



# Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for ALPINE PDX-V9. You'll find the answers to all your questions on the ALPINE PDX-V9 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-V9  
User guide ALPINE PDX-V9  
Operating instructions ALPINE PDX-V9  
Instructions for use ALPINE PDX-V9  
Instruction manual ALPINE PDX-V9

FOR CAR USE ONLY/POUR APPLICATION AUTOMOBILE/PARA USO EN AUTOMÓVILES



## PDX-V9 4 CHANNEL + MONO POWER AMPLIFIER

- **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.
- **MODE D'EMPLOI**  
Vous lire ce mode d'emploi pour tirer pleinement profit des excellentes performances et fonctions de cet appareil, et conserver-le pour votre référence future.
- **MANUAL DE OPERACION**  
Lea este manual, por favor, para disfrutar al máximo de las excepcionales prestaciones y posibilidades funcionales que ofrece el equipo, luego guárdelo de manual para usarlo como referencia en el futuro.

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**Manual abstract:**

17, Jiushuidong road, Qingdao, China Designed by ALPINE Japan Printed in China (Y\_A4) 68-21057Z20-A M3514478010 ALPINE PDX-V9 68-21057Z20-A (EN/FR/ES) English Français Español Introduction: Please read this OWNER'S MANUAL thoroughly to familiarize yourself with each control and function. We at ALPINE hope that your new PDX-V9 will give you many years of listening enjoyment. In case of problems when installing your PDX-V9, please contact your authorized ALPINE dealer. CAUTION: These controls are for tuning your system. Please consult your authorized Dealer for adjustment. Failure to heed them can result in serious injury or death. This symbol means important instructions. Failure to heed them can result in injury or property damages.

**AVERTISSEMENT ADVERTENCIA ATENCIÓN PRUDENCIA WARNING 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. 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**

**THIS PRODUCT FOR MOBILE 12V APPLICATIONS.**

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. **MAKE THE CORRECT CONNECTIONS.** Failure to make the proper connections may result in fire or product damage. **USE ONLY IN CARS WITH A 12 VOLT NEGATIVE GROUND.**

(Check with your dealer if you are not sure. **Never cut away cable insulation to supply power to other equipment. DO NOT DAMAGE PIPE OR WIRING WHEN DRILLING HOLES.** 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. **KEEP SMALL OBJECTS SUCH AS BATTERIES OUT OF THE REACH OF CHILDREN.** Swallowing them may result in serious injury. 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. 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. **ALPINE PDX-V9 68-21057Z20-A (EN/FR/ES) English Français Español INSTALLATION** Due to the high power output of the PDX-V9, considerable heat is produced when the amplifier is in operation.

For this reason, the amplifier should be mounted in a location which will allow for free circulation of air, such as inside the trunk. For alternate installation locations, please contact your authorized Alpine dealer. 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. **CAUTION** Caution on connection terminals/parts • Keep electrically conductive objects away from the unit's terminals/parts (power terminals, fuses, speaker output terminals, RCA connectors, etc.). Doing so prevents a possible short circuit and damage to the unit. **NOTE:** Stacked installation should always be parallel to the vehicle floor – do not install at an incline, such as leaning against a vertical surface, as this will invalidate your warranty. 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. Position the PDX-V9 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 H). 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 Top Cover by inserting a flat-tipped instrument (such as a panel removal tool or slotted screwdriver) into the 2 notches of the unit (marked A). If removal is still not possible, bend the Top Cover and remove the tabs on both sides. Fasten the unit down with the four self-tapping screws (M4 x 36, included). Attach the Stacking Plates (included with other PDX models) on the first unit with Machine Screws M3 x 7 (included with other PDX models). Stack the second unit on top of the installed unit. 4. Attach the second unit with four Machine Screws M4 x 24 (included with other product). Attach the Top Cover to the second unit.

Firstly, securely install the first two units firmly as described in steps 1 to 4 of B above. 2. Next, install the third unit as described for the second unit in B above. With this, stacked installation of the 3 units is completed. **ALPINE PDX-V9 68-21057Z20-A (EN/FR/ES) English a b c Français d e Español** \* **Be sure to add an in-line fuse with the battery lead as close as possible to the battery's positive (+) terminal.**

**5 CONNECTIONS** Before making connections, be sure to turn the power off to all audio components. Connect the battery lead from the amp directly to the positive (+) terminal of the vehicle's battery with appropriate in-line vehicle's fuse (see Battery Lead section). Do not connect this lead to the vehicle's fuse block. To prevent external noise from entering the audio system. **Locate the unit and route the leads at least 10 cm (3-15/16") 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 or grease if necessary) of the car chassis.** **Do not connect speaker leads together or to chassis ground.**



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@@@ insert Plug to Terminal a. @@@@ Refer to the description below for the proper procedure.  
@@NOTES: • About the power supply wire cables: If the length of the power and ground cables exceed 1m, or if you connect more than one amplifier, a distribution block should be used. See below for wire gauge recommendations for distribution block connection to battery and ground (depends upon wire length necessary): • 2AWG (33mm<sup>2</sup>) or 1/0AWG (53mm<sup>2</sup>) Ensure that you install a correctly-rated in-line fuse on the power cable near the battery positive post. NOTES: • Required Wire Size Battery Lead, Ground Lead: 4AWG/21mm<sup>2</sup> Speaker wire: 8AWG/8mm<sup>2</sup>-16AWG/13mm<sup>2</sup> • If the wire gauge used is unknown, ask your dealer. 2. Remove the insulation from the ends of the wire leads by about 7 – 10mm (9/32” – 3/8”).

(Refer to Fig. 6) NOTES: • If length of the exposed wire is too short, a poor connection may occur causing operation failure or sound interruption. □ On the other hand, if the length is too long, an electrical short-circuit may occur. 3. Tighten the set screw with the hexagon wrench (Large or Small, included) to secure the lead. ) NOTE: Insert the speaker wire observing the +/– indications on the speaker connector. Insert the positive speaker wire into the positive speaker terminal, and the negative speaker wire into the negative speaker terminal. Before making this connection, use insulated shrink tubing to cover any exposed wire extending beyond the terminal. NOTES: • Use only the screws included. □ For safety reasons, connect the battery leads last.

□ To prevent disconnection of the leads or dropping of the unit, do not use the cabling to carry the unit. □ ALPINE PDX-V9 68-21057Z20-A (EN/FR/ES) English Français Español CONNECTION CHECK LIST Please check your head unit for the conditions listed below: (Fig. The head unit does not have a remote turn-on or power antenna lead. b. The head unit's power antenna lead is activated only when the radio is on (turns off in the tape or CD Mode). c. T 1 & 2. Frequencies higher than the specified frequency are attenuated. M Input Channel Selector Switch a) This switch setting is for selecting either 2-channel or 4-channel input mode. When set to “1/2,” signal will be copied from CH-1/2 and sent to CH-3/4, eliminating the need for y-adapters. B) Setting this switch to “3/4” will keep both inputs, CH 1/2 and CH 3/4 independent. N Crossover Frequency Adjustment Switch (Channel 3 & 4: High-Pass or Band-Pass Filter) a) Set to the “OFF” position when the amplifier will be used for driving full range speakers or when using an external electronic crossover. The full frequency bandwidth will be output to the speakers with no high or low frequency attenuation. B) Set to “HP” if the amplifier is used to drive a speaker capable of reproducing lower frequencies such as a midbass or midrange. Frequencies lower than the specified frequency are attenuated at 12 dB/octave. C) Set to “BP” if the amplifier is used to drive a midbass or midrange speaker. Frequencies lower than the specified frequency set by Crossover Frequency Adjustment Knob (o), and higher than the frequency specified set by Crossover Frequency Adjustment Knob (l), are attenuated at 12 dB/octave. NOTE: When using a 3Way (Front 2Way + Subwoofer) System, be sure to set the Crossover Frequency Adjustment Switch (n) to “BP”, the Frequency Multiplication Switch (k) to “x10”, and the Input Channel Selector Switch (m) to “1/2”. for connection examples, refer to page 16. O Crossover Frequency Adjustment Knob (Channel 3 & 4) Use this control to adjust the crossover frequency of channel 3/4 between 30 Hz to 600 Hz.

When you also set Crossover Frequency Adjustment Switch (n) to “BP”, frequencies lower than the specified frequency are attenuated. 11 ALPINE PDX-V9 68-21057Z20-A (EN/FR/ES) p Subsonic Filter The subsonic filter is for cutting ultra low frequencies from the input signal before being amplified. Frequencies lower than the specified frequency are attenuated at 24 dB/octave. This is desirable for several reasons: – To protect speakers too small or not capable of reproducing ultra low frequencies. □ To minimize power wasted from reproducing inaudible sound. □ To protect subwoofers in vented enclosures from over excursion below the tuning frequency. Q Crossover Frequency Adjustment Knob (Low-Pass Filter) Use this control to adjust the crossover frequency between 50 Hz to 600 Hz. Frequencies higher than the specified frequency are attenuated at 24 dB/octave. r Input Channel Selector Switch (SUB W. ) a) When this switch is placed in the “1+2+3+4” position, all the signals are mixed and come out from the SUB W. This setting provides signal to the subwoofer channel when only 4 channel input is available. b) Setting this switch to “SUB W. □ will send the signal at the inputs of SUB W. An electrical short has occurred, or supply current is too high. Solución Turn off the power supply and eliminate the cause. Then turn on the unit and verify that the indicator color has changed to blue. If it remains red, turn off the unit and consult your dealer. @@ temperature to a normal level. The indicator color changes to blue. Power supply voltage Use the correct power supply is too high.

voltage. The indicator color changes to blue. @@@@ 17 ALPINE PDX-V9 68-21057Z20-A (EN/FR/ES) ♦ IMPORTANT NOTICE 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. SERIAL NUMBER: INSTALLATION DATE: INSTALLATION TECHNICIAN: PLACE OF PURCHASE: ♦ IMPORTANT Please record the serial number of your unit in the space provided here and keep it as a permanent record. The serial number plate is located on the rear of the unit. □ For European Customers Should you have any questions about warranty, please consult your store of purchase. □ For Customers in other Countries IMPORTANT NOTICE Customers who purchase the product with which this notice is packaged, and who make this purchase in countries other than the United States of America and Canada, please contact your dealer for information regarding warranty coverage. .



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