

FOR CAR USE ONLY/NUR FÜR AUTOMOBIL GEBRAUCH/POUR APPLICATION AUTOMOBILE UNIQUEMENT/
PARA USO EN AUTOMÓVILES/SOLO PER L'UTILIZZO IN AUTOMOBILE/ENDAST FÖR BILBRUK



Digital Media Receiver

iDA-X001

MP3



AAC



**USB
PLAYBACK**

- **QUICK REFERENCE GUIDE**
Please read before using this equipment.
- **KURZANLEITUNG**
Lesen Sie diese Kurzanleitung bitte vor Gebrauch des Gerätes.
- **GUIDE DE RÉFÉRENCE RAPIDE**
Veuillez lire avant d'utiliser cet appareil.
- **GUÍA DE REFERENCIA RÁPIDA**
Léalo antes de utilizar este equipo.
- **GUIDA RAPIDA**
Si prega di leggere prima di utilizzare il attrezzatura.
- **SNABBGUIDE**
Innan du använder utrustningen bör du läsa igenom denna snabbguide.

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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.manuals.alpine-europe.com>). Also, if required, an Alpine dealer will readily provide a print out of the Owner's Manual.

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 SHIFT LEVER.

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 guaranteed.
- 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

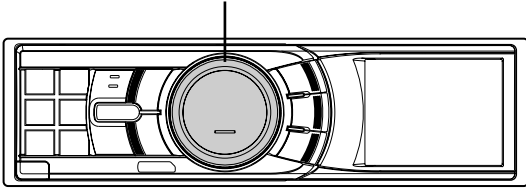
Alpine accepts no responsibility for lost data, etc., even if data, etc., is lost while using this product.

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- **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."**
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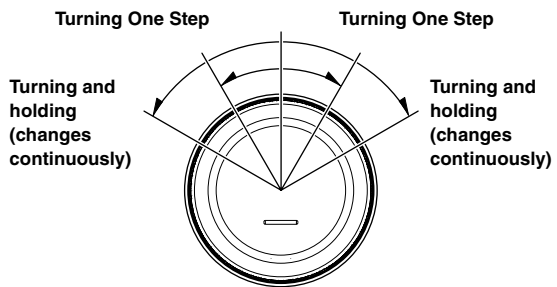
Center Jog Dial Operation

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.

Center Jog Dial

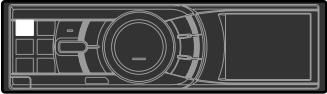

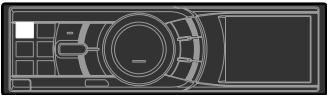

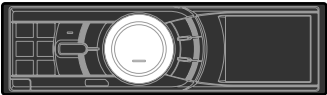


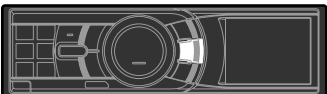



Centre position

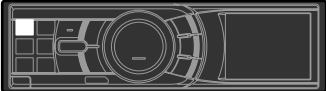

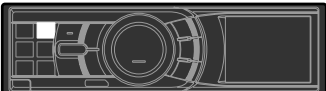

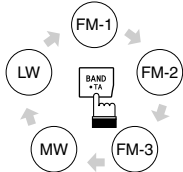
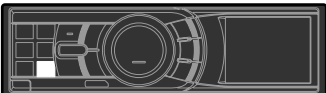





After turning the Center Jog Dial, it will return to its centre position automatically when you release it.

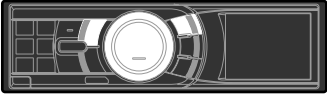

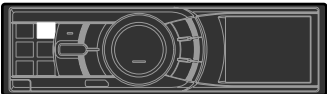


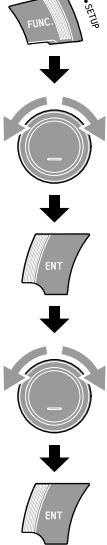
Getting Started

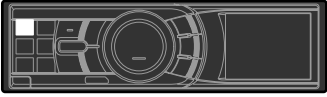



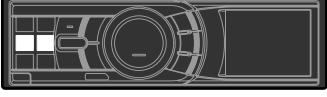


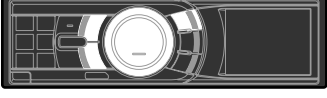
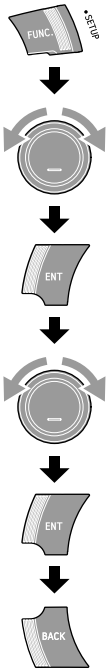
		<h2>Turning Power On and Off</h2> <p>ON : Press SOURCE/⏻.</p> <p>OFF : Press and hold SOURCE/⏻ for at least 2 seconds</p>
		<h2>Changing the Source</h2> <p>Press SOURCE/⏻ repeatedly. Select the desired mode.</p> <div data-bbox="957 459 1278 614"> </div> <p>iPod : If a USB connection to an iPod is used. 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.</p>
		<h2>Adjusting Volume</h2> <p style="text-align: center;">DOWN  UP</p>
		<h2>Changing the Display</h2> <p>Press VIEW repeatedly.</p> <p>In each audio mode, the display changes every time VIEW is pressed.</p>

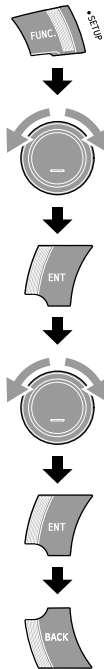
Radio

1			<h3>Recalling the TUNER Mode</h3>
<p>Press SOURCE/⏻ repeatedly. Select the tuner mode.</p>			<h3>Changing the Band</h3>
2			<p>Press BAND/TA repeatedly. Select the desired radio band.</p>
			<h3>Presetting Stations Automatically</h3>
3			<p>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.</p>
4			<h3>Tuning to Preset Stations</h3>
<ol style="list-style-type: none"> 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. 			

RDS

		<h2>Setting RDS Reception Mode and Receiving RDS Stations</h2> <p>The RDS (Radio Data System) is a radio information system using the 57 kHz subcarrier of regular FM broadcast. The RDS allows you to receive a variety of information such as traffic information, station names, and to automatically re-tune to a stronger transmitter that is broadcasting the same programme.</p> <ol style="list-style-type: none"> 1 Press FUNC./SETUP to activate the Function mode. 2 Press ENT to select the AF (Alternative Frequency) mode. 3 Turn the Center Jog Dial to select On, and press ENT. 4 Press FUNC./SETUP to activate the RDS mode.
		<h2>Receiving Traffic Information</h2> <p>Press and hold BAND/TA for at least 2 seconds to turn on the "TA" indicator.</p> <p>When a traffic information station is tuned in, the "TP" indicator lights up. Traffic information is heard only when it is being broadcast. If traffic information is not being broadcast, the unit is set in the standby mode. When a traffic information broadcast begins, the unit automatically receives it and the TRF Info screen is displayed. When the traffic information broadcast is over, the unit will automatically set in the standby mode.</p>
		<h2>PTY (Programme Type) Tuning</h2> <ol style="list-style-type: none"> 1 Press FUNC./SETUP to activate the Function mode. 2 Turn the Center Jog Dial to select PTY, and press ENT, while the unit is in Radio (FM receiving) mode. The PTY Select screen is displayed. 3 Turn the Center Jog Dial to choose the desired programme type. 4 Press ENT after selecting the programme type to start searching for a station in the selected programme type. The chosen programme type display blinks during searching and lights when a station is found. <p>If no PTY station is found, "No PTY" will be displayed for 10 seconds.</p>

		<h2>Recalling the iPod Mode</h2> <p>Press SOURCE/⏏ repeatedly. Select the iPod mode.</p>
		<h2>Pause and Playback</h2> <p>To pause playback, press ▶/⏏. Pressing ▶/⏏ again will resume playback.</p>
	 	<h2>Selecting the desired song</h2> <p>Return to the beginning of the current song: Press ⏮.</p> <p>Fast backward: Press and hold ⏮.</p> <p>Advance to the beginning of the next song: Press ⏭.</p> <p>Fast forward: Press and hold ⏭.</p>
		<h2>Repeat Play</h2> <p>Repeat Song: A single song is repeatedly played back.</p> <p>Repeat Off: Repeat playback is cancelled.</p> <ol style="list-style-type: none"> Press FUNC./SETUP. The Function screen is displayed. Turn the Center Jog Dial to select Repeat. Press ENT. Turn the Center Jog Dial to select a Song. Press ENT. Press BACK. 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.

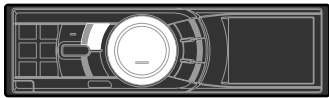
Shuffle Songs:

Song shuffle randomly plays back certain selected songs.

Shuffle Off:

Shuffle mode off.

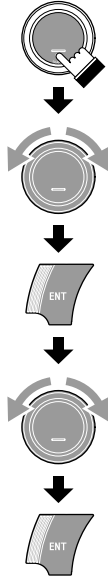
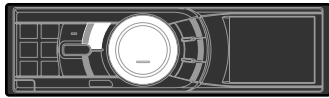
- 1 Press FUNC./SETUP.**
The Function screen is displayed.
- 2 Turn the Center Jog Dial to select Shuffle.**
- 3 Press ENT.**
- 4 Turn the Center Jog Dial.**
Select the Shuffle playback mode.
- 5 Press ENT.**
- 6 Press BACK.**
The songs will be played back in random sequence.



Random Play Shuffle All

Shuffle ALL plays all songs in the iPod randomly.

- 1 Press Q/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 Q/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	87.5-108.0 MHz
Mono Usable Sensitivity	0.7 μ V
Alternate Channel Selectivity	80 dB
Signal-to-Noise Ratio	65 dB
Stereo Separation	35 dB
Capture Ratio	2.0 dB

MW TUNER SECTION

Tuning Range	531-1,602 kHz
Sensitivity (IEC Standard)	25.1 μ V/28 dB

LW TUNER SECTION

Tuning Range	153-281 kHz
Sensitivity (IEC Standard)	31.6 μ V/30 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 (\pm 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)
Maximum Power Output	50 W \times 4
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

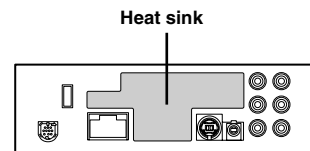
- Be sure to disconnect the cable from the (-) battery post before installing your iDA-X001. This will reduce any chance of damage to the unit in case of a short-circuit.
- Be sure to connect the colour coded leads according to the diagram. Incorrect connections may cause the unit to malfunction or damage 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.

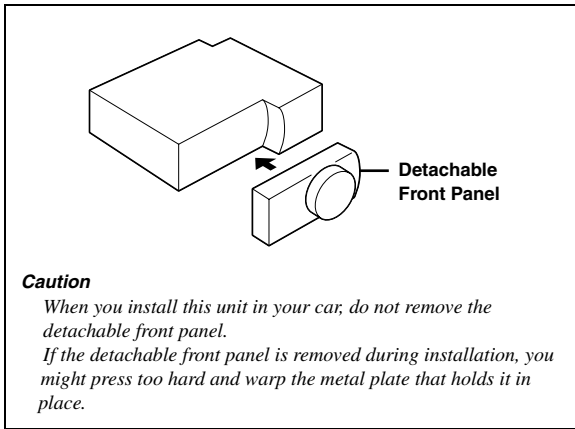
Accessory List

- Digital Media receiver 1
- Power cable 1
- Mounting sleeve 1
- Carrying case 1
- Front frame 1
- USB cable 1
- iPod Dock interface cable..... 1
- Rubber Cap..... 1
- Hex Bolt..... 1
- Screw (M5x8) 4
- Quick Reference Guide..... 1 set

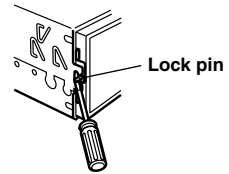
Caution

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.



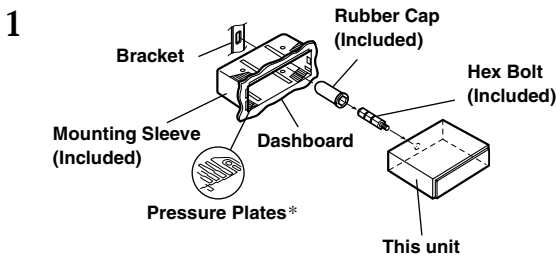


3 Slide the iDA-X001 into the dashboard. When the unit is in place, make sure the locking pins are fully seated in the down position. This can be done by pressing firmly in on the unit while pushing the locking pin down with a small screwdriver. This ensures that the unit is properly locked and will not accidentally come out from the dashboard. Install the detachable front panel.



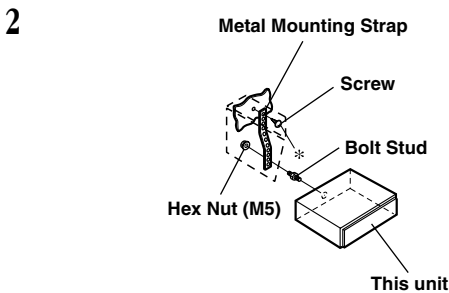
Removal

1. Remove the detachable front panel.
2. Use a small screwdriver (or similar tool) to push the locking pins to the "up" position (see above drawing). As each pin is unlocked, gently pull out on the unit to make sure it does not re-lock before unlocking the second pin.
3. Pull the unit out, keeping it unlocked as you do so.



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

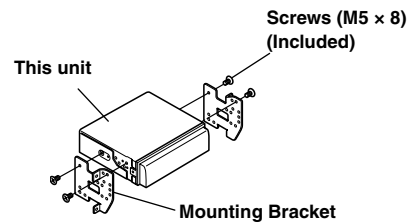
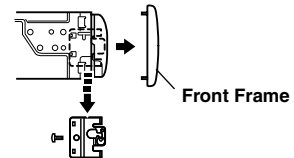
Remove the mounting sleeve from the main unit (see "Removal" on page 12). Slide the mounting sleeve into the dashboard and fix it with the metal shackles.



When your vehicle has the Bracket, mount the long hex bolt onto the rear panel of the iDA-X001 and put the Rubber Cap on the hex bolt. If your vehicle does not have the Mounting Support, reinforce the head unit with the metal mounting strap (not supplied). Connect all the leads of the iDA-X001 according to details described in the CONNECTIONS section.

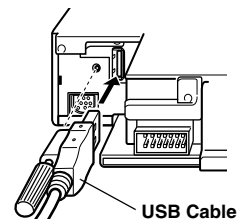
- For the screw *, provide a proper screw to the chassis installing location.

<JAPANESE CAR>



USB cable connection

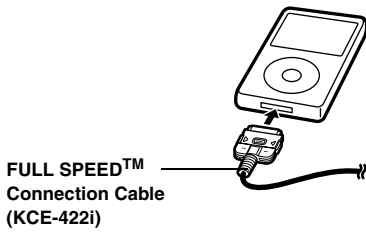
Insert a USB cable into the unit, and fix with a lock screw.



iPod Connection (sold separately)

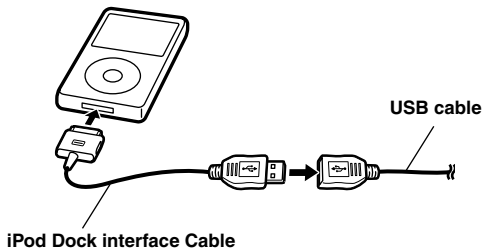
Direct connection

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

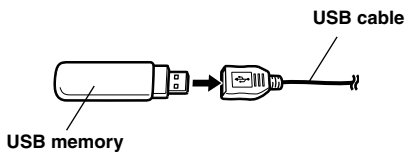
Remove the iPod from FULL SPEED™ Connection Cable or iPod Dock interface cable.



USB memory Connection (sold separately)

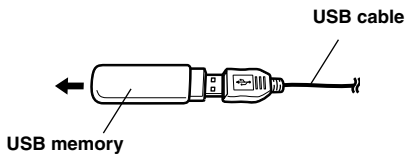
Connect USB memory

Connect USB memory to USB cable.



Remove USB memory

Pull out USB memory squarely from the USB cable.

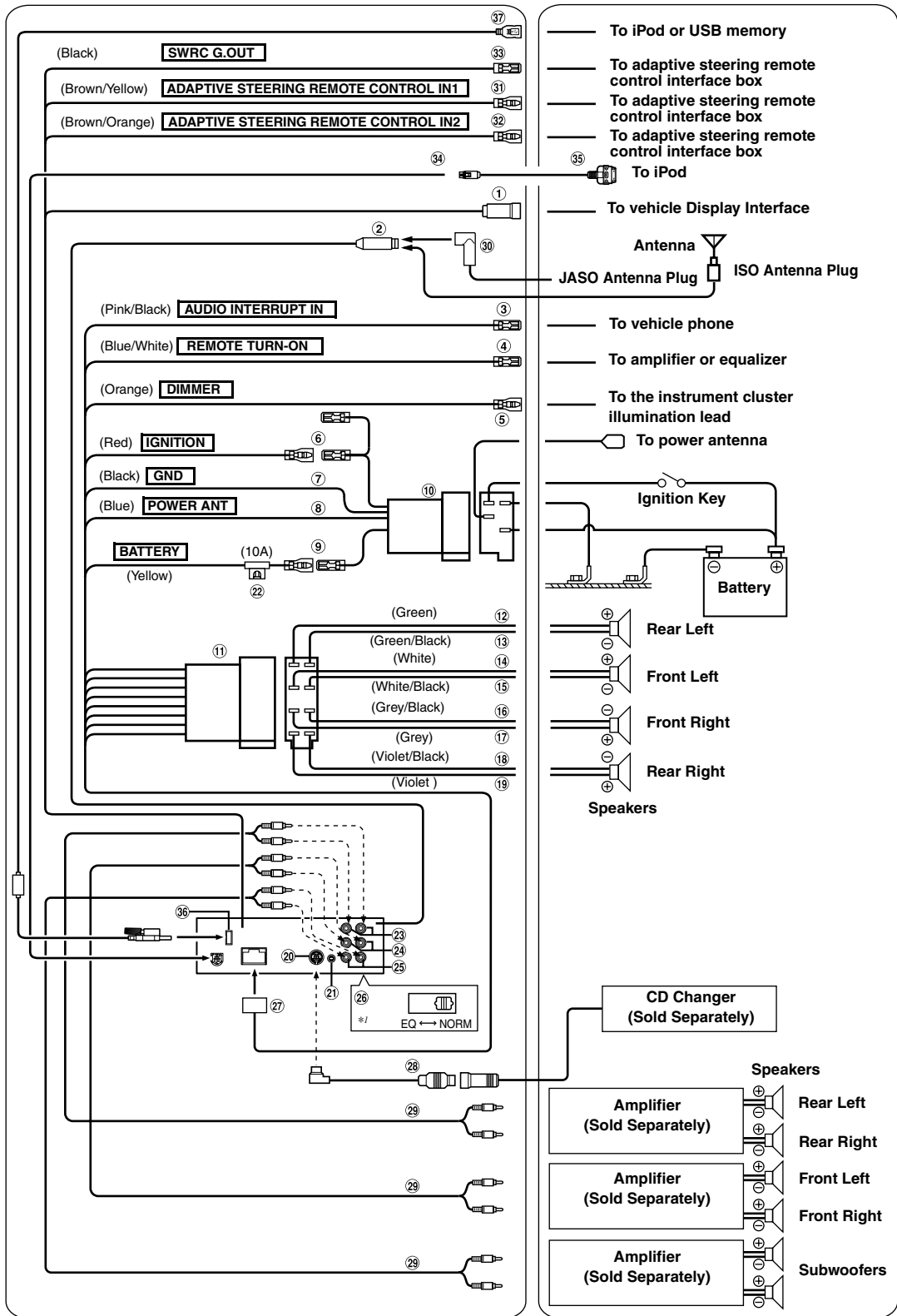


IMPORTANT

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 **Vehicle Display Interface Connector**
Outputs Vehicle Display Interface control signals. Connect this to the optional Vehicle Display Interface box. For details about connections, consult your nearest Alpine dealer.
- ② **Antenna Receptacle**
- ③ **Audio Interrupt In Lead (Pink/Black)**
Connect this lead to the Audio Interface output of a cellular phone which provides ground shorting when a call is received.
- ④ **Remote Turn-On Lead (Blue/White)**
Connect this lead to the remote turn-on lead of your amplifier or signal processor.
- ⑤ **Dimmer Lead (Orange)**
This lead may be connected to the vehicle's instrument cluster illumination lead. This will enable the vehicle's dimmer control to dim the backlighting of the unit.
- 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 **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.
- ⑧ **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.*
- ⑨ **Battery Lead (Yellow)**
Connect this lead to the positive (+) post of the vehicle's battery.
- ⑩ **ISO Power Supply Connector**
- ⑪ **ISO Connector (Speaker Output)**
- ⑫ **Left Rear (+) Speaker Output Lead (Green)**
- ⑬ **Left Rear (-) Speaker Output Lead (Green/Black)**
- ⑭ **Left Front (+) Speaker Output Lead (White)**
- ⑮ **Left Front (-) Speaker Output Lead (White/Black)**
- ⑯ **Right Front (-) Speaker Output Lead (Grey/Black)**
- ⑰ **Right Front (+) Speaker Output Lead (Grey)**
- ⑱ **Right Rear (-) Speaker Output Lead (Violet/Black)**
- ⑲ **Right Rear (+) Speaker Output Lead (Violet)**
- ⑳ **Ai-NET Connector**
Connect this to the output or input connector of other product (CD changer, Equalizer, etc.) equipped with Ai-NET.
- ㉑ **Steering Remote Control Interface Connector**
To steering remote control interface box. For details about connections, consult your nearest Alpine dealer.
- ㉒ **Fuse Holder (10A)**
- ㉓ **Rear Output RCA Connectors**
RED is right and WHITE is left.
- ㉔ **Front Output RCA Connectors**
RED is right and WHITE is left.
- ㉕ **Subwoofer Output RCA Connectors**
RED is right and WHITE is left.
- ㉖ **System Switch**
When connecting a processor 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.*
- ㉗ **Power Supply Connector**
- ㉘ **Ai-NET Cable (Included with CD Changer)**
- ㉙ **RCA Extension Cable (sold separately)**
- ㉚ **ISO/JASO Antenna Adaptor (sold separately)**
An ISO/JASO antenna adaptor may be required, depending on the vehicle.
- ㉛ **Adaptive Steering Remote Control In 1 Lead (Brown/Yellow)**
To adaptive steering remote control interface box. For details about connections, consult your nearest Alpine dealer.
- ㉜ **Adaptive Steering Remote Control In 2 Lead (Brown/Orange)**
To adaptive steering remote control interface box. For details about connections, consult your nearest Alpine dealer.
- ㉝ **Steering Wheel Remote Control G.OUT**
To adaptive steering remote control interface box. For details about connections, consult your nearest Alpine dealer.
- ㉞ **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.
- ㉟ **FULL SPEED™ Connection Cable (KCE-422i) (sold separately)**
- ㊱ **USB Connector**
Connect USB cable.
- ㊲ **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.

S/NO. LABEL