Chrysler SWC (Steering Wheel Control) and Data Interface 2013-up

**INTERFACE FEATURES**

- Provides accessory power (10-amp)
- Provides wires for multimedia radios (park brake, reverse, speed sense)
- Retains audio controls on the steering wheel
- Designed to be compatible with all major radio brands
- Auto detects vehicle type, radio connection, and preset controls
- Ability to dual assign steering wheel control buttons
- Retains memory settings even after battery disconnection or interface removal (non volatile memory)
- Provides illumination output
- Retains the factory backup camera
- Retains the 3.5mm AUX-IN jack
- Micro-B USB updatable

**APPLICATIONS**

<table>
<thead>
<tr>
<th>Chrysler</th>
<th>200 LX</th>
<th>2015-2016</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dodge</td>
<td>Dart*</td>
<td>2013-2016</td>
</tr>
<tr>
<td>Jeep</td>
<td>Cherokee Sport</td>
<td>2014-2016</td>
</tr>
<tr>
<td></td>
<td>Compass Sport</td>
<td>2017.5-2018</td>
</tr>
<tr>
<td>Ram</td>
<td>1500 Classic* **</td>
<td>2019</td>
</tr>
<tr>
<td></td>
<td>1500/2500/3500* **</td>
<td>2013-2017</td>
</tr>
<tr>
<td></td>
<td>Chassis Cab 3500/4500/5500* **</td>
<td>2013-2017</td>
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</tbody>
</table>

* Small screen, Base radio
** Will not retain safety chimes

**TABLE OF CONTENTS**

- Connections ............................................................2
- Programming ............................................................3
- Troubleshooting ........................................................4

**INTERFACE COMPONENTS**

- AXTC-CH5 interface
- AXTC-CH5 harness
- 3.5mm adapter

**TOOLS & INSTALLATION ACCESSORIES REQUIRED**

- Crimping tool and connectors, or solder gun, solder, and heat shrink
- Tape
- Wire cutter
- Zip ties

**Product Info**
CONNECTIONS

3.5mm Adapter (for radios with a wire for SWC)
- Boss (with SWC wire): Key 1 (Gray) - Brown
- Kenwood / JVC (with SWC wire): Blue/Yellow - Brown
- XITE: SWC-2 - Brown
- Universal Radio*: Key-A or SWC-1 - Brown
  Key-B or SWC-2 - Brown/White
  * After programming, assign SWC buttons within radio menu

Aftermarket Radio (radio’s features may vary)

- Red - AUX-IN Right
- White - AUX-IN Left
- Yellow - Rear View
- SWC

Radio Connections
- Black - Ground
- Yellow - Battery power
- Red - Accessory power
- Orange - Illumination
- Blue/White - Amp turn-on
- Blue/Pink - VSS/Speed-Sense
- Green/Purple - Reverse signal
- Light Green - Parking brake
- Gray - Front right speaker +
- Gray/Black - Front right speaker -
- White - Front left speaker +
- White/Black - Front left speaker -
- Green - Rear left speaker +
- Green/Black - Rear left speaker -
- Purple - Rear right speaker +
- Purple/Black - Rear right speaker -
PROGRAMMING

1. Open the driver’s door, and keep open during the programming process.

2. Cycle the ignition on.

3. Connect the AXTC-CH5 harness to the AXTC-CH5 interface, and then to the wiring harness in the vehicle.

4. Locate the Volume Up button behind the steering wheel on the right hand side. Program the interface by tapping the Volume Up button at a heartbeat pace until the LED light stops flashing. For models with just Bluetooth buttons on the steering wheel, use the PTT button instead.

5. The LED light will flash Green & Red while the interface programs the radio to the steering wheel controls. Once programmed, the LED light will go out, then produce a pattern which will identify the radio type installed. Refer to the Radio LED Feedback section under Troubleshooting for radio types.

6. The LED light will go out, then once again quickly flash Green & Red while the interface programs itself to the vehicle. Once programmed, the LED light will go out again, then turn solid Green.

7. Cycle the ignition off, then back on.

8. Test all functions of the installation for proper operation.
TROUBLESHOOTING

1. If the interface fails to function, press and release the reset button, then repeat the programming process from step 4 to try again.

2. Final LED Feedback

At the end of programming the LED light will turn Solid Green which indicates programming was successful. If the LED light didn’t turn Solid Green, reference the list below to understand which programming section the problem may stem from.

<table>
<thead>
<tr>
<th>LED Light</th>
<th>Radio Programming Section</th>
<th>Vehicle Programming Section</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solid Green</td>
<td>Pass</td>
<td>Pass</td>
</tr>
<tr>
<td>Slow Red Flash</td>
<td>Fail</td>
<td>Pass</td>
</tr>
<tr>
<td>Slow Green Flash</td>
<td>Pass</td>
<td>Fail</td>
</tr>
<tr>
<td>Solid Red</td>
<td>Fail</td>
<td>Fail</td>
</tr>
</tbody>
</table>

Note: If the LED light shows Solid Green for Pass (indicating everything programmed correctly), yet the steering wheel controls don’t work, check to ensure that the 3.5mm jack is plugged in, and also plugged into the correct jack on the radio. Once corrected, press the reset button, then program again.

Further troubleshooting steps and information can be located at: axxessinterfaces.com/product/AXTC-CH5

Having difficulties? We’re here to help.

Contact our Tech Support line at:
386-257-1187

Or via email at:
techsupport@metra-autosound.com

Tech Support Hours (Eastern Standard Time)
Monday - Friday: 9:00 AM - 7:00 PM
Saturday: 10:00 AM - 7:00 PM
Sunday: 10:00 AM - 4:00 PM

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