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Digital Media Receiver

iDA-X001

- QUICK REFERENCE GUIDE
  Please read before using this equipment.
- GUIDE DE RÉFÉRENCE RAPIDE
  Veuillez lire avant d'utiliser cet appareil.
- GUÍA DE REFERENCIA RÁPIDA
  Léalo antes de utilizar este equipo.

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LIMITED WARRANTY

The Quick Reference Guide explains basic operation of Radio, Radio Data System and iPod functions. For details on operation, refer to the iDA-X001 Owner's Manual, which may be downloaded from the ALPINE homepage (http://www.alpine-usa.com).
Also, if required, an Alpine dealer will readily provide a print out of the Owner's Manual.
For iDA-X001 information, refer to the product page on the homepage.

WARNING

⚠WARNING

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

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 BATTERIES 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 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.

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, shift lever, brake pedals, etc. can be extremely hazardous.

⚠ CAUTION

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

HALT USE IMMEDIATELY IF A PROBLEM APPEARS.

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

⚠PRECAUTIONS

About iPods usable with this unit

- The unit can be used with the fourth generation and above iPod, iPod photo, iPod mini or the first generation iPod nano only. However, future generation iPod compatibility cannot be guranteed.
- Touch wheel or scroll wheel type iPods without the dock connector cannot be connected to the unit.
- The unit can be used with the following iPod.

  <USB connected>
  Fifth generation iPod
  First generation iPod nano

  <Directly connected>
  Fourth generation iPod
  Fifth generation iPod
  iPod photo
  iPod mini
  First generation iPod nano

- *If the unit is used with iPod software versions of iTunes earlier than 7.0.0.1, correct function and performance are not guaranteed.*

Protecting the USB connector

- Only an iPod or USB memory 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 memory device, 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.
- Artist/song name, etc., can be displayed, however characters may not be correctly displayed.

On Handling USB Memory

- To prevent malfunction or damage, note the following points.
  Read the USB memory Owner's Manual thoroughly.
  Do not touch the terminals by hand or metal.
  Do not subject USB memory to excessive shock.
  Do not bend, drop, disassemble, modify or soak in the water.
- 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 memory in a location where driver operation will not be hindered.
- USB memory may not function correctly at high or low temperature.
- Use only certified USB memory. Note that even certified USB memory, may not function correctly depending on its type or state.
- USB memory function is not guaranteed. Use USB memory according to the terms of agreement.
- Depending on the settings of the USB memory type, memory state or encoding software, the unit may not play back or display properly.
- A file that is copy-protected (copyright protection) cannot be played back.
- USB memory may take time to start playback. If there is a particular file other than audio in the USB memory, 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.

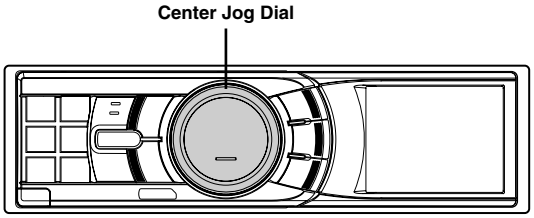
⚠CAUTION

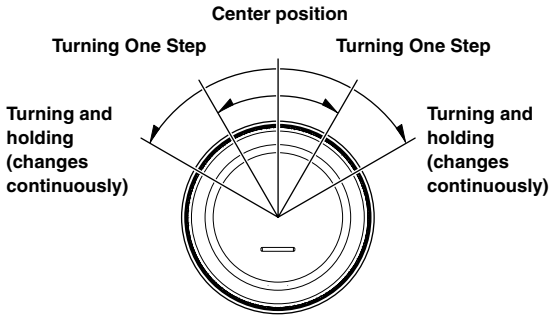
Alpine accepts no responsibility for lost data, etc., even if data, etc., is lost while using this product.

- ***Windows Media and the Windows logo are trademarks, or registered trademarks of Microsoft Corporation in the United States and/or other countries.***
- ***Apple, the Apple logo, iPod and iTunes are trademarks of Apple Computer, Inc., registered in the U.S. and other countries.***
- ***"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"***
- ***"Uni-Type™" is a style of Universal design font developed by a joint reserch between LIM Corporation Ltd., and Chiba University Faculty of Engineering.***
- ***"Uni-Type™" is the trademark registered by LIM Corporation Ltd.***

Center Jog Dial Operation

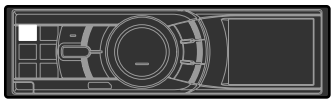
The Center Jog Dial is used when you adjust volume, select list items, etc., by turning it left or right. You can turn the Center Jog Dial left or right in two steps, and settings change depending on the steps.





After turning the Center Jog Dial, it will return to its Center position automatically when you release it.

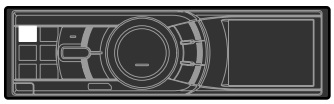
Getting Started



Turning Power On and Off

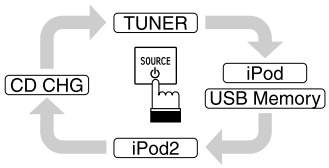
ON :
Press SOURCE/⏻.

OFF :
Press and hold SOURCE/⏻ for at least 2 seconds

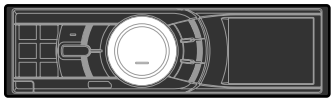


Changing the Source

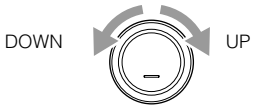
Press SOURCE/⏻ repeatedly.
Select the desired mode.

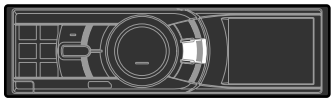


iPod :	If a USB connection to an iPod is used.
iPod2 :	If an iPod is directly connected using the ALPINE FULL SPEED™ Connection Cable (KCE-422i).
USB Memory :	Displayed when USB memory is connected.
CD CHG :	Displayed when a CD changer is connected.



Adjusting Volume





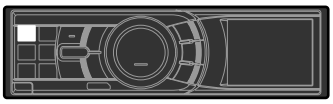
Changing the Display

Press VIEW repeatedly.

In each audio mode, the display changes every time VIEW is pressed.

Radio

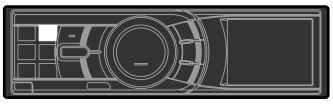
1



Recalling the TUNER Mode

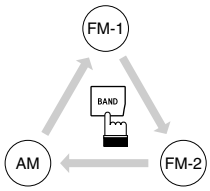
Press SOURCE/⏻ repeatedly.
Select the tuner mode.

2

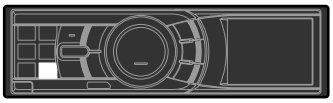


Changing the Band

Press BAND repeatedly.
Select the desired radio band.



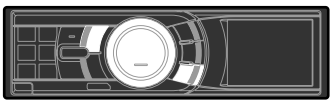
3



Presetting Stations Automatically

Press and hold TUNE/A.ME for at least 2 seconds.
The tuner will automatically seek and store 6 strong stations in the selected band.
They will be stored into preset numbers 1 to 6 in order of signal strength.

4



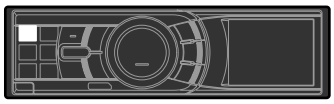
Tuning to Preset Stations

1 **Press PRESET.**
The Preset screen is displayed.

2 **Turn the Center Jog Dial.**
Select the a radio station.

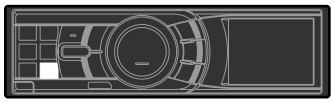
3 **Press ENT.**
The display shows the band, preset number and frequency of the station selected.

iPod®



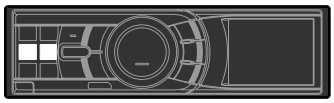
Recalling the iPod Mode

Press SOURCE/⏻ repeatedly.
Select the iPod mode.



Pause and Playback

To pause playback, press ▶/II.
Pressing ▶/II again will resume playback.



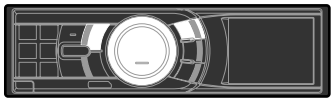
Selecting the desired song

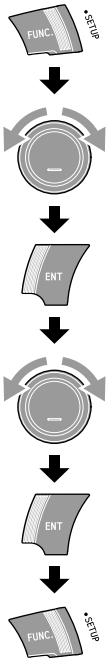
Return to the beginning of the current song:
Press |◀◀.

Fast backward:
Press and hold |◀◀.

Advance to the beginning of the next song:
Press ▶▶|.

Fast forward:
Press and hold ▶▶|.



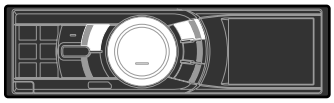


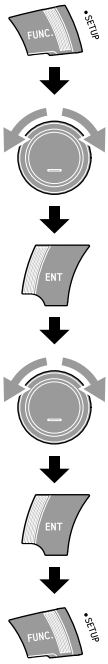
Repeat Play

Repeat Song:
A single song is repeatedly played back.

Repeat Off:
Repeat playback is canceled.

1. **Press FUNC./SETUP.**
   The Function screen is displayed.
2. **Turn the Center Jog Dial to select Repeat.**
3. **Press ENT.**
4. **Turn the Center Jog Dial to select a Song.**
5. **Press ENT.**
6. **Press FUNC./SETUP.**
   The song is repeatedly played back.





Random Play Shuffle

Shuffle Albums:
Album shuffle plays back all songs in an album in order, then randomly selects the next album.

Shuffle Songs:
Song shuffle randomly plays back certain selected songs.

Shuffle Off:
Shuffle mode off.

1 **Press FUNC./SETUP.**
The Function screen is displayed.

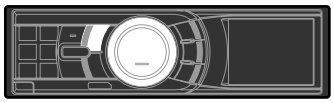
2 **Turn the Center Jog Dial to select Shuffle.**

3 **Press ENT.**

4 **Turn the Center Jog Dial.**
Select the Shuffle playback mode.

5 **Press ENT.**

6 **Press FUNC./SETUP.**
The songs will be played back in random sequence.



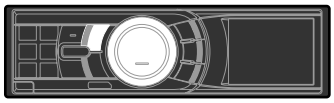
Random Play Shuffle All

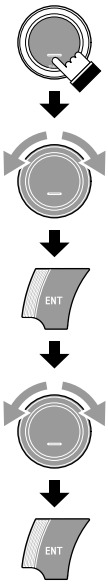
Shuffle ALL plays all songs in the iPod randomly.

1 **Press /SEARCH.**
The Menu Select screen is displayed.

2 **Turn the Center Jog Dial to select Shuffle All mode.**

3 **Press ENT.**
The songs will be played back in random sequence.





Searching for a desired Song/Title

Using the Playlist/Artist/Album/Podcast/Audiobook/Genre/Composer/Song search mode's individual hierarchy, you can narrow down your search as shown in the table below.

Hierarchy 1	Hierarchy 2	Hierarchy 3	Hierarchy 4
Playlists	Songs	-	-
Artists	Albums	Songs	-
Albums	Songs	-	-
Podcasts	Episodes	-	-
Audiobooks*	-	-	-
Genres	Artists	Albums	Songs
Composers	Albums	Songs	-
Songs	-	-	-

* *Only when connected via USB.*

- *E.g., if there is only an album in the selected artist when USB is connected, the song search mode is selected in such a way that the album search mode is skipped.*

1 Press 🔍/SEARCH.
The Menu Select screen is displayed.

2 Turn the Center Jog Dial to select the desired searching mode.
Playlists / Artists / Albums / Podcasts / Audiobooks / Genres / Composers / Songs

3 Press ENT.

4 Turn the Center Jog Dial to select the desired title.

5 Press ENT.

Song/Episode/Audiobook Search mode :	The selected song/title is played back.
Others Search mode :	Proceed to the search mode of the next hierarchy. Select a title by performing steps 4 and 5 repeatedly.

- *After pressing and holding ENT for at least 2 seconds while in each hierarchy (except Song/Episode/Audiobook hierarchy), all songs/titles of the selected hierarchy are played back.*

Specifications

FM TUNER SECTION

Tuning Range	87.7-107.9 MHz
Mono Usable Sensitivity	9.3 dBf (0.8 µV/75 ohms)
50 dB Quieting Sensitivity	13.5 dBf (1.3 µV/75 ohms)
Alternate Channel Selectivity	80 dB
Signal-to-Noise Ratio	65 dB
Stereo Separation	35 dB
Capture Ratio	2.0 dB

AM TUNER SECTION

Tuning Range	530-1,710 kHz
Sensitivity (IEC Standard)	22.5 µV/27 dB

USB SECTION

USB requirements	USB 1.1/2.0
Max. Power Consumption	500mA
USB Class	Mass Storage
File System	FAT 12/16/32
MP3 Decoding	MPEG-1/2 AUDIO Layer-3
WMA Decoding	Windows Media™ Audio
AAC Decoding	AAC-LC format ".m4a" file
Number of Channels	2-Channel (Stereo)
Frequency Response*	5-20,000 Hz (±1 dB)
Total Harmonic Distortion	0.008% (at 1 kHz)
Dynamic Range	95 dB (at 1 kHz)
Signal-to-Noise Ratio	105 dB
Channel Separation	85 dB (at 1 kHz)

* Frequency response may differ depending on the encoder software/bit rate.

GENERAL

Power Requirement	14.4 V DC (11-16 V allowable)
Power Output	18 W RMS × 4*

*Primary amplifier ratings per CEA-2006 Standard

- Power output: measured at 4 Ohms and ≤ 1% THD+N
- S/N: 80 dBA (reference: 1 W into 4 Ohms)

Maximum Pre-Output Voltage	2 V/10 k ohms
Weight	1.0 kg (2 lbs. 3 oz)

CHASSIS SIZE

Width	178 mm (7")
Height	50 mm (2")
Depth	156 mm (6-1/8")

NOSEPIECE SIZE

Width	170 mm (6-3/4")
Height	46 mm (1-13/16")
Depth	24 mm (15/16")

DETACHABLE FRONT PANEL SIZE

Width	107 mm (4-1/4")
Height	46 mm (1-13/16")
Depth	30 mm (1-3/16")

- *Due to continuous product improvement, specifications and design are subject to change without notice.*

Installation

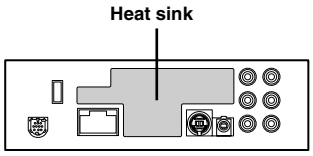
- Be sure to disconnect the cable from the (–) battery post before installing your iDA-X001. This will reduce any chance of damage to the unit in case of a short-circuit.
- Be sure to connect the color coded leads according to the diagram. Incorrect connections may cause the unit to malfunction or damage to the vehicle's electrical system.
- When making connections to the vehicle's electrical system, be aware of the factory installed components (e.g. on-board computer). Do not tap into these leads to provide power for this unit. When connecting the iDA-X001 to the fuse box, make sure the fuse for the intended circuit of the iDA-X001 has the appropriate amperage. Failure to do so may result in damage to the unit and/or the vehicle. When in doubt, consult your Alpine dealer.
- The iDA-X001 uses female RCA-type jacks for connection to other units (e.g. amplifier) having RCA connectors. You may need an adaptor to connect other units. If so, please contact your authorized Alpine dealer for assistance.
- Be sure to connect the speaker (–) leads to the speaker (–) terminal. Never connect left and right channel speaker cables to each other or to the vehicle body.

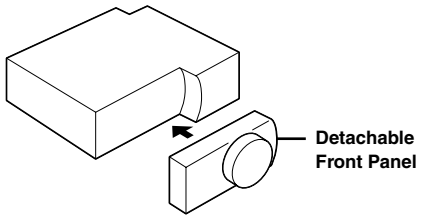
Accessory List

- **Digital Media receiver** **1**
- **Power cable** **1**
- **Mounting sleeve** **1**
- **Carrying case** **1**
- **Front frame** **1**
- **Bracket key** **2**
- **Screw (M5x8)** **4**
- **USB cable** **1**
- **iPod Dock interface cable** **1**
- **Quick Reference Guide** ..... **1 set**

Caution

Do not block the unit's heat sink, thus preventing air circulation. If blocked, heat will accumulate inside the unit and may cause a fire.

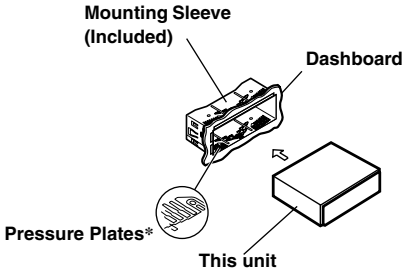




Caution

When you install this unit in your car, do not remove the detachable front panel.
If the detachable front panel is removed during installation, you might press too hard and warp the metal plate that holds it in place.

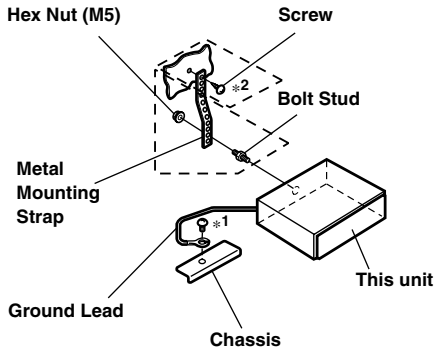
1



* *If the installed mounting sleeve is loose in the main unit, the pressure plates may be widened slightly to remedy the problem.*

Remove mounting sleeve from the main unit (see "Removal" on page 11).

2



Reinforce the head unit with the metal mounting strap (not supplied). Secure the ground lead of the unit to a clean metal spot using a screw (*1) already attached to the vehicle's chassis.

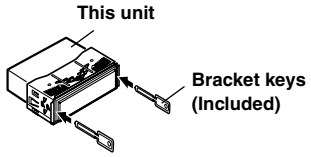
- *For the screw marked "*2", use an appropriate screw for the chosen mounting location.*

Connect each input lead coming from an amplifier or equalizer to the corresponding output lead coming from the left rear of the iDA-X001. Connect all other leads of the iDA-X001 according to details described in the CONNECTIONS section.

3 **Slide the iDA-X001 into the dashboard until it clicks. This ensures that the unit is properly locked and will not accidentally come out from the dashboard. Install the detachable front panel.**

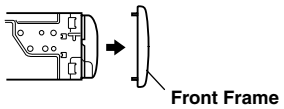
Removal

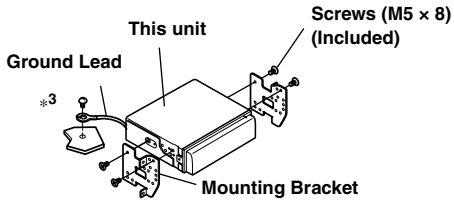
1. Remove the detachable front panel.
2. Insert the bracket keys into the unit, along the guides on either side. The unit can now be removed from the mounting sleeve.



3. Pull the unit out, keeping it unlocked as you do so.

<JAPANESE CAR>

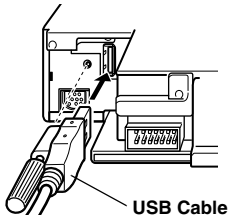




- *Secure the ground lead of the unit to a clean metal spot using a screw (*3) already attached to the vehicle's chassis.*

USB cable connection

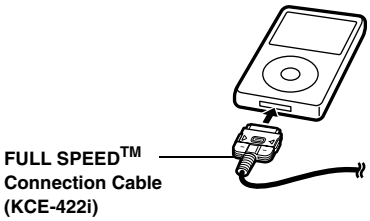
Insert a USB cable into the unit, and fix with a lock screw.



iPod Connection (sold separately)

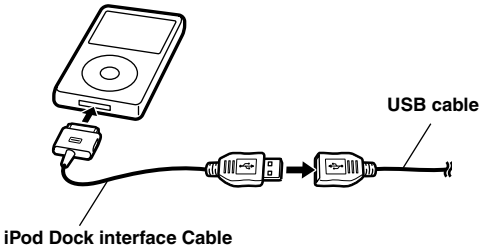
Direct connection

Connect iPod direct connector to an iPod with FULL SPEED™ connection cable (KCE-422i).



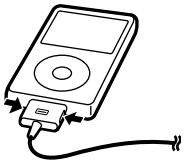
USB connection

Connect USB cable to an iPod with iPod Dock interface cable.



Remove the iPod

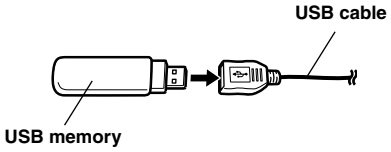
Remove the iPod from FULL SPEED™ Connection Cable or iPod Dock interface cable.



USB memory Connection (sold separately)

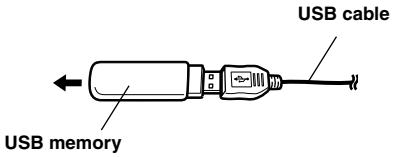
Connect USB memory

Connect USB memory to USB cable.



Remove USB memory

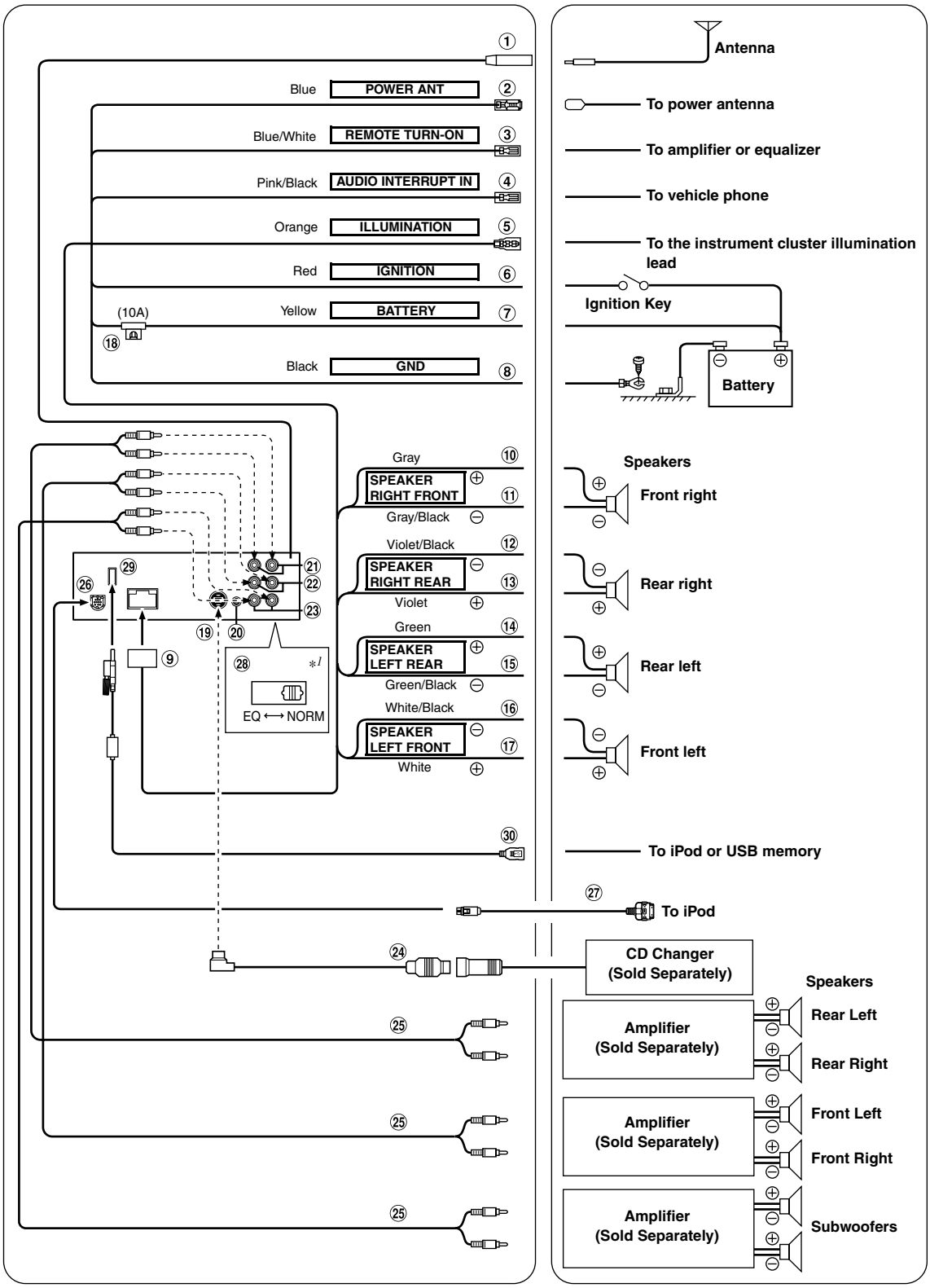
Pull out USB memory squarely from the USB cable.



IMPORTANT
Please record the serial number of your unit in the space provided below and keep it as a permanent record. The serial number or the engraved serial number is located on the bottom of the unit.

SERIAL NUMBER: _____
INSTALLATION DATE: _____
INSTALLATION TECHNICIAN: _____
PLACE OF PURCHASE: _____

Connections



*1 *The label is attached on the bottom of the unit.*

① **Antenna Receptacle**

② **Power Antenna Lead (Blue)**
Connect this lead to the +B terminal of your power antenna, if applicable.

- *This lead should be used only for controlling the vehicle's power antenna. Do not use this lead to turn on an amplifier, or a signal processor, etc.*

③ **Remote Turn-On Lead (Blue/White)**
Connect this lead to the remote turn-on lead of your amplifier or signal processor.

④ **Audio Interrupt In Lead (Pink/Black)**

⑤ **Illumination Lead (Orange)**
This lead may be connected to the vehicle's instrument cluster illumination lead. This will allow the backlighting of the iDA-X001 to dim whenever the vehicle's lights are turned on.

⑥ **Switched Power Lead (Ignition) (Red)**
Connect this lead to an open terminal on the vehicle's fuse box or another unused power source which provides (+)12V only when the ignition is turned on or in the accessory position.

⑦ **Battery Lead (Yellow)**
Connect this lead to the positive (+) post of the vehicle's battery.

⑧ **Ground Lead (Black)**
Connect this lead to a good chassis ground on the vehicle. Make sure the connection is made to bare metal and is securely fastened using the sheet metal screw provided.

⑨ **Power Supply Connector**

⑩ **Right Front (+) Speaker Output Lead (Gray)**

⑪ **Right Front (-) Speaker Output Lead (Gray/Black)**

⑫ **Right Rear (-) Speaker Output Lead (Violet/Black)**

⑬ **Right Rear (+) Speaker Output Lead (Violet)**

⑭ **Left Rear (+) Speaker Output Lead (Green)**

⑮ **Left Rear (-) Speaker Output Lead (Green/Black)**

⑯ **Left Front (-) Speaker Output Lead (White/Black)**

⑰ **Left Front (+) Speaker Output Lead (White)**

⑱ **Fuse Holder (10A)**

⑲ **Ai-NET Connector**
Connect this to the output or input connector of another device (CD Changer, Equalizer, HD Radio™ TUNER MODULE, etc.) equipped with Ai-NET.

- *Interface adapter for iPod™ (KCA-420i) is not recommended for use with this product.*

⑳ **Steering Remote Control Interface Connector**
To steering Remote control interface box.

㉑ **Rear Output RCA Connectors**
RED is right and WHITE is left.

㉒ **Front Output RCA Connectors**
RED is right and WHITE is left.

㉓ **Subwoofer RCA Connectors**
RED is right and WHITE is left.

㉔ **Ai-NET Cable (Included with CD Changer)**

㉕ **RCA Extension Cable (sold separately)**

㉖ **iPod Direct Connector**
Control iPod signals.
Connect this to an iPod or to an optional Bluetooth Box. To use a hands-free mobile phone, an optional Bluetooth Box connection is required. For details on connection, refer to the Owner's Manual of the Bluetooth Box.

㉗ **FULL SPEED™ Connection Cable (KCE-422i) (sold separately)**

㉘ **System Switch**
When connecting a processor or divider using Ai-NET, place this switch in the EQ position. When no device is connected, leave the switch in the NORM position.

- *Be sure to turn the power off to the unit before changing the switch position.*

㉙ **USB Connector**
Connect USB cable.

㉚ **USB cable**
Connect this to an USB memory or to an iPod. To use an iPod, iPod Dock interface cable connection is required.

- *Use the supplied USB cable. If a USB cable other than the supplied is used, correct performance cannot be guaranteed.*
- *Route the USB cable away from other cables.*

To prevent external noise from entering the audio system.
- Locate the unit and route the leads at least 10 cm away from the car harness.
- Keep the battery power leads as far away from other leads as possible.
- Connect the ground lead securely to a bare metal spot (remove any paint, dirt or grease if necessary) of the car chassis.
- If you add an optional noise suppressor, connect it as far away from the unit as possible. Your Alpine dealer carries various noise suppressors, contact them for further information.
- Your Alpine dealer knows best about noise prevention measures so consult your dealer for further information.

LIMITED WARRANTY

ALPINE ELECTRONICS OF AMERICA, INC. AND ALPINE OF CANADA INC. ("Alpine"), are dedicated to quality craftsmanship and are pleased to offer this Warranty. We suggest that you read it thoroughly. Should you have any questions, please contact your Dealer or contact Alpine at one of the telephone numbers listed below.

● PRODUCTS COVERED:

This Warranty covers Car Audio Products and Related Accessories ("the product"). Products purchased in the Canada are covered only in the Canada. Products purchased in the U.S.A. are covered only in the U.S.A.

● LENGTH OF WARRANTY:

This Warranty is in effect for one year from the date of the first consumer purchase.

● WHO IS COVERED:

This Warranty only covers the original purchaser of the product, who must reside in the United States, Puerto Rico or Canada.

● WHAT IS COVERED:

This Warranty covers defects in materials or workmanship (parts and labor) in the product.

● WHAT IS NOT COVERED:

This Warranty does not cover the following:

① Damage occurring during shipment of the product to Alpine for repair (claims must be presented to the carrier).
② Damage caused by accident or abuse, including burned voice coils caused by over-driving the speaker (amplifier level is turned up and driven into distortion or clipping). Speaker mechanical failure (e.g. punctures, tears or rips). Cracked or damaged LCD panels. Dropped or damaged hard drives.
③ Damage caused by negligence, misuse, improper operation or failure to follow instructions contained in the Owner's manual.
④ Damage caused by act of God, including without limitation, earthquake, fire, flood, storms or other acts of nature. Any cost or expense related to the removal or reinstallation of the product.
⑤ Service performed by an unauthorized person, company or association.
⑥ Any product which has the serial number defaced, altered or removed.
⑦ Any product which has been adjusted, altered or modified without Alpine's consent.
⑧ Any product not distributed by Alpine within the United States, Puerto Rico or Canada.
⑨ Any product not purchased from an Authorized Alpine Dealer.

● HOW TO OBTAIN WARRANTY SERVICE:

① You are responsible for delivery of the product to an Authorized Alpine Service Center or Alpine for repair and for payment of any initial shipping charges. Alpine will, at its option, repair or replace the product with a new or reconditioned product without charge. If the repairs are covered by the warranty, and if the product was shipped to an Authorized Alpine Service Center or Alpine, Alpine will pay the return shipping charges.
② You should provide a detailed description of the problem(s) for which service is required.
③ You must supply proof of your purchase of the product.
④ You must package the product securely to avoid damage during shipment. To prevent lost packages it is recommended to use a carrier that provides a tracking service.

● HOW WE LIMIT IMPLIED WARRANTIES:

ANY IMPLIED WARRANTIES INCLUDING FITNESS FOR USE AND MERCHANTABILITY ARE LIMITED IN DURATION TO THE PERIOD OF THE EXPRESS WARRANTY SET FORTH ABOVE AND NO PERSON IS AUTHORIZED TO ASSUME FOR ALPINE ANY OTHER LIABILITY IN CONNECTION WITH THE SALE OF THE PRODUCT.

● HOW WE EXCLUDE CERTAIN DAMAGES:

ALPINE EXPRESSLY DISCLAIMS LIABILITY FOR INCIDENTAL AND CONSEQUENTIAL DAMAGES CAUSED BY THE PRODUCT. THE TERM "INCIDENTAL DAMAGES" REFERS TO EXPENSES OF TRANSPORTING THE PRODUCT TO THE ALPINE SERVICE CENTER, LOSS OF THE ORIGINAL PURCHASER'S TIME, LOSS OF THE USE OF THE PRODUCT, BUS FARES, CAR RENTALS OR OTHERS COSTS RELATING TO THE CARE AND CUSTODY OF THE PRODUCT. THE TERM "CONSEQUENTIAL DAMAGES" REFERS TO THE COST OF REPAIRING OR REPLACING OTHER PROPERTY WHICH IS DAMAGED WHEN THIS PRODUCT DOES NOT WORK PROPERLY. THE REMEDIES PROVIDED UNDER THIS WARRANTY ARE EXCLUSIVE AND IN LIEU OF ALL OTHERS.

● HOW STATE/PROVINCIAL LAW RELATES TO THE WARRANTY:

This Warranty gives you specific legal rights, and you may also have other rights which vary from state to state and province to province. In addition, some states/provinces do not allow limitations on how long an implied warranty lasts, and some do not allow the exclusion or limitation of incidental or consequential damages. Accordingly, limitations as to these matters contained herein may not apply to you.

● IN CANADA ONLY:

This Warranty is not valid unless your Alpine car audio product has been installed in your vehicle by an Authorized Installation Center, and this warranty stamped upon installation by the installation center.

● HOW TO CONTACT CUSTOMER SERVICE:

Should the product require service, please call the following number for your nearest Authorized Alpine Service Center.

CAR AUDIO	**1-800-ALPINE-1 (1-800-257-4631)**
NAVIGATION	**1-888-NAV-HELP (1-888-628-4357)**

Or visit our website at; http://www.alpine-usa.com

ALPINE ELECTRONICS OF AMERICA, INC., 19145 Gramercy Place, Torrance, California 90501, U.S.A.
ALPINE ELECTRONICS OF CANADA, INC., 777 Supertest Road, Toronto, Ontario M3J 2M9, Canada
Do not send products to these addresses.
Call the toll free telephone number or visit the website to locate a service center.