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You can read the recommendations in the user guide, the technical guide or the installation guide for ALPINE PDX-4.100M. You'll find the answers to all your questions on the ALPINE PDX-4.100M in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

## User manual ALPINE PDX-4.100M User guide ALPINE PDX-4.100M Operating instructions ALPINE PDX-4.100M Instructions for use ALPINE PDX-4.100M Instruction manual ALPINE PDX-4.100M

The image shows a multi-language excerpt from the ALPINE PDX-4.100M user manual. It is organized into three columns: ENGLISH, FRANÇAIS, and ESPAÑOL. Each column contains safety warnings (e.g., 'WARNING', 'ATTENTION', 'PREVENIR'), technical specifications (e.g., 'SPECIFICATIONS', 'ESPECIFICACIONES'), and installation diagrams (e.g., 'INSTALLATION', 'MONTAJE'). The diagrams include numbered steps (Fig. 1, Fig. 2, Fig. 3, Fig. 4) showing the assembly of the device. The text is dense and follows a standard technical manual layout.



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**Manual abstract:**

We at ALPINE hope that your new PDX-4. 100M will give you many years of listening enjoyment. In case of problems when installing your PDX-4. 100M , please contact your authorized ALPINE dealer. CAUTION: These controls are for tuning your system. please consult your authorized Dealer for adjustment. This symbol means important instructions. WARNING Failure to heed them can result in serious injury or death. This symbol means important instructions.

CAUTION Failure to heed them can result in injury or property damages.

OWNER'S MANUAL Please read this manual to maximize your enjoyment of the outstanding performance and feature capabilities of the equipment, then retain the manual for future reference. 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. 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.

Doing so may result in an accident, fire or electric shock. Use for other than its designed application may result in fire, electric shock or other injury. Doing so may cause heat to build up inside and may result in fire. Failure to make the proper connections may result in fire or product damage. Arrange wiring and cables in compliance with the manual to prevent obstructions when driving.

Never cut away cable insulation to supply power to other equipment. 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. @@@Swallowing them may result in serious injury. @@@@To ensure safety, always contact the dealer where you purchased this product to have the work done. 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. 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. 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. This Amplifier has been type tested and found to comply with the limits for a Class B computing device in accordance with the specifications in Subpart J of Part 15 of FCC

Rules. This equipment generates and uses radio frequency energy, and it must be installed and used properly in accordance with the manufacturer's instructions. Please record the serial number of your unit in the space provided here and keep it as a permanent record. 11kg NOTE: For product improvement, specifications and design are subject to change without notice. With this series of amplifiers, up to three units can be stacked together in a typical installation. Depending on the number of units you wish to install, refer to instructions A to C below. @@ ).

Doing so may result in short circuit or accident. note: When stacking amplifiers , do not install horizontally or at an incline. Any installation other than parallel to the vehicle floor, invalidates the warranty. preparation for installation 1. Using the amplifier as a template, mark the four screw locations.

2. Make sure there are no objects behind the surface that may become damaged during drilling. 100M over the screw holes, and secure with four self-tapping screws. NOTE: To securely connect the ground lead, use an already installed screw on the metal part of the vehicle (marked ). Be sure this is a good ground by checking continuity to the battery ( ) terminal.

As much as possible connect all equipment to the same ground point. Position the unit over the screw holes you prepared earlier. 2. Remove the four corner top caps on top using the hexagon wrench (large, supplied). Fasten the unit down with the four self-tapping screws (M4 x 40, supplied). NOTE: A magnetic screwdriver is recommended to prevent the screw being dropped while tightening. @6 x 14, supplied with connected amplifier) per each cap. @@ 4. @@ 5. @@@@Do not connect this lead to the fuse block.

@@ ). Doing so may result in short circuit or accident. @@@@Do not connect speaker leads together or to chassis ground. @@@@The power wire cannot be connected until its end has been stripped. Below explains how to connect the stripped end of the power wire.

note: · Use the supplied hexagon screws for this connection. It is highly recommended that this be carried out by the dealer. If you make this connection yourself, ensure the connection is correct by following the instructions below carefully. Be sure to use the supplied hexagon screws for this connection. To prevent disconnection of the leads or dropping of the unit, do not carry the unit by the wire.

Be sure to add a fuse as close as possible to the battery. Make sure to use a fuse of the correct rating for the power wire. Only AWG4 (the wire gauge) is recommended to use for this connection. If in doubt, consult your dealer or Customer Support regarding correct wire gauge to use. Strip back between 7-10mm (9/32"-3/8") of the power wire's insulation to expose the conductor.

notes: · If the length of the exposed conductor is too short, a poor connection may occur causing operation failure or sound interruption. Conversely, if the exposed conductor is too long, an electrical short-circuit may occur. Loosen the unit's wire terminal hexagon screws, and insert the exposed conductor into the terminal and finally tighten to secure the connection. When you connect the speaker wire to the unit, you need to insert the speaker wire into the speaker plug. Below explains how to insert the speaker wire into the speaker plug.

If in doubt, consult your dealer regarding correct wire gauge to use. If the length of the exposed conductor is too short, a poor connection may occur causing operation failure or sound interruption. Conversely, if the exposed conductor is too long, an electrical short-circuit may occur. Insert the positive speaker wire into the positive speaker terminal, and the negative speaker wire into the negative speaker terminal. Speaker plug/Prise du haut-parleur/Toma del altavoz Hexagon screw hole/Orifice de la vis à six pans/Agujero de tornillo hexagonal Negative lead terminal hole/Orifice de la borne du conducteur négatif/Agujero del terminal del conductor negativo Speaker negative terminal/Borne négative du haut-parleur/Terminal negativo del altavoz Speaker wire (negative)/Câble du haut-parleur (négatif)/Cable del altavoz (negativo) Positive lead terminal hole/Orifice de la borne du conducteur positif/Agujero del terminal del conductor positivo Positive speaker terminal/Borne positive du haut-parleur/Terminal positivo del altavoz Speaker wire (positive)/Câble du haut-parleur (positif)/Cable del altavoz (positivo) 7 Ground Lead (sold separately) Connect this lead securely to a clean, bare metal spot on the vehicle's chassis.



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Verify this point to be a true ground by checking for continuity between that point and the negative (-) terminal of the vehicle's battery. Ground all your audio components to the same point on the chassis to prevent ground loops. When making adjustments 8-14 below, remove the hexagon screw (indicated by in the illustration) using the hexagon wrench (small, supplied), and then open the control cover. Using a dynamic CD as a source, increase the head unit volume until the output distorts. Then, reduce the volume 1 step (or until the output is no longer distorted).

Now, increase the amplifier gain until the sound from the speakers becomes distorted. Reduce the gain slightly so the sound is no longer distorted to achieve the optimum gain setting. 9, \$ Crossover Mode Selector Switch a) Set to the "LP" position when the amplifier FILTER is used to drive a subwoofer. @@@@B) Set to the "HP" position when the amplifier is used to drive a tweeter/midrange system. the frequencies below the crossover point will be attenuated at 12 dB/octave. C) Set to the "OFF" position when the amplifier will be used for driving full-range speakers. The full frequency bandwidth will be output to the speakers with no high or low frequency attenuation. You can confirm the amplifier status by how the indicator is lit, as shown in the table below. Turn off when power is off. An Turn off the power supply and eliminate the cause. Then turn on the electrical short .



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