

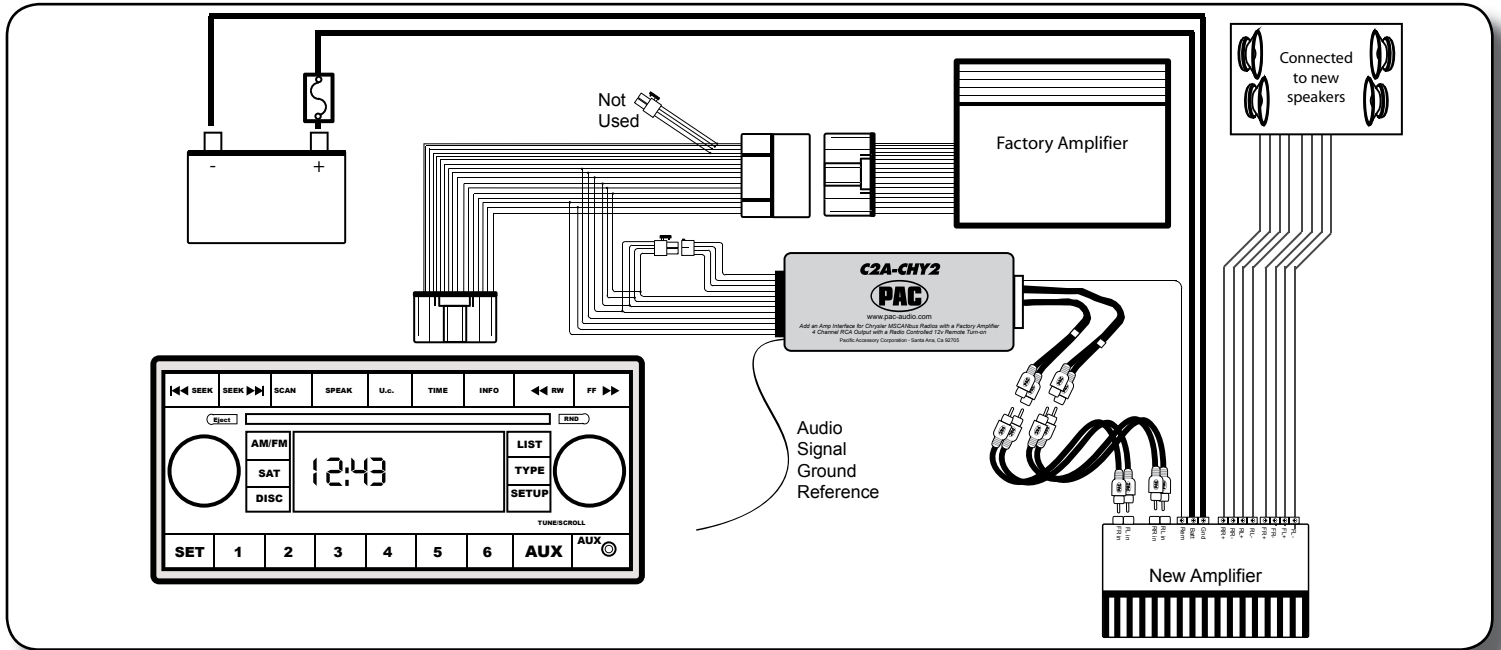


# C2A-CHY2

Add-an-Amp Interface  
for Chrysler Dodge and Jeep MSCAN  
radios with a Factory Installed Amplifier



The C2A-CHY2 provides a 4-channel pre-amp output signal for use with aftermarket amplifiers. This interface uses the full range fixed level headunit output in conjunction with MSCAN messages to deliver a 5v RMS (max) pre-amp output with fading and balance capabilities. A radio controlled remote turn on wire is also provided by the C2A-CHY2.



## Installation:

This interface is for use in a Chrysler / Dodge / Jeep vehicle with MSCAN radios and a factory installed amplifier. In order for the C2A-CHY2 to function correctly, the factory audio system MUST have with an OEM (typically branded Infinity or Kicker) external power amplifier for the original speakers. If the factory amplifier has been removed from the vehicle the C2A-CHY2 can still be used. This interface will connect behind the OEM radio. If the vehicle does NOT have an OEM power amplifier for the speakers, use the AOEM-CHR3 interface instead.

1. Remove the factory radio and connect the c2a-mschy harness between the original radio connector and the radio. If more than one "T-harness" is installed make sure the c2a-mschy is connected to the radio and other "T-harnesses" are connected after the c2a-mschy.
2. The 18-pin black Molex attached to the c2a-mschy has 2 four (4) pin connectors attached to it. These must plug into each other. These connectors only fit in one way and when connected correctly you will have the following wire color combinations: Wht/Blk → Grn/Blk, Gry/Blk → Pur/Blk, White → Green, Grey → Purple
3. The 11-pin white output cable has the RCA connections and remote turn on wire. The remote turn wire is powered only when the radio is on. This is **not** a R.A.P (Retained Accessory Power) wire. Connect the amplifiers RCA cables to the appropriate output (front - rear). Both front and rear outputs do not need to be used in case of a 2 channel amplifier installation.
4. Connect the 18-pin Molex and 11-pin output connector to the C2A-CHY2 interface. The Black wire coming out of the 18-pin connector will not be used in all installations. Test your amplifier for continuity from the RCA shield to the amplifier ground connection terminal. If continuity exists, do not connect this black wire, isolate and do not use. If there is no continuity or if there is high resistance between these two points, connect the black wire to the radio's ground wire.
5. There are no adjustments on this interface, the radio's fader and balance will control the C2A-CHY2. Re-install the OEM radio.
6. Each amplifier, depending on power output and input sensitivity, will need to be adjusted differently. The gain of the new amplifier will need to be adjusted to blend in with the existing speakers or set to a desired level.

**DISCLAIMER:** Under no circumstances shall the manufacturer or the distributors of the C2A-CHY2 be held liable for consequential damages sustained in connection with the C2A-CHY2. The manufacture and it's distributors will not, nor will they authorize any representative or any other individual to assume obligation or liability in relation to the C2A-CHY2 other than its replacement.