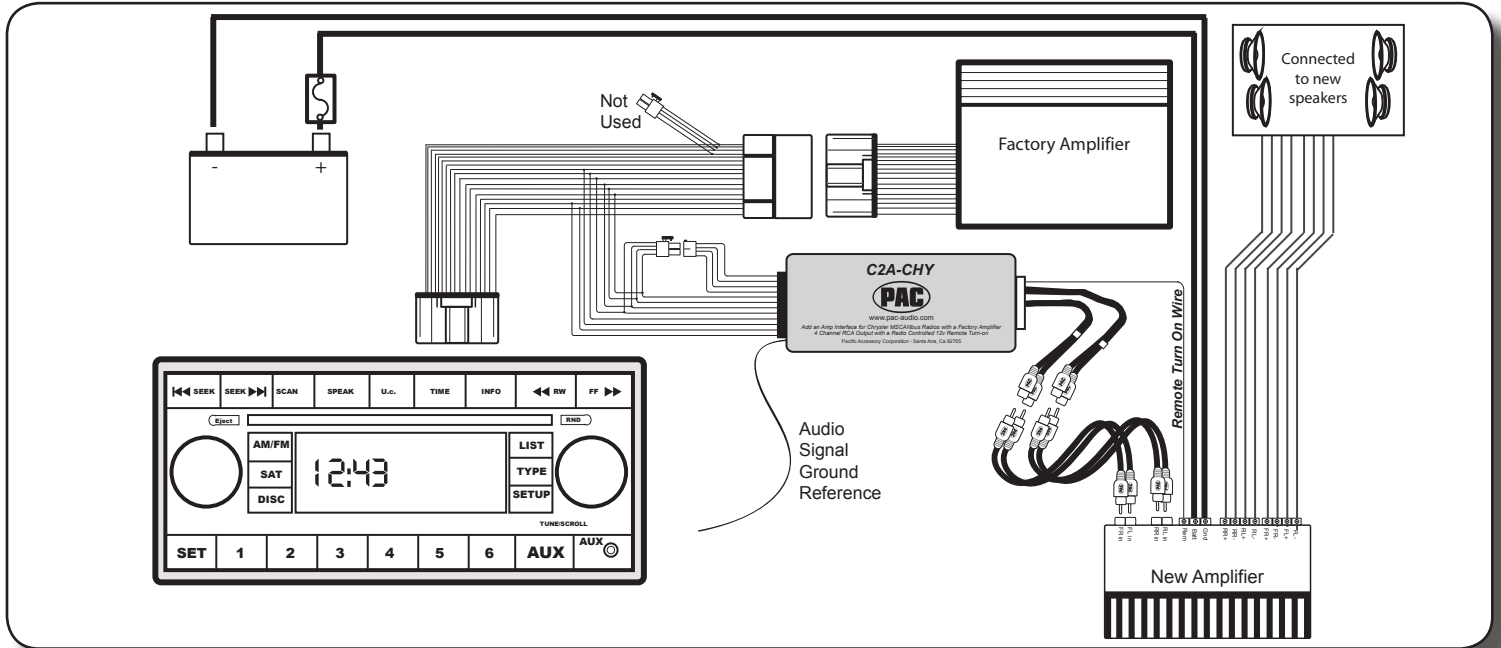




# C2A-CHY/ C2A-CHY23

**Add-an-Amp Interface  
for Chrysler Dodge and Jeep Radios  
With a Factory Installed Amplifier**

The C2A-CHY 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 CAN 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-CHY.



## Installation:

This interface is for use in Chrysler / Dodge / Jeep vehicles with a factory installed amplifier. In order for the C2A-CHY to function correctly, the factory audio system **MUST** be equipped with an OEM (typically branded Infinity, Boston Acoustics, Alpine or Kicker) external power amplifier for the original speakers. 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 harness between the original radio connector and the radio. If more than one "T-harness" is installed make sure the c2a is connected to the radio and other "T-harnesses" are connected after the c2a.
2. The 18-pin black Molex attached to the c2a 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. **YOU MUST USE THIS REMOTE TURN ON OUTPUT WITH THE NEW AMPLIFIER. FAILURE TO DO SO MAY RESULT IN VERY HIGH VOLUME SPIKES WHEN THE RADIO IS FIRST TURNED 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-CHY23 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-CHY. Re-install the OEM radio. If noise is present after installation it is recommended to use an SNI-1 noise filter.

**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-CHY23. 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-CHY23 other than its replacement.

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