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You can read the recommendations in the user guide, the technical guide or the installation guide for ALPINE CDA-7990R. You'll find the answers to all your questions on the ALPINE CDA-7990R in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

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CDA-7990R

FM/MW/LW/RDS CD Player

Guide for Installation and Connections	English
Hinweise über die Installation und Anschlüsse	Deutsch
Guide d'installation et de connexions	Français
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Vägledning för montering och anslutningar	Svenska



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Manual abstract:

In case of problems when installing your unit, please contact your authorized ALPINE dealer. Points to Observe for Safe Usage • Read this manual carefully before starting operation and use this system safely. We cannot be responsible for problems resulting from failure to observe the instructions in this manual. □ This manual uses various pictorial displays to show how to use this product safely and to avoid harm to yourself and others and damage to your property. Here is what these pictorial displays mean. Understanding them is important for reading this manual. • Meaning of displays Warning Caution Warning This symbol means important instructions. 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 damage.

DO NOT DISASSEMBLE OR ALTER. Doing so may result in an accident, fire or electric shock. 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.

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. 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. 2-EN DO NOT DAMAGE PIPE OR WIRING WHEN DRILLING HOLES.

@@ Failure to take such precautions may result in fire. @@@@ dO NOT BLOCK VENTS OR RADIATOR PANELS. Doing so may cause heat to build up inside and may result in fire. kEEP SMALL OBJECTS SUCH AS BATTERIES OUT OF THE REACH OF CHILDREN. Swallowing them may result in serious injury. Doing so may obstruct forward vision or hamper movement etc. 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 • Be sure to disconnect the cable from the (-) battery post before installing your CDA-7990R.

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. Do not tap into these leads to provide power for this unit.

When connecting the CDA-7990R to the fuse box, make sure the fuse for the intended circuit of the CDA-7990R 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 CDA-7990R uses female RCA-type jacks for connection to other units (e. You may need an adaptor to connect other units.

If so, please contact your authorized ALPINE dealer for assistance. 3-EN Contents PRECAUTIONS Accessories Installation Connections Connections with other equipments 2 5 5 7 8 IMPORTANT Please record the serial number of your unit in the space provided below and keep it as a permanent record. The serial number plate is located on the bottom of the unit. @@@@ Your Alpine dealer carries various noise suppressors. contact them for further information. @@@@ Slide the mounting sleeve into the dashboard. @@@@ 5-EN 3 Lock pin Slide the CDA-7990R into the dashboard. @@@@ install the Detachable Front Panel. Removal 1 Remove the detachable front panel. @@@@ 3 Pull the unit out, keeping it unlocked as you do so.

@@ The digital signal will be output when the CD mode is on. @@ When the subwoofer is connected, set the SUB-W to "ON". @@@@ □ Illumination Lead 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 CDA-7990R. □ Ground Lead 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. □ Switched Power Lead (Ignition) 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. □ Battery Lead Connect this lead to the positive (+) post of the vehicle's battery. □ Ground Lead 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.

□ Battery Lead Connect this lead to the positive (+) post of the vehicle's battery. < DC-DC Converter > Orange Black Red Fuse Yellow Choke Coil (5A) Black Fuse Yellow (5A) NOTES • Do not install the DC-DC converter where it will be exposed to moisture such as under the floor mat or near the air conditioner. this may cause a malfunction. □ Do not bundle the DC-DC converter cable with the audio cables. Noise may be induced into your system. □ Keep the DC-DC converter away from the Antenna cables and the rear side of the unit, otherwise noise may be generated when receiving radio broadcast. • The DC-DC converter temperature can become hot. This is not a malfunction. Caution on handling the battery fuse section Be careful not to apply excessive force. Doing so may cause the screw connecting the 5A battery cord and fuse section to loosen and the battery cord to come detached.

Screws 7-EN Connections with other equipments Understanding the switch. When upgrading the system, you may need to change the switch. @@ When no device is connected, leave the switch in the NORM position. @@ To change the switch, follow the procedure below. @@@@ BATTERY Yellow Fuse (5A) Ai-NET Cable (Included with CD Changer) Ai-NET CD Changer (Sold Separately) Battery NOTES • Do not install the DC-DC converter where it will be exposed to moisture such as under the floor mat or near the air conditioner. this may cause a malfunction.



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□ Do not bundle the DC-DC converter cable with the audio cables. Noise may be induced into your system. □ Keep the DC-DC converter away from the Antenna cables and the rear side of the unit, otherwise noise may be generated when receiving radio broadcast. • The DC-DC converter temperature can become hot.

This is not a malfunction. □ For details on turning the Subwoofer ON or OFF, see "Subwoofer On and Off" (Page 17) of the Owner's Manual. 8-EN • Multimedia Manager (PXA-H900) and External Amplifier and Changer Connection System Switch EQ/DIV ISO Antenna Converter Plug Antenna ISO Antenna Plug Antenna Receptacle Remote Control Interface Connector Front Output RCA Connectors Rear Output RCA Connectors Subwoofer RCA Connectors (L) (R) (L) To remote control interface box NOTES 5 When connecting a Optical Digital CD Changer 55 When connecting a Optical Digital CD Changer, change the Digital/Analog switch of the CD Changer to "2" (Digital Output) 1 Not used in this system 2 (R) (L) (R) Pink/Black AUDIO INTERRUPT IN To vehicle phone REMOTE TURN-ON Blue/White To amplifier or equalizer To power ml;r avsedda för denna apparat kan leda till att apparaten skadas invändigt eller till ostadig montering på grund av lossnande delar. □ Anslutningar av en yttre förstärkare och växlare Systemomkopplare NORM Konverteringsplugg för ISO-antenn Antenn ISO-antennkontakt Antennintag Gränssnittskonkakt för fjärrstyrning RCA-utgångar för främre kanaler (V) (H) Utgång för bakre kanaler (V) RCA-kontakter (H) Till gränssnittslådan för fjärrstyrning Förlängningskabel med RCA-kontakter (Säljs separat) Förstärkare för främre kanaler (Säljs separat) Ingång (V) Främre högtalare (H) Kabel för fjärrstyrt strömpåslag Förlängningskabel med RCA-kontakter (Säljs separat) Förstärkare för bakre högtalare (Säljs separat) Ingång (V) Högtalare bak (H) Blå/ Vit Kabel för fjärrstyrt strömpåslag Subwoofer RCA-kontakter (V) (H) Förlängningskabel med RCA-kontakter (Säljs separat) Subwooferförstärkare (Säljs separat) Ingång (V) Subwoofer (H) Blå/ Vit Kabel för fjärrstyrt strömpåslag Blå/ Vit Rosa/Svart INGÅENDE LJUDAVBROTTSKABEL Till biltelefon FJÄRRSTYRT STRÖMPÅSLAG Blå/Vit Blå MOTORANTENN Till el-antenn Till belysningskabeln i instrumentbelysningens kabelhåva Anslut med en skruv till en metallpunkt på bilens chassi Orange BELYSNING Svart JORDKABEL Röd TÄNDNING Tändnyckel < Konverteraren DC-DC > BATTERI Gul Dossel Säkring (5A) JORDKABEL Svart Anslut med en skruv till en metallpunkt på bilens chassi BATTERI Gul Säkring (5A) Ai-NET-kabel (Medföljer CD-växlare) Ai-NET CD-skivväxlare (Säljs separat) Batteri ANMÄRKNINGAR • Installera inte konverteraren DC-DC på en plats där den utsätts för väta, t. Systemomkopplare NORM Antennintag Konverteringsplugg för ISO-antenn Antenn ISO-antennkontakt Gränssnittskonkakt för fjärrstyrning Till gränssnittslådan för fjärrstyrning Förlängningskabel med RCA-kontakter (Säljs separat) Förstärkare för främre kanaler (Säljs separat) (V) Ingång (V) RCA-utgångar för främre kanaler (H) (H) Främre högtalare Kabel för fjärrstyrt strömpåslag Förlängningskabel med RCA-kontakter (Säljs separat) Förstärkare för bakre högtalare (Säljs separat) Utgång för bakre kanaler RCA-kontakter (V) (V) Ingång (H) Högtalare bak (H) Blå/ Vit Kabel för fjärrstyrt strömpåslag Subwoofer RCA-kontakter (V) Förlängningskabel med RCA-kontakter (Säljs separat) Subwooferförstärkare (Säljs separat) (V) Ingång (H) Subwoofer Blå/ Vit (H) Kabel för fjärrstyrt strömpåslag Blå/Vit INGÅENDE Rosa/ LJUDAVBROTTSKABEL Svart Till biltelefon Blå/Vit FJÄRRSTYRT STRÖMPÅSLAG Blå MOTORANTENN Till el-antenn BELYSNING Orange Till belysningskabeln i instrumentbelysningens kabelhåva Anslut med en skruv till en metallpunkt på bilens chassi Svart JORDKABEL Röd Gul TÄNDNING Tändnyckel BATTERI Dossel Svart Säkring (5A) JORDKABEL Anslut med en skruv till en metallpunkt på bilens chassi BATTERI Gul < Konverteraren DC-DC > Säkring (5A) Batteri Gränssnittskabel KCA-121B Ai-NET/RCA (Säljs separat) Förlängningskabel med RCA-kontakter (Säljs separat) TV-mottagare, videodäck e. .



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