

## Chrysler/Dodge amplified data interface 2002-2008

### INTERFACE FEATURES

- Provides accessory (12-volt 10-amp)
- Retains R.A.P. (retained accessory power)
- Used in amplified systems
- Provides NAV outputs (parking brake, reverse, mute & vehicle speed sense.)
- Includes prewired ASWC-1 harness (ASWC-1 sold separately)
- High level speaker input
- USB updatable
- Retains balance and fade

### INTERFACE COMPONENTS

- CHTO-02 interface
- 16-pin harness with stripped leads
- 14-pin harness to 22-pin Chrysler harness with stripped leads

### APPLICATIONS

| CHRYSLER |           | DODGE         |           |
|----------|-----------|---------------|-----------|
| Pacifica | 2004-2008 | Ram 1500      | 2002-2004 |
|          |           | Ram 2500/3500 | 2003-2004 |

### TABLE OF CONTENTS

|                              |   |
|------------------------------|---|
| Connections to be made ..... | 2 |
| Installing the CHTO-02.....  | 3 |
| Testing the CHTO-02 .....    | 3 |

### TOOLS REQUIRED

- Cutting tool • Crimping tool • Tape
- Connectors (example: butt-connectors, bell caps, etc.)

**CAUTION!** All accessories, switches, climate controls panels, and especially air bag indicator lights must be connected before cycling the ignition. Also, do not remove the factory radio with the key in the on position, or while the vehicle is running.

## CONNECTIONS TO BE MADE

### From the 16-pin harness to the aftermarket radio:

- Connect the **Red** wire to the ignition wire.
- Disregard the **Orange/White** wire, it will not be used in this application.
- Connect the **White** wire to the left front positive speaker output.
- Connect the **White/Black** wire to the left front negative speaker output.
- Connect the **Gray** wire to the right front positive speaker output.
- Connect the **Gray/Black** wire to the right front negative speaker output.
- Connect the **Green** wire to the left rear positive speaker output.
- Connect the **Green/Black** wire to the left rear negative speaker output.
- Connect the **Purple** wire to the right rear positive speaker output.
- Connect the **Purple/Black** wire to the right rear negative speaker output.
- Connect the **Blue/White** wire to the amp turn on wire.
- Connect the **Brown** wire to the mute wire. If the aftermarket radio does not have a “mute” wire, tape off the **Brown** wire.

The following (3) wires are for aftermarket multimedia/navigation radios that provide these wires (if not required, tape them off and disregard them):

- Connect the **Light Green** wire to the parking brake wire (if applicable).
- Connect the **Blue/Pink** wire to the speed sense wire (if applicable).
- Connect the **Green/Purple** wire to the reverse wire (if applicable).
- Plug the 16-pin harness into the CHT0-02.

### From the 22-pin Chrysler harness to the aftermarket radio:

- Connect the **Yellow** wire to the 12-volt battery or memory wire.
- Connect the **Black** wire to the ground wire.
- Connect the **Orange** wire to the illumination wire. If the aftermarket radio has no illumination wire tape off the **Orange** wire.
- Plug the 14-pin harness into the CHT0-02.

### 12-pin pre-wired ASWC-1 harness:

- This harness is to be used in along with the optional ASWC-1 (sold separately) to retain steering wheel audio controls. If the ASWC-1 is not being used, disregard this harness. If it will be used, please refer to the ASWC-1 instructions for radio connections and programming.

**Note:** *Disregard the harness that comes with the ASWC-1.*

## INSTALLING THE CHTO-02

- With all connections completed to the aftermarket radio, plug the 22-pin harness into the vehicles wiring harness.
- Reconnect the negative battery terminal.
- Cycle the key, by turning the ignition on for 30 seconds. Then “off” and “on” again to test the radio.

## TESTING THE CHTO-02

- Turn the ignition on if not already, and then turn the radio “on” to verify that the radio works. Check balance and fader controls for proper operation.
- To adjust the overall volume of your audio system, rotate the potentiometer which is located on the 16-pin side of the interface clockwise.