Porsche Cayenne (9PA) (with M.O.S.T. 25 amplifier) Data Interface with SWC 2002–2007*

* PCM 2.1 non-touchscreen NAV

INTERFACE FEATURES

• Provides accessory power
• Retains R.A.P. (retained accessory power)
• Designed for amplified models
• Provides NAV outputs (parking brake, reverse, speed sense)
• Retains audio controls on the steering wheel
• Retains balance
• Micro “B” USB updatable

INTERFACE COMPONENTS

• AX-P090032 interface
• AX-P090032 amplifier interface
• ASWC-1 interface
• AX-P090032 harness
• ASWC-1 harness
• Female 3.5mm connector with stripped leads

TABLE OF CONTENTS

Connections to be made .......................................2
Installing the AX-P090032 interface .......................3
Programming the ASWC-1 interface .......................3

TOOLS REQUIRED

• Wire cutter • Crimp tool • Solder gun • 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 aftermarket radio to the AX-P090032 harness:

- Connect the Black wire to the ground wire.
- Connect the Yellow wire to the battery wire.
- Connect the Red wire to the accessory wire.
- If the aftermarket radio has an illumination wire, connect the Orange wire to it.
- Connect the Blue wire to the power antenna turn-on wire.
- Connect the Brown wire to the mute wire.

The following (3) wires are only for multimedia/navigation radios that require these wires.

- Connect the Blue/Pink wire to the VSS/speed sense wire.
- Connect the Green/Purple wire to the reverse wire.
- Connect the Light Green wire to the parking brake wire.
- Tape off and disregard the following (8) wires, they will not be used in this application: Gray, Gray/Black, Green, Green/Black, Purple, Purple/Black, White, White/Black
- Connect the Red and White RCA jacks to the full range amplifier output jacks of the aftermarket radio.

From the aftermarket radio to the ASWC-1 harness:

This harness is only to be used if the vehicle is equipped with steering wheel controls.

- Connect the Red wire to the accessory wire.

For the radios listed below, connect the female 3.5mm connector with stripped leads, to the male 3.5mm SWC jack from the ASWC-1 harness. Any remaining wires tape off and disregard:

- **Eclipse**: Connect the steering wheel control wire, normally Brown, to the Brown/White wire of the connector. Then connect the remaining steering wheel control wire, normally Brown/White, to the Brown wire of the connector.
- **Metra OE**: Connect the steering wheel control Key 1 wire (Gray) to the Brown wire.
- **Kenwood or select JVC with a steering wheel control wire**: Connect the Blue/Yellow wire to the Brown wire.
- **XITE**: Connect the steering wheel control SWC-2 wire from the radio to the Brown wire.
- **Parrot Asteroid Smart or Tablet**: Connect the 3.5mm jack into the AX-SWC-PARROT (sold separately), and then connect the 4-pin connector from the AX-SWC-PARROT into the radio.

  **Note**: The radio must be updated to rev. 2.1.4 or higher software.

- **Universal “2 or 3 wire” radio**: Connect the steering wheel control wire, referred to as Key-A or SWC-1, to the Brown wire of the connector. Then connect the remaining steering wheel control wire, referred to as Key-B or SWC-2, to the Brown/White wire of the connector. If the radio comes with a third wire for ground, disregard this wire.

  **Note**: After the interface has been programmed to the vehicle, refer to the manual provided with the radio for assigning the SWC buttons. Contact the radio manufacturer for more information.

- **For all other radios**: Connect the 3.5mm jack from the ASWC-1 harness, into the jack on the aftermarket radio designated for an external steering wheel control interface. Please refer to the aftermarket radios manual if in doubt as to where the 3.5mm jack goes to.
**INSTALLING THE AX-PO90032 INTERFACE**

With the key in the off position:
- Connect the AX-PO90032 harness to the AX-PO90032 interface.
- Connect the AX-PO90032 harness to the AX-PO90032 amplifier interface.
- Remove the dust cover from fiber optic port in the AX-PO90032 amplifier interface.
- Connect the factory fiber optic cable into the AX-PO90032 amplifier interface.
- Connect the AX-PO90032 harness to the wiring harness in the vehicle.
- Connect the ASWC-1 harness to the ASWC-1 interface, and then to the AX-PO90032 interface.

**PROGRAMMING THE ASWC-1 INTERFACE**

**PROGRAMMING THE ASWC-1 INTERFACE (CONT.)**

**L.E.D. feedback**

The (18) Red L.E.D. flashes represent what brand radio the ASWC-1 believes it is connected to. Each flash represents a different radio manufacturer. For example, if you are installing a JVC radio, the ASWC-1 will flash (5) times. Following is a legend that dictates which manufacturer corresponds to which flash.

**L.E.D. feedback legend**

<table>
<thead>
<tr>
<th>Flash Count</th>
<th>Radio Manufacturer</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 flash</td>
<td>Eclipse (Type 1)</td>
</tr>
<tr>
<td>2 flashes</td>
<td>Kenwood</td>
</tr>
<tr>
<td>3 flashes</td>
<td>Clarion (Type 1)</td>
</tr>
<tr>
<td>4 flashes</td>
<td>Sony / Dual</td>
</tr>
<tr>
<td>5 flashes</td>
<td>JVC</td>
</tr>
<tr>
<td>6 flashes</td>
<td>Pioneer / Jensen</td>
</tr>
<tr>
<td>7 flashes</td>
<td>Alpine *</td>
</tr>
<tr>
<td>8 flashes</td>
<td>Visteon</td>
</tr>
<tr>
<td>9 flashes</td>
<td>Valor</td>
</tr>
<tr>
<td>10 flashes</td>
<td>Clarion (Type 2)</td>
</tr>
<tr>
<td>11 flashes</td>
<td>Metra OE</td>
</tr>
<tr>
<td>12 flashes</td>
<td>Eclipse (Type 2)</td>
</tr>
<tr>
<td>13 flashes</td>
<td>LG</td>
</tr>
<tr>
<td>14 flashes</td>
<td>Parrot **</td>
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<tr>
<td>15 flashes</td>
<td>XITE</td>
</tr>
<tr>
<td>16 flashes</td>
<td>Philips</td>
</tr>
<tr>
<td>17 flashes</td>
<td>TBD</td>
</tr>
<tr>
<td>18 flashes</td>
<td>JBL</td>
</tr>
</tbody>
</table>

* **Note:** If the ASWC-1 flashes Red (7) times, and you do not have an Alpine radio connected to it, that means the ASWC-1 does not detect a radio connected it. Verify that the 3.5mm jack is connected to the correct steering wheel jack/wire in the radio.

**Note:** Part number AX-SWC-PARROT is required (sold separately). Also, the Parrot radio must be updated to rev. 2.1.4 or higher through www.parrot.com.

† **Note:** If you have a Clarion radio and the steering wheel controls do not work, change the radio type to the other Clarion radio type; same for Eclipse. The following section explains how to do this.

‡ **Note:** If you have a Kenwood radio and the L.E.D. feedback comes back as showing as a JVC radio, change the radio type to a Kenwood. The following section explains how to do this.
IMPORTANT

If you are having difficulties with the installation of this product, please call our Tech Support line at 1-800-253-TECH. Before doing so, look over the instructions a second time, and make sure the installation was performed exactly as the instructions are stated. Please have the vehicle apart and ready to perform troubleshooting steps before calling.

Knowledge is Power
Enhance your installation and fabrication skills by enrolling in the most recognized and respected mobile electronics school in our industry. Log onto www.installerinstitute.com or call 800-354-6782 for more information and take steps toward a better tomorrow.

Metra recommends MECP certified technicians