates the location of the currently displayed Favorite screen.  
Swipe to the left and right to change the pages. You can add up to 6 pages.

- 2 **Touch your desired Favorite registered item.**  
The desired item is displayed.

- When making a phone call by choosing shortcut dialing, after the message of confirmation of outgoing phone calls is displayed, touch [Call]. For details, see "Calling by Favorite Function" (page 81).

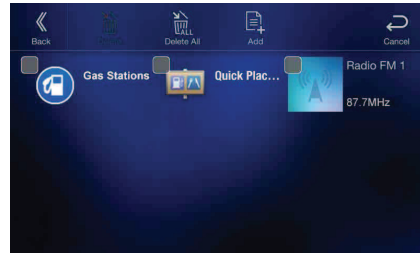
## Editing the Favorite Screen

### You cannot edit the Favorites screen while driving.

Your vehicle must be parked with the ignition key in the ACC or ON position. For details, see "To display the Setup Menu screen" in "Setup Operation" (page @@).

- 1 **Touch [Edit] (Edit).**

A checkbox is displayed on the upper left area of the registration icon and it changes to Edit mode.



### Setting item:

Item registration / Item name change / Icon change / Layout change / Item deletion

- 2 **After editing is complete, touch [Back].**
- 3 **After the caption for the confirmation is displayed, touch [OK].**
- 4 **Editing is complete and the screen switches to the Favorite screen.**

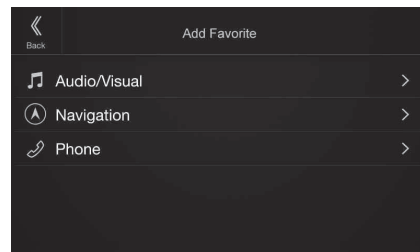
- If you touch [Cancel] while editing, the screen switches to the previous Favorite Edit screen.

## Registering Items

- 1 **Touch [Add] (Add).**

The items to be added (categories) are displayed.

- 2 **Touch the desired item to be added (category).**



- 3 **Choose the desired item to be added.**

- You can add up to 54 items.
- You cannot register an item more than once.



## ■ Audio

[Radio]\*1 / [USB/iPod] / [iDataLink USB/iPod]\*2 / [HDMI] / [Pandora] / [Bluetooth Pandora] / [SiriusXM]\*3 or [iDataLink SiriusXM]\*2,3 / [AUX] / [Bluetooth Audio] or [iDataLink Bluetooth Audio]\*2

\*1 You can choose the frequency from Preset 1 - 12, registered into each FM1/FM2/AM band of HD Radio or RBDS.

\*2 iDataLink sources are displayed only when the car has the iDataLink module installed and the setting item in "Setting the Source Category" (page @@) is set to "Both" or "OEM" for each source.

\*3 You can choose a channel registered to Presets 1 - 18.

- You can also register directly by touching [+★] in the Audio source screen.



However, if it is already registered, [+★] is not displayed.

## ■ Navigation

[Specific Place]:

You can display places registered in Favorite and set your destination.

[Quick Place search]:

Displays the address search keypad.

[Place Categories]:

Displays the nearby search screen.

[POI category]:

Displays the selected POI category list.

- For details on navigation operations, refer to "Navigation System OM" in the CD-ROM.

## ■ Phone (Shortcut Dialing)\*4

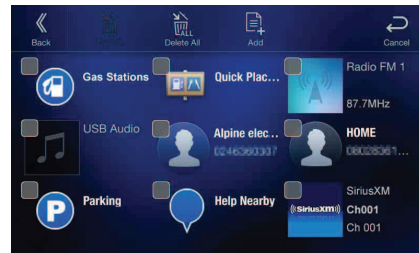
You can register the user's shortcut dialing stored in the Phone Book.

- If multiple phone numbers are stored, select a number you want to register.
- You can register directly by touching [+★] of the Contacts list. (page 79)
- You can change the icon you registered. (page 25)

\*4 You can only select Phone when a mobile phone is connected. For details on how to register a mobile phone and downloading Phone Book, see "Bluetooth Operation" (page 79).

## Changing Item Names

### 1 Touch the text area of the registered item.



The Input User Name screen (Keypad) is displayed.

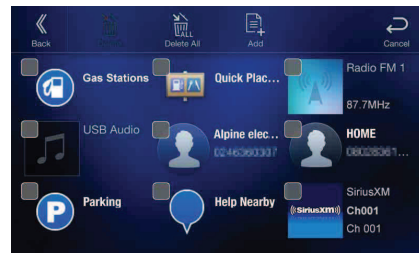
### 2 Input the name and touch [OK].

- For details on how to input characters using the keypad, see "How to Input Characters and Numbers (Keypad)" (page 23).

## Changing Icons (only the Shortcut Dialing and Navigation icons)

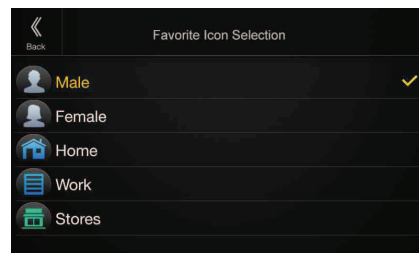
You can change the icons of Shortcut Dialing and Navigation category. The following example explains how to change the Shortcut Dialing icon. Perform the same procedure to change the Navigation category icon.

### 1 Touch the icon that you want to change.

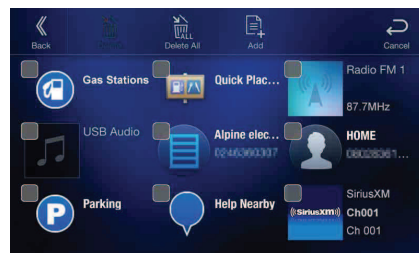


The icon list is displayed.

### 2 Touch the icon you want to change from the icon list.



The icon is changed to the selected icon.



## Changing the Layout

Drag and drop the item to the desired location.



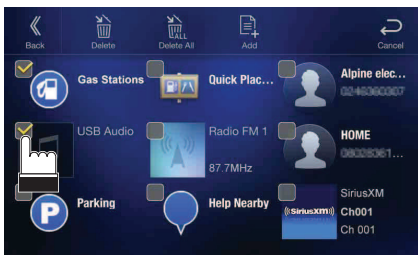
The item location is changed.

- When you move to other pages, switch pages, or when you make a new page and move to another, drag to the end of the screen, and lift your finger after the page changes.

## Deleting Items

### When deleting a selected item

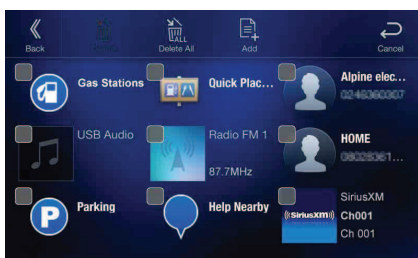
- 1 Touch the checkbox at the left of the item you want to delete and place a check (✓) in it.



- 2 Touch [Delete].  
The selected item will be deleted.

### When deleting all items

Touch [Delete All] (Delete All).



All items are deleted.

# Applying Alpine TuneIt App

This unit's sound tuning is programmable from a connected Smartphone. It is also possible to download specific parameters for certain vehicles from Alpine's TuneIt database stored in the Cloud. Using the Alpine TuneIt App, customized parameters can also be uploaded for others to share and rate.

Through this unit, it is also possible to receive and respond to information from Alpine's Social Network Service (SNS) available through the connected Smartphone.

The installed Alpine TuneIt App should be launched on the Smartphone before connection to the head unit.

Alpine TuneIt App, is downloadable from Apple's App Store; the Android user can download it from Google Play. For details, consult your Alpine dealer.

Before these operations, set TuneIt to USB (iPhone) or Bluetooth (Android) depending on the connected Smartphone. For details, see "Smartphone Apps Setup" (page 50).

- The application programme and related specifications and data may be deleted or terminated without notice.
- Some Alpine TuneIt App functions may not be available if the Smartphone is not in a service area or receives no signal.

## Adjusting the sound via the Smartphone

After setting the above procedure, you can adjust the unit's sound function on the Smartphone.

### 1 Make sure the unit is powered on.

### 2 Launch the Alpine TuneIt App on the Smartphone. Adjust the unit's sound accordingly on the Smartphone.

- The setting cannot be done on both the Smartphone and this unit at the same time. While the sound function of this unit is set via Smartphone, the sound function settings on the unit will be displayed as "Sound APP Connected."
- In some situations, such as the unit is powered off or during a call, etc., sound setting cannot be done via the Smartphone.
- This function may not be available depending on the paired Smartphone.
- Please obey all local traffic laws while using this function.
- When "Setting the External Audio Processor" (page 49) is "On," this function is not available.

## Facebook Notification Function

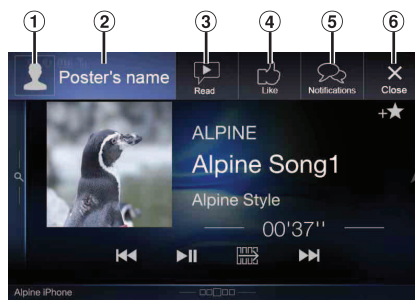
Some functions may be available in a future version of Alpine TuneIt App.

- Depending on the paired Smartphone, the following functions may not be available even though the Alpine TuneIt App version is updated.
- Text information and Facebook screen are not displayed while driving.

### Receiving Notification

When the smartphone connected to the unit receives new notifications from Facebook, the unit emits a notification sound or displays the notification screen. Set this up in the Alpine TuneIt App settings.

### Notification Incoming screen example



- 1 Poster's picture  
Display poster's picture. (Provided from Alpine TuneIt App on Smartphone, displayed with a default image when invalid.)  
Touch here to switch to Facebook screen.
- 2 Poster's name  
Display poster's name. (Provided from Alpine TuneIt App on Smartphone, not displayed when invalid.) Touching here can also switch to Facebook screen.
- 3 Read (Stop) button  
Touch to TTS (Text To Speech) play received notification (Depending on the status, operation may not be available).  
During TTS play mode, touch [**Stop**] to stop play.
- 4 Like button  
For "Like" operation. (Valid when Wall Posts or Comments is received)
- 5 Notifications List button  
Touch to switch to Notifications List screen.
- 6 Close button  
Close the notification screen.

### Touch the desired button to operate.

- A new received Notification prompt will last for 15 seconds. If there is no operation within 15 seconds, the unit will return to normal mode.
- Touching current main screen will close the notification screen.
- Volume adjustment during TTS play can be adjusted by ^/∨ or the Rotary encoder (0-35). Settings will be reflected at the next TTS reproduction.
- The TTS volume is output via the car's front right and left speakers.
- While you play a Notification by TTS during iPod video mode, the TTS volume is the same as the iPod video source. The adjusted TTS volume will be reflected on the iPod video source.
- While you play a Notification by TTS during iPod video mode, the iPod VIDEO extension cable should be connected correctly. Otherwise, you will not be able to hear the TTS.

### Displaying Facebook Screen

During Notification incoming or Notification List screen, you can switch to Facebook screen.

#### ■ Facebook screen example



- ① Message content
- ② Poster's photo
- ③ Close button: Close the Facebook screen.

#### Touch Poster's picture or Poster's name to switch to Facebook screen.

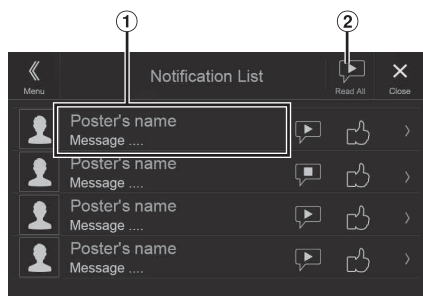
The detailed information of Notification is displayed.

- Touch [⏪] to return to Notifications List screen.
- Depending on the status, contents of message and photo may not be displayed.
- In some situations, such as the unit is powered off or during a call, etc., Notification of the Smartphone will not be prompted by this unit.

### Displaying Notification List

You can view the received Notification from Facebook in the connected Smartphone via this unit.

#### ■ Notification List screen example



- ① Poster's Name and Message
- ② Touch [Read All]/[Stop] to play/stop all Notifications.

- You can switch to the Notification List screen from the Menu screen.
- Touch [X] to return to Current screen.
- Depending on the status, some functions may not be available.
- When there is no Notification, "No Notifications." will be displayed.
- The displayable amount of the Notification list depends on the connected Smartphone.

# Setup

As the X110 is for specialized vehicles, its initial settings differ from the values shown in this manual.

## 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) of "To display the Setup Menu screen."

Each time the ignition is turned OFF, perform the procedure of "To display the Setup Menu screen."

### Setting items:

Wireless: See "Wireless (Bluetooth) Setup" (page 30).

General: See "General Setup" (page 32).

Source: See "Source Setup" (page 42).

System: See "System Setup" (page 45).

### 1 Press the MENU button.

The Menu screen is displayed.

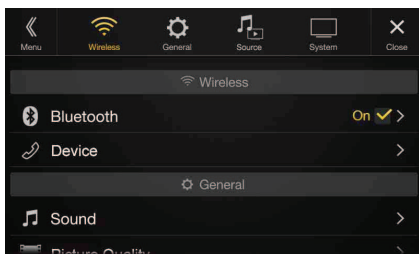
- You can also display the menu screen, by touching [□□□□□] on the lower part of the Audio source screen or by swiping upward.



[Setup] button

### 2 Touch [Setup].

The Setup main screen is displayed.



- ### 3 Touch the required setting icon on the upper part of the Setup main screen or swipe the list area vertically, then touch the setting item.