



7-INCH AUDIO/VIDEO RECEIVER iLX-W670

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.

Thank you for purchasing this Alpine product. Please take a moment to protect your purchase by registering your product now at the following address: www.alpine-usa.com/registration. You will be informed of product and software updates (if applicable), special promotions, news about Alpine.

Merci d'avoir acheté ce produit Alpine. Nous vous invitons à consacrer un moment à la protection de votre achat en enregistrant votre produit dès maintenant à l'adresse suivante : www.alpine-usa.com/registration. Vous serez tenu informé des mises à jour des produits et des logiciels (le cas échéant), des promotions spéciales et de l'actualité d'Alpine.

Gracias por adquirir este producto Alpine. Con solo unos pocos pasos podrá proteger su producto, registrándolo a través de la siguiente dirección: www.alpine-usa.com/registration. Recibirá información sobre nuevos productos y software, promociones especiales y novedades sobre Alpine.

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LIMITED WARRANTY

Operating Instructions

PRECAUTIONS

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.



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 format that can be played on the unit is MP3/WMA/WAVE/AAC/FLAC/Ogg/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

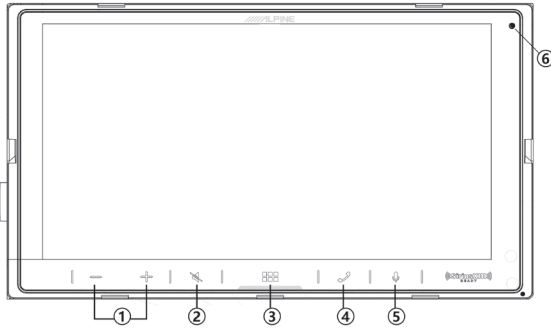
- This unit can control a memory storage device that supports the USB Mass Storage Class (MSC) protocol. Playable audio file formats are MP3, WMA, AAC, WAVE, APE, OGG and FLAC.
- USB Flash drive function is not guaranteed. Use a USB flash drive according to the terms of agreement. Read the USB flash 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 "mp2", "mpa", "mp3", "m4a", "wma", "m4a", "flac"/"fla", "wav", "ogg", "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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- *Apple, iPhone, iPod, iPod nano, iPod touch, iPad, Lightning and Siri are trademarks of Apple Inc., registered in the U.S. and other countries. Apple CarPlay is a trademark of Apple Inc.*
- *Use of the Made for Apple and Works with Apple badges means that an accessory has been designed to connect specifically to the Apple product(s) identified in the Made for Apple badge and to work specifically with the technology identified in the Works with Apple badge, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards.*
- *Please note that the use of this accessory with an Apple product may affect wireless performance.*
- *Use of the Apple CarPlay logo means that a vehicle user interface meets Apple performance standards. Apple is not responsible for the operation of this vehicle or its compliance with safety and regulatory standards. Please note that the use of this product with iPhone may affect wireless performance.*
- *SiriusXM and all related marks and logos are trademarks of Sirius XM Radio Inc. All rights reserved.*
- *Google, Android, Google Play and Android Auto are trademarks of Google LLC. To use Android Auto on your car display, you'll need an Android Auto compatible vehicle or aftermarket stereo, an Android phone running Android 6.0 or higher, and the Android Auto app.*
- *The Bluetooth® word mark and logos are registered trademarks owned by the Bluetooth SIG, Inc. and any use of such marks by Alpine Electronics, Inc. is under license.*
- *MPEG Layer-3 audio coding technology licensed from Fraunhofer IIS and Thomson. Supply of this product only conveys a license for private, non-commercial use and does not convey a license nor imply any right to use this product in any commercial (i.e. revenue-generation) real time broadcasting (terrestrial, satellite, cable and/or any other media), broadcasting/streaming via internet, intranets and/or other networks or in other electronic content distribution systems, such as pay-audio or audio-on-demand applications. An independent license for such use is required. For details, please visit <http://www.mp3licensing.com>*

Getting Started

Location of Controls

When system is powered off, Short/long touch any button to turn the power on.



- ① **- / + (DOWN/UP) button**
Touch to adjust the volume.
Touch and hold this button for at least 1.7 second to adjust the volume to maximum or minimum
- ② **🔇 (MUTE) button**
 - Touch to activate/deactivate the mute mode.
 - Touch and hold this button for at least 1.7 second to display on/off
- ③ **🏠 (HOME)/(Power Off) button**
Activates the HOME screen.
Touch and hold this button for at least 1.7 second to turn the power off.
- ④ **📞 (Phone) button**
Activates the Phone screen.
- ⑤ **🗣️ (Siri) button**
 - When phone is connected to CarPlay, touch this button to activate Siri
 - When phone is connected to Android Auto, touch this button to activate VR
 - When Siri is activated, the function of Siri is available
 - When VR is activated, the VR setting is ON and the function of VR is available
 - When the CarPlay/Android Audio is disconnected, the operation in this button is invalidate
 - When CarPlay/Android Audio is disconnected, touch and long hold to enter into the Device Searching List to activate the new device searching
- ⑤ **(Reset) button**
Reset & Restart.

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. [**🏠**]).

Turning Power On or Off

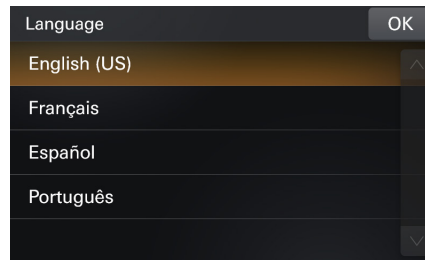
Some of this unit's functions cannot be performed while the vehicle is in motion. Be sure to stop your vehicle in a safe location and apply the parking brake, before attempting these operations.

- 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 **Touch and hold the **🏠** (HOME)/(Power Off) button for at least 1.7 second to turn the power off.**
 - When the system is used for the first time, the language selection menu is displayed. Select the desired language, and then touch [OK].
 - The unit can be turned on by touching the [**🏠**] (HOME) button, [**-**] button [**+**] button [**🗣️**] button or [**📞**] (Phone) 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

When the system is used for the first time, the language selection menu is displayed.

Select a language, and then touch [OK].



- 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 - 35

Lowering Volume Quickly

Audio Mute function instantly lowers the volume level to 0.

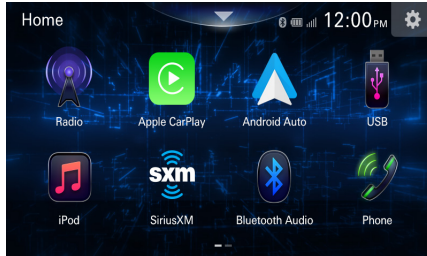
- 1 **Touch the **🔇** (MUTE) button to activate the MUTE mode.**
The audio level will be 0.
- 2 **Touching the **🔇** (MUTE) button again will bring the audio back to its previous level.**

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 a button or list item on the screen lightly.



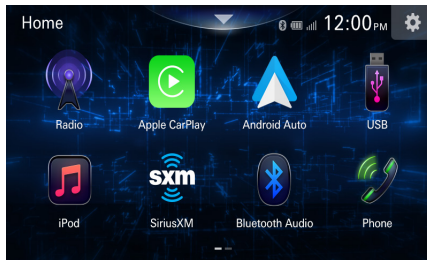
About the HOME Screen

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

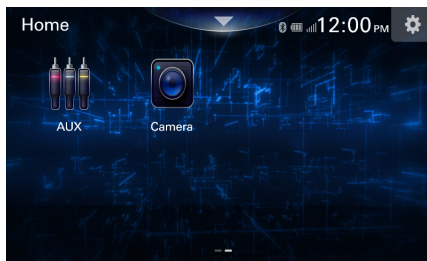
Touch the  (HOME) button.

The HOME screen is displayed.

■ HOME screen example (Page1)



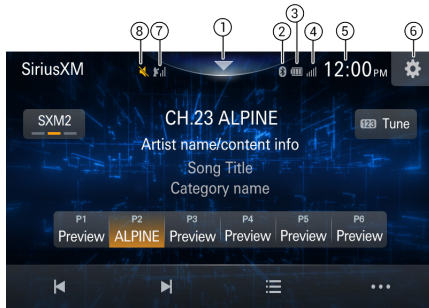
■ HOME screen example (Page2)



Radio	Displays the Radio main screen (page 12).
Apple CarPlay	You can use Apple CarPlay (page 13).
Android Auto	You can use Android Auto (page 13).
USB	You can play back music files, video files and photo files stored in a USB flash drive (page 14). <ul style="list-style-type: none"> • If a USB flash drive is not connected, this widget is not available.
iPod	Displays the iPod main screen (page 16) <ul style="list-style-type: none"> • If an iPhone is not connected, this widget is not available.
SiriusXM	Displays the SiriusXM main screen (page 18). <ul style="list-style-type: none"> • If a SiriusXM Tuner (Optional) is not connected, this widget is not available.
Bluetooth Audio	Displays the Bluetooth Audio main screen (page 23).
Phone	Displays the Phone main screen (page 23).
AUX	Displays the AUX main screen (page 24).
Camera	Displays the Camera main screen (page 25).

About the Indicator Display

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



- ① Sound Boost.
You can turn the Sound Boost (page 26).
- ② Lights up when connected to a Bluetooth compatible device.
 - Sets ash when Bluetooth disconnected
- ③ 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.

- ④ Indicates the signal strength level of the connected Bluetooth compatible device.
Displayed when Bluetooth setting is ON.

0	1	2	3	4	5

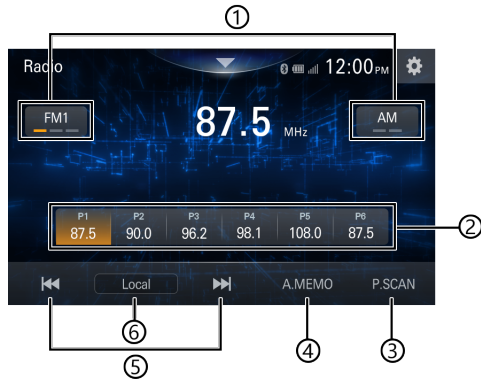
- ⑤ Indicates the current time.
You can switch between the 12 hour display and 24 hour display options (page 29).
- ⑥ Setup
Click to enter the Settings
- ⑦ Display SiriusXM signal level

0	1	2	3

- ⑧ Indicates the volume on/off status.

Radio

Radio main screen example



- ① Band button
Switches a band.
- ② Preset button
Displays the preset stations with a short touch.
Touch for at least 1.5. second to memorise the current station as a preset station.
- ③ Plays each preset station for about 10 seconds.
- ④ Scan and memorises active stations automatically
- ⑤ Touch [▶▶] [◀◀] to select the station seek up or seek down respectively
Touch [◀] [▶] to change the radio frequency up or down respectively.
Operate in manual mode
- ⑥ Switch Local mode/Manual mode/DX mode

Seek up [▶▶]

Seek up: From the current station ,seek forward according to the specified step unit ,
After selecting a active station, then play If no active station, will keep searching

Seek down [◀◀]

Seek down: From the current station ,seek down according to the specified step unit ,
After selecting a active station, then play If no active station, will keep searching

Radio Basic Operation

Listening to the Radio

- 1 Touch the (HOME) button and select radio mode.
The display shows the radio mode screen.
- 2 Select the desired band from [FM1] / [FM2] / [FM3] / [AM1]/[AM2].
- 3 Touch [▶▶], [◀◀] [◀], [▶] to adjust the radio frequency.

Presetting Stations Manually

- 1 Tune in a desired radio station you wish to store in the preset memory by manual or automatic seek tuning.
 - 2 Touch and hold the Preset number you want to store for at least 1.5 second.
The selected station is stored.
 - 3 Repeat the procedure to store up to 5 other stations onto the same band.
To use this procedure for other bands, simply select the desired band and repeat the procedure.

A total of 30 stations can be stored in the preset memory (6 stations for each band; FM1, FM2, FM3, orAM1,AM2).
- If a preset memory has already been set in the same preset number, it will be cleared and the new station will be memorized.

Presetting Stations Automatically

From the start Frequency ,scan upon the step unit (+1) and store the validated station ,After one cycle, store the station from low frequency to high frequency

Touch [A.MEMO] go to Scan for stations and store valid stations

- If a valid station is scanned, it is not required to play, the screen display "scanning" during the scanning process and will automatically switch to the first stored station on FM1

Mode switching Settings

Setting item:

Manual/DX(Initial setting)/Local

Setting contents:

Manual mode:manually scanning station

DX mode: When select the DX mode and start to search ,it will be performed until the next or previous valid station, if no valid station is searched, the search continues

Local mode: When select the local mode and start to search ,it will be performed until the next or previous valid station, if no valid station is searched, the search continues

- :By default, Dx mode is used. The Local mode stop sensitivity is increased by 30db over Dx under AM and FM

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. Just plug in your iPhone to the unit and go.

- Before using this function, plug in your iPhone using Lightning to USB Cable (Supplied with iPhone) to the unit.
- Some functions may not be available while driving.
- About iPhone models usable with this unit, see “iPod mode on iPhone (Optional)” (page 16). Only an iPhone 6 or later compatible with Apple CarPlay function.


Access to Apple CarPlay

1 Touch the (HOME) button.

The HOME screen is displayed.

2 Touch [Apple CarPlay].

The Apple CarPlay screen is displayed.

Touch the desired App icon on the unit, or use Siri function by touching the  button.

- When a used iPhone 6 or later is reconnected, touch the pop-up message-“Apple CarPlay connected.” within 5 seconds to access to Apple CarPlay screen.
- The App must be Apple CarPlay compatible in order to appear in the Home screen.

Android Auto™ (Optional)

What is Android Auto

Android Auto is designed to make it easier to use apps from your phone while you're on the road. Navigate with Google Maps, listen to Playlists or Podcasts from your favorite apps, and more.

Activate Android Auto

Download the Android Auto App from the Google Play Store before continuing.

Just plug in your smartphone to the unit's USB connector, then follow the prompt to pair your smartphone with the unit.

- The connected smartphone with Android Auto will disconnect other phone's Bluetooth connection and pair to the unit.

1 Touch the (HOME) button.

The HOME screen is displayed.

2 Touch [Android Auto].

The Android Auto screen is displayed.

- 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.

USB Flash drive (Optional)

You can play back music files (WAVE,WMA,AAC,MP3,OGG,FLAC,APE), video files (AVI,MPEG 1/2,MPEG4,WMV,Flash,QuickTime,ASF, Matroska Video,TS Stream,3GP) and photo files (JPG,JPEG,PNG,BMP) stored in a USB flash drive on the internal player of this system.

⚠ WARNING

It is dangerous for the driver to watch video while driving the vehicle. The driver may be distracted from looking ahead and an accident could occur.

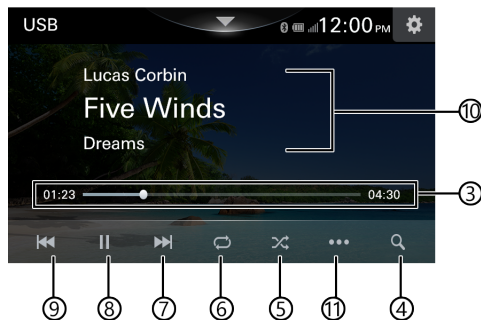
Install the unit correctly so that the driver cannot watch a video unless the car is stopped and the parking brake is applied.

If the unit is not installed correctly, the driver will be able to watch a video while driving and may be distracted from looking ahead and cause an accident. The driver or other people could be severely injured.

■ USB Audio mode screen



■ USB Video mode screen




■ USB Photo mode screen



- ① Artwork display
- ② Information display
- ③ Elapsed time/Total time for playing
- ④ Displays the USB List screen
- ⑤ Shuffle mode
- ⑥ [] repeat_off, [] repeat_folder, [] repeat_one, [] repeat_all,
- ⑦ Finds the beginning of next chapter//Fast-forwards when touched for at least 2 second
- ⑧ Pause and Play
- ⑨ Finds the beginning of the current file/Finds a previous file within 1 second after playback starts/Fast-reverses when touched for at least 2 second
- ⑩ Video information display
- ⑪ Video Setup display
- ⑫ Photo information display
- ⑬ Rotate mode




- For your safety, video is not displayed and only audio can be heard while driving.

Playback

1 Touch the  (HOME) button and select USB mode.
The display shows the USB mode screen.

2 Touch [Q] (Search).

3 Select the desired mode.


-  : USB Audio mode
-  : USB Video mode
-  : USB Photo mode

4 Touch [] or [] to select the desired track(file).

Returning to the beginning of the previous track (file):

Touch [].


Fast reverse the current track :

Touch and hold 2s [].


Advancing to the beginning of the next track (file) :

Touch [].

Fast forward the current track :

Touch and hold 2s [].

3 To pause playback, touch [].

Touching [] again will resume playback.



- The playback time may not be correctly displayed when a VBR (Variable Bit Rate) recorded file is played back.
- If there is tag information, artist name/album name/track name is displayed.
- If there is no label information, no name is displayed.
- ID3 tag/WMA tag

If an MP3/WMA/AAC/FLAC/WAVE/Ogg/APE file contains ID3 tag/WMA tag information, the ID3 tag/WMA tag information is displayed. (e.g., song name, artist name, and album name)

Fast-forwarding/Fast-reversing (USB Audio/Video)


During playback, touch and hold [] (Fast-reverse) or touch and hold [] (Fast-forward).

Touch and hold for more than 2 second to fast-forward/fast-reverse.





- **Fast-reverse Speed:**
touch [] to change the speed, x4 → x10 → x32 → off
- **Fast-forward Speed:**
touch [] to change the speed, x4 → x10 → x32 → off

Repeat Play (USB Audio/Video)

1 Touch [].

- The [] button displays the currently selected mode.

2 Select your desired Repeat mode.

- ALL : All files are repeatedly played back.
- One : Only the file currently playing is repeatedly played back.
- Folder : Only files in a folder are repeatedly played back.
- OFF : Repeat mode is Off.

Shuffle Play (USB Audio/Video)

1 Touch [].

- The [] button displays the currently selected mode.




2 Shuffle mode is only valid in [] [] [].

3 When in [] touch [], automatically switch [].

Searching for a Desired Song/Video/Photo

1 Touch [Q] (Search).

2 Select the desired mode.

-  : USB Audio mode
-  : USB Video mode
-  : USB Photo mode

3 Touch [] or [] to select the folder.


4 Touch your desired File name.

When you select a Folder name, repeat the same procedure to select another Folder name or File name.

Slide Show (USB Photo)

The Slide Show shows photos that change every 5 seconds.

To pause playback, touch []

Touching [] again will resume playback.

About USB List

You can select the desired mode

- Each page displays up to 5 files . if you want to view more than 5 files, swipe down or touch alphabet to search

About order

Display and sort according to the head character

Display in the order of 1 -> 2 -> 3 below.

- 0: Folder :When there are folders ,the folders are displayed ahead of the files
- 1: Number (represented by "#" on the Right Search Bar)
- 2: English Alphabet
- 3: Shorting order of Unicode

Right Search Bar (order of list)

- 1: Number (represented by "#" on the Right Search Bar)
- 2: English Alphabet

- Search only the files with numeric or English alphabetic headers

iPod mode on iPhone (Optional)

Before using this function, plug in your iPhone using a Lightning-USB cable (supplied with iPhone) to the unit,

- This unit does not support video playback from iPhone which connected to this unit via USB Connector.
- Internet or telephone function, etc., of the iPhone is not controllable from the unit, but these functions can be controlled using the iPhone itself.

About iPhone models usable with this unit

- The following devices have been tested and shown to work with this unit. Correct function of earlier versions cannot be guaranteed.
iPhone 14 Pro Max, iPhone 14 Pro, iPhone 14 Plus, iPhone 14, iPhone SE (3rd generation), iPhone 13 Pro Max, iPhone 13 Pro, iPhone 13, iPhone 13 mini, iPhone 12 Pro Max, iPhone 12 Pro, iPhone 12, iPhone 12 mini, 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, iPhone 6 Plus, iPhone 6

■ iPod main screen example



- ① Artwork display
- ② Information display*
- ③ Elapsed time/Total time for playing Repeat mode
- ④ Displays the iPod List screen
- ⑤ Shuffle mode
- ⑥ []repeat_off, []repeat_one, []repeat_all,
- ⑦ Finds the beginning of next chapter/Fast-forwards
When touched for at least 2 second
- ⑧ Pause and Play
- ⑨ Finds the beginning of the current file/Finds a previous
file within 1 second after playback starts/Fast-reverses when
touched for at least 2 second

* Podcast mode.

Playback

- 1 Touch the [] (HOME) button and select iPod mode.**
The display shows the iPod mode screen.
- 2 Touch [] or [] to select the desired track (file).**
Returning to the beginning of the previous track (file):
Touch [].
Fast reverse the current track :
Touch and hold 2s [].
Advancing to the beginning of the next track (file) :
Touch [].
Fast forward the current track :
Touch and hold 2s [].
- 3 To pause playback, touch [].**
Touching [] again will resume playback.
 - If a song is playing on the iPhone before it is connected to the unit, it will continue playing when it is connected.
 - An episode may have several chapters. The chapter can be changed by touching [] or [].
 - If the artist, album or song name, created in iTunes, has too many characters, songs may not be played back when connected to the unit. Therefore, a maximum of 255 characters is recommended. The maximum number of characters for the unit is 255.
 - Some characters may not be correctly displayed.

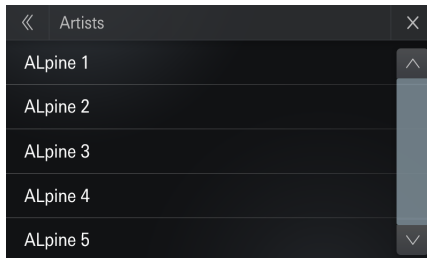
Searching for a Music File

<Music Search Menu>

Hierarchy 1	Hierarchy 2	Hierarchy 3	Hierarchy 4
Radio	—	—	—
Playlists	Songs	—	—
Artists	Albums	Songs	—
Albums	Songs	—	—
Songs	—	—	—
Genres	Artists	Albums	Songs
Composers	Albums	Songs	—
Podcasts	Episodes	—	—
Audiobook	—	—	—

For example: Searching by Artist name

The following example explains how an Artists search is performed.



1 Touch [Q] (Search) during playback.

2 Touch [Artists].

The Artists search screen is displayed.

3 Select the desired artist.

4 Touch the desired album's name.

All songs of the selected album are displayed


5 Touch the desired song's name.

The selected song is played back.

- If you touch [<<], the category browsing mode screen is displayed.


Repeat Play

1 Touch [].

- The [] button displays the currently selected mode.

2 Select your desired Repeat mode.


ALL  : All files are repeatedly played back.

One  : Only the file currently playing is repeatedly played back.

OFF  : Repeat mode is Off.

Shuffle Play

1 Touch [].

- The [] button displays the currently selected mode.

2 Shuffle mode is only valid in [] [] [].

3 When in [] touch [], automatically switch [].

SiriusXM® Satellite Radio Operation (Optional)

SiriusXM Tuner operation:

When an optional SiriusXM Tuner is connected to this unit, the following operations may be performed.

■ SiriusXM main screen example



- ① Band button
Switches a band.
- ② Tune
Select the specified channel manually
- ③ Information display
channel name, Artist Basic, Song Basic, Cat name
- ④ Preset buttons
Displays the preset channels with a short touch.
Touch for at least 1.5 second to memorize the current channel as a preset channel.
Select the channel number
- ⑤ Displays the SiriusXM setup screen
- ⑥ Displays the SiriusXM List screen
 - 📶 All channel: Displays all channel
 - 📶 Category: Select channel category
 - 📶 Tune: Select the specified channel manually
- ⑦ Changes to the next channel
- ⑧ Changes to the previous channel

Receiving Channels with the SiriusXM Tuner

About SiriusXM Satellite Radio

Only SiriusXM brings you more of what you love to listen to, all in one place. Get over 140 channels, including commercial-free music plus the best sports, news, talk, comedy and entertainment. Welcome to the world of satellite radio. A SiriusXM Vehicle Tuner and Subscription are required. For more information, visit www.siriusxm.com.

In the USA, you can activate online or by calling SiriusXM Listener Care:

- Visit www.siriusxm.com/activatenow
- Call SiriusXM Listener Care at 1-866-635-2349

For Canadian Subscriptions, please contact:

- Visit www.siriusxm.ca/activate
- Call SiriusXM Customer Care at 1-888-539-7474
- The SiriusXM Satellite Radio controls on this unit are available only when a SiriusXM Tuner is connected.

1 Touch the [HOME] button and select SiriusXM mode. The display shows the SiriusXM mode screen.

2 Touch [◀] or [▶] to select the desired channel. Touching and holding either button will rapidly browse through the channels.

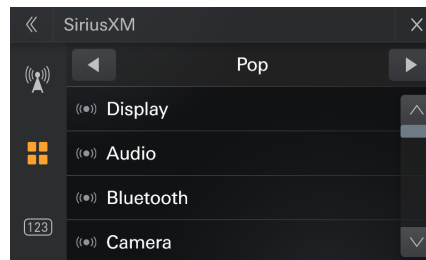
- Refer to the SiriusXM Tuner User Guide for details on how to install the SiriusXM Tuner.

Tuning Channels by Category

Channels are grouped into categories based on the type of content heard on the channels.

1 Touch [◀] or [▶] to select the category browsing mode. The channels within the category of the current channel are listed.

■ Category browsing mode screen example



2 Select the desired channel.

Checking the Sirius XM Radio ID Number

To subscribe to the SiriusXM Satellite Radio service, it is necessary to locate and identify the Radio ID of your SiriusXM Tuner. You can check the Radio ID on the bottom surface of the SiriusXM Tuner box. You can also check it from this unit by performing the following procedure.

1 While receiving SiriusXM Radio, touch [◀] or [▶] to select channel "0".

The unit displays the Radio ID number.

2 To cancel the Radio ID number display, change the channel to a channel other than "0".

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

Storing Channel Presets

You can store 18 of your favorite SiriusXM channels for easy recall with Preset buttons.

1 Long press the Preset number you can store the channel.
A maximum of 6 channels can be displayed on a page.

2 Repeat the procedure to store up to 17 other channels.
A total of 18 channels can be stored in the preset memory.

- If you store a new channel into a preset which already has a channel assigned, the current channel will be cleared and replaced with the new one.

Tuning Channels Using Presets

Touch any one of the Preset numbers you have already stored in the Preset mode screen.

The preset channel is received.

SiriusXM List

1 Touch [☰].
The list screen appears.

List item: All Channels / Category Name*/Tune

- * The Category name for the channel currently being received is displayed.
- You can switch the category by touching [◀] or [▶] on the List screen after selecting a Search item.

List by ALL Channel

2 Touch [☰].
All Channels will be displayed in a list.

3 Touch the selected channel.
The channel you selected is received.

Searching by Category

2 Touch Category Name.
The channels within the category of the current channel are listed.

3 Touch the selected channel.
The channel you selected is received.

Selecting The Channel Directly

1 Touch [Tune] or [123].
The numeric keypad input screen is displayed.

2 Touch to input the channel number.

3 Touch [OK].
The selected channel is received.

Parental Lock Function

The Parental Control feature allows you to limit access to any SiriusXM channels, including those with mature content. When enabled, the Parental Control feature requires you to enter a passcode to tune to the locked channels. For information on setting the Parental Control passcode, see "Parental Control" (page 29). When a locked channel is selected, "Channel [xxx] Locked" is displayed and then the numeric keypad appears for you to enter the passcode.

Input the 4-digit passcode you set in "Parental Control" (page 29).

The initial number is 0000.

- If you input a wrong passcode, "Incorrect Pass Code entered" is displayed.
- After entering the correct passcode, you can access all locked channels without entering the passcode again until the unit is powered off and then back on.

Bluetooth® Operation

Setup Before Using

About Bluetooth

Bluetooth is a wireless technology allowing communication between a mobile device or personal computer over short distances. This enables a hands-free call or data transmission between Bluetooth compatible devices. Bluetooth transmission is available in the unlicensed 2.4 GHz spectrum if the distance between devices is within 10 meters. For details, refer to the Bluetooth website (<http://www.bluetooth.com/>).

- Depending on the Bluetooth version, a Bluetooth compatible device may not be able to communicate with this unit.
- Proper function of this unit with all Bluetooth compatible devices is not guaranteed. For handling of the Bluetooth compatible device, consult your Alpine dealer or Alpine website.
- Depending on the surroundings, Bluetooth wireless connection may be unstable.
- When you place a call, or perform setup operations, be sure to stop your car in a safe place.
- Depending on the connected Bluetooth compatible device(s), the function may differ. Also refer to the Owner's Manual of the connected device(s).

About the Hands-free Phone

Hands-free calls are possible when using a HFP (Hands-Free Profile) compatible mobile phone with this unit.

- Avoid performing a hands-free call in heavy traffic or on narrow or winding streets.
- Close the windows while calling to reduce background noise.
- If both calling parties are using hands-free devices, or the call is made in a noisy location, difficulty hearing the other person's voice is normal.
- Depending on telephone line conditions or certain mobile devices used, voices may sound unnatural.
- When using a microphone, speak as directly as you can into the microphone to obtain the best sound quality.
- Certain mobile phone features are dependent on the capabilities and settings of your service provider's network. Additionally, certain features may not be activated by your service provider, and/or the provider's network settings may limit the feature's functionality. Always contact your service provider about feature availability and functionality. All features, functionality, and other product specifications, as well as the information contained in the Owner's Manual are based upon the latest available information and are believed to be accurate at the time of printing. Alpine reserves the right to change or modify any information or specifications without notice or obligation.

Before Using Bluetooth

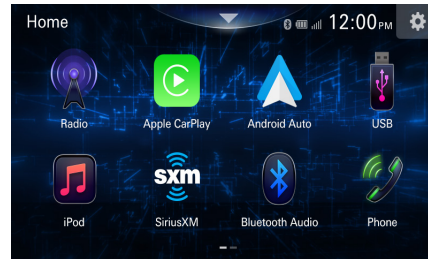
Before using the hands-free phone/audio function, the following settings need to be made.

Register a Bluetooth device in this unit.

- See "Bluetooth Setup" (page 38).
- You can search for this unit using a Bluetooth compatible device, and then connect that Bluetooth compatible device to this unit. The device name of this unit is "iLX-W670" and the initial number of the passcode is "0000." Also refer to the Owner's Manual of the connected device(s).

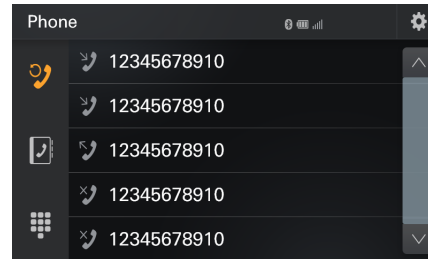
Hands-free Phone Control

Touch **[Bluetooth]** in the HOME screen to display the Bluetooth menu screen.



[Phone] button

Phone menu screen example



Recent Events list

You can display up to 100 items, such as phone numbers of the most recent incoming calls, missed calls and outgoing calls, and contact names that are registered in the Phone Book. When 100 items exist in the list, the oldest item is deleted when a further item is to be added.

Contacts list

You can make a phone call from the Phone Book, or edit the Phone book.

Keypad screen

Use to type a phone number.

Answering a Call

- 1 An incoming call triggers the ringtone and an incoming call display.

Phone Incoming screen example



- 2 Touch [Call] (Call).
The call starts.



- 1 Touch [Keypad] Display Keypad screen
- 2 Touch switch Car speaker [Speaker icon] Or Phone speaker [Phone icon]
- 3 Touch switch mute on/ off
- 4 Adjust the volume level

- During a call, the audio for the current mode on the unit is muted. After calling, playback will resume.
- When the caller's number is transmitted to the system, if the caller's name is stored in the phone book, the name is displayed. If the name is not stored, the number is displayed.
- Touch [Decline] to reject an incoming call.

Hanging up the Telephone

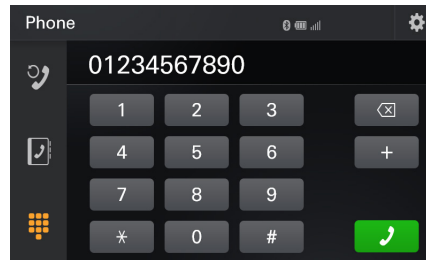
- 1 Touch [End Call].
The call finishes.

Calling

Making a phone call using the Phone Menu

Entering a Phone Number to Make a Call

- 1 Touch [Keypad].
The number input screen (Keypad) appears.

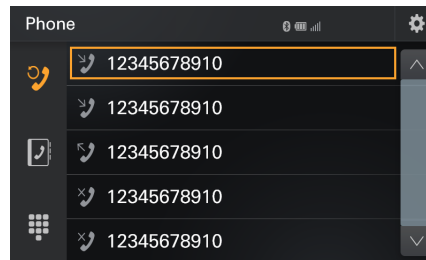


Touch [X] to delete an entered number.

- 2 Enter the phone number you wish to call.
 - You can enter up to 20 digits.
- 3 Touch [Call].
The phone call is started.
 - To change the Bluetooth device, see "Bluetooth Setup" (page 38).

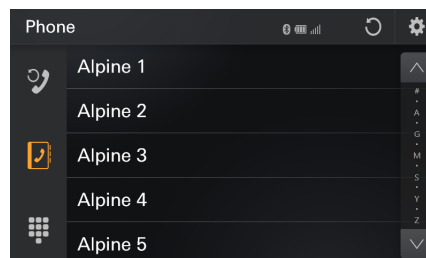
Making a phone call from the Recent Events list

- 1 Touch [Recent Events] to change to the Recent Events list screen.



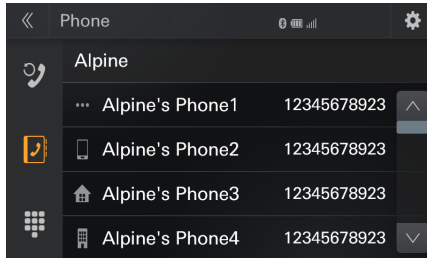
- 2 Touch the name of the contact or number you want to call.
The phone call is started.

Calling from the Contacts list (Phone Book)



- 1 Touch [Contacts] to change to the Contacts list screen.
- 2 Touch the name of the contact or number you want to call.

- 3 Touch the phone number.**
The Phone Operation screen is displayed.



- 4 Touch the number you want to call.**
The phone call is started

Siri

Establish iPhone Bluetooth connection and wake up Siri from phone , below interface will pop up and the voice output is from the unit.



Phone Operation Screen



Adjusting the Speech Volume

You can adjust Mic. Level (Microphone Level).

Level 1: Level 2: Level 3:

Changing the Voice Output

The voice output for calls is switchable between car speakers and the mobile phone speaker.

Touch or .

DTMF (Touch-Tone) Function

Transmits a DTMF (Touch-Tone) during a call.

1 Touch (Keypad).

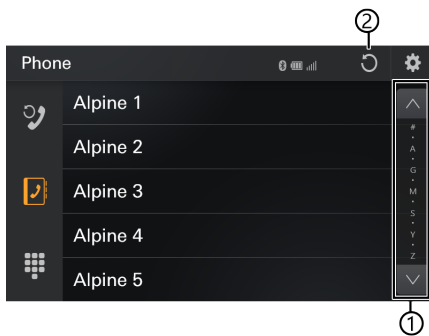
The number input screen (Keypad) appears.

2 Input number.

- You can transmit a Touch-Tone signal during a call.

Phone Book Function

Phone Book screen example



- Use to narrow down your search for names, etc.
- You can synchronize the system's phone book with the mobile phone's phone book.

Synchronizing the Phone Book

Touch .

Synchronization of the phone books starts.

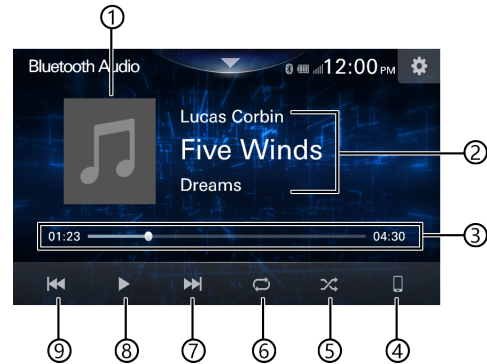
- You can store up to 1,000 registered name in the phone book.
- You can store up to 5 phone numbers by one person's name.

Bluetooth® Audio

If a Bluetooth compatible mobile phone, portable player, etc. is connected by wireless, you can play back a song (operation is controllable from the unit).

- Operation may vary, depending on the Bluetooth compatible device

Bluetooth Audio main screen example



- Default image display
- Information display
- Elapsed time/Total time for playing
- Search device
- Shuffle mode
- repeat_off, repeat_folder, repeat_one, repeat_all
- Finds the beginning of next chapter
- Pause and Play
- Finds the previous file

- Song title/Artist title/Album title/Elapsed time do not display for AVRCP Ver. 1.0.
- To play back audio, a mobile phone or a portable player conforming to A2DP (Advanced Audio Distribution Profile) or AVRCP (Audio/Video Remote Control Profile) is required. Not all functions work with all devices.
- During a call, sound on the Bluetooth audio source is paused.

Compatible AVRCP versions: 1.0, 1.3, 1.4, 1.5, 1.6.2

- Available functions may differ depending on the AVRCP version.

Playback

- 1 Touch the **⏠** (HOME) button and select **Bluetooth Audio mode**.

The display shows the Bluetooth Audio mode screen.

- 2 Touch [**⏮**] or [**⏭**] to select the desired track (file).

Returns the beginning of the previous file:

Touch [**⏮**].

Advance to the beginning of the next file:

Touch [**⏭**].

- 3 To pause playback, touch [**⏸**].

Repeat Play

Available for AVRCP Ver. 1.0, 1.3, 1.4, 1.5, 1.6.2.

- 1 Touch [**🔄**].
 - [**🔄**] displays the currently selected mode.

- 2 Select your desired Repeat mode.
The selected Repeat mode changes the button.

ALL **🔄**: Once all of the songs have finished playing, play back is repeated, starting with the first song.

One **🔄**: Only the track currently playing is repeatedly played back.

OFF **🔄**: Repeat mode is Off.

- Operations may differ depending on the connected Bluetooth compatible device.

Shuffle Play

Available for AVRCP Ver. 1.0, 1.3, 1.4, 1.5, 1.6.2.

Touch [**🔀**].

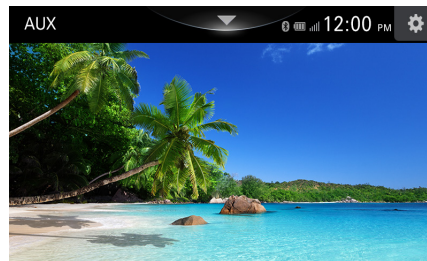
- All songs in the Bluetooth compatible devices are played back in random sequence. Any one song does not play back again until all songs have been played back.
- Operations may differ depending on the connected Bluetooth compatible device.

AUX Operation (Optional)

AUX Operation

- Through AUX connection, you can display the videos or images output from other devices
- For safety, video image can not be displayed when vehicle is moving. To view the video image, please stop in a safe zone and apply the parking brake.
- A mini AV cable is required to make the connection (sold separately) Further details are given in <<Installation Manual>>

AUX screen example



- 1 Touch [**⏠**].
- 2 Touch [AUX] Display AUX screen

Camera Operation (Optional)

Camera screen example



Setting item:

Display Reverse video

Setting contents:

Camera Guide Off (Initial setting) / On

- No impacts on other modes (except video, video shall be suspended, When playing the audio, the audio shall continue playing), Switch to this screen, other modes to run in the background

Camera Operation

Displaying the Camera Image from the Menu screen

- 1 Touch the **HOME** button.
The HOME screen is displayed

- 2 Touch [Camera].

- Touch the screen while the camera image is being displayed, and touch [X] to return to the main source screen or previous screen.
- You can perform a Guide Adjustment for the rear view image. For details, see "Rear Camera Setup" (page 39).

Displaying the rear view video while the car is in reverse

- 1 Shift the gear lever to the reverse (R) position.

The rear view image is displayed while the car remains in reverse.

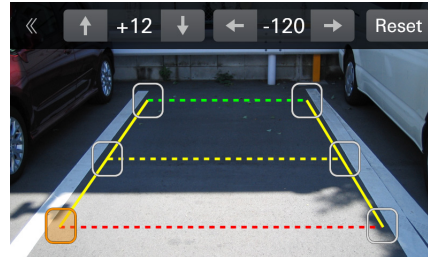
- 2 If you shift the gear lever to a position other than reverse (R), the monitor returns to the previous screen.

- Never depend solely on the camera when backing up. Always turn and look and only use the camera for additional assistance.
- This function is effective when the reverse wire is properly connected.
- You can perform a Guide Adjustment for the rear view image. For details, see "Rear Camera Setup" (page 39).

About the Rear Camera Guide

■ Indication mark meaning

When the car is put into reverse gear, the monitor switches to the rear view camera image. Guides appear to help visualize the car's width and distance from the rear bumper.



Car width extension marks (red, yellow and green in order of distance)

If properly calibrated, the marks indicate the car's width. This helps guide the car's path when backing up in a straight line.

The marks represent the distance from the rear of the car (from the rear end of the bumper).

- The marks do not move in synchronization with the steering wheel.
- Set the marks to suit the car's width.
- Depending on the condition of the car or road surface, the range of vision may vary.
- The camera has a limited range of vision. Objects at extreme angles to the camera (e.g. under the bumper or at opposite ends of the bumper) may not be in its field-of-vision.
- The rear camera image may have a tint which is different from the actual surroundings.
- Depending on the car, the guidance may deviate to the right or left. This is not a malfunction.

Sound Boost and Lighting link (Optional)



- ① Current screen On/Off
 - ② Sub.Woofer On/Off
Linkage with the Settings in sound (page 35)
 - ③ Adjust Sub.Woofer Level
Linkage with the Settings in sound (page 35)
 - ④ Sub.Woofer Phase
Linkage with the Settings in sound (page 35)
0° (Initial setting), 180°
 - ⑤ Lighting Link setting
can change the LED color of the system model, the keyColor of this unit, and the background color in tandem.
 - ⑥ Displays sound setup icon
touch the icon to sound setup screen
 - ⑦ Max Mid Bass On/Off
Linkage with the Settings in sound (page 33)
 - ⑧ Max Bass On/Off
Linkage with the Settings in sound (page 33)
- If Lightinglink is OFF in the settings, this icon will not be displayed (page 40).

Lighting Link Setting Operation

When operating the Lighting color of the system model with Lightinglink, it is necessary to connect a model that supports Lightinglink. Check the Alpine website for compatible models.

- 1 Touch [■■■].
- 2 Touch [▼] Display Sound Boost screen
- 3 Touch [●] Display Lighting Link screen

Lighting Link screen example



- ① LED On/Off
LED OFF: Premium Direct Color and LED Brightness and LED Lighting Speed, Other Color is grayed out and cannot be selected. And the Lighting of the connected system turns off.
- ② Select Premium Direct Color
Blue,Red,Amber,Green,White
Each Lighting color changes in conjunction. Please refer to page 27 for the changed parts and their colors.
- ③ Adjust LED Brightness
Adjusts the brightness level of the LEDs on Lightinglink-enabled models
-3 - +3 Initial: 0
- ④ Adjust LED Light Blinking Speed
- ⑤ Select Other Color
Select Premium Direct Color or Dynamic mode

LED Brightness

Adjusts the brightness level of the LEDs on Lightinglink-enabled models

Setting item:

LED Brightness

Setting contents:

-3~+3,0(Initial setting)

LED Lighting Speed

Adjusts the level of LED Light Blinking Speed for Lightinglink compatible models

Setting item:

LED Lighting Speed

Setting contents:

-5~+5,0(Initial setting)

Other Color



- Please connect the Lighting Link compatible model with the lighting level and speed setting values set to 0.

Lighting Link settings Colors

- Lighting Link has 8 modes.

Lighting Link Setting Colors	Premium Direct color select					Other colors	Dynamic Mode	LED OFF
	Red	Blue	Green	Amber	White	7 colors		
Lighting Link & Sound boost background, Sub.W Ring Color	Red	Blue	Green	Amber	White	Rainbow1	Rainbow2	-
Key Color*	Red	Blue	Green	Amber	White	White	White	select
Background Screen Color*	Red	Blue	Green	Amber	White	White	White	User

* key Color and Background Screen Color is linked when Lighting Link is ON. Please see page 32.

* If you select a color with the Lighting Link function, it will all change to the selected color pattern regardless of the current color settings for each.

* BackgroundScreen color and keyColor can be changed individually after setting Lighting Link (page 32).

- Lighting Link System model is option.