Porsche (with M.O.S.T. 25 amplifier)

Data Interface with SWC 2004–2009

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

TOOLS REQUIRED
• Wire cutter • Crimp tool and connectors (example: butt-connectors, bell caps, etc.)
or
• Solder gun, solder, heat shrink
• Tape
• Zip ties

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APPLICATIONS

Porsche

INTERFACE COMPONENTS
• AXDIS-PO52 interface
• AXDIS-PO52 harness
• AXDIS-PO52 amplifier interface
• AXSWC interface
• AXSWC harness
• Female 3.5mm connector with stripped leads

ATTENTION: With the key out of the ignition, disconnect the negative battery terminal before installing this product. Ensure that all installation connections are secure before cycling the ignition to test this product.
NOTE: Refer to the instructions included with the aftermarket radio.

Product Info
From the AXDIS-PO52 harness to the aftermarket radio, connect as indicated:

- **Black** wire to the ground wire.
- **Yellow** wire to the battery wire.
- **Red** wire to the accessory wire.
- **Orange** wire to the illumination wire (if applicable).
- **Blue** and the **Blue/White** wires to the amp turn-on wire.
- **Blue/White** wire with a bullet connector to the amp turn-on wire, if a wire is populated on the factory side.

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

- **Blue/Pink** wire to the VSS/speed sense wire.
- **Green/Purple** wire to the reverse wire.
- **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**

From the AXSWC Harness to the aftermarket radio:

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

- Connect the **Red** wire to the accessory wire.

Loose **Black/Red** wire:

1. Locate pin cavity 1 on the factory harness. If a wire is populated in the harness, push the **Black/Red** wire in the pin cavity and connect this wire to the amp turn-on wire from the aftermarket radio. (Figure A)

3.5mm Jack – Steering Wheel Control retention:

The 3.5mm jack is to be used to retain audio controls on the steering wheel control.

For the radios listed below: Connect the female **3.5mm connector** with stripped leads to the male 3.5mm SWC jack from the AXSWC harness. Tape off and disregard remaining wires.

- **Eclipse**: Connect the SWC wire, **Brown** to the **Brown/White** wire of the connector. Then connect the remaining SWC wire, **Brown/White** to the **Brown** wire of the connector.
- **Metra OE**: Connect the SWC (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.
  
  **Note**: If the Kenwood radio auto detects as a JVC, manually set the radio type to Kenwood. See the instructions under changing radio type.
- **XITE**: Connect SWC (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 SWC wire, (Key-A or SWC-1) to the **Brown** wire of the connector. Then connect the remaining SWC wire, (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.
Installing the AXDIS-PO52 interface

With the key in the off position:
• Replace the factory circuit board with the AXDIS-PO52 interface and snap it in the factory housing.
• Connect the AXDIS-PO52 harness to the AXDIS-PO52 interface.
• Connect the AXDIS-PO52 harness to the AXDIS-PO52 amplifier interface.
• Replace the SWC circuit board with the AXSWC interface and snap it in the factory housing.
• Connect the AXSWC harness to the AXSWC interface.
• Connect the AXSWC harness to the AXDIS-PO52 interface.
• Connect the AXDIS-PO52 harness to the wiring harness in the vehicle.

Installing the Fiber Optic Cable:

Removal of the original fiber optic connection is required to adapt to the Media Oriented System Transport (MOST) interface.
• Seat the AXDIS-PO52 amplifier interface in the black connector housing provided with this kit and snap the housing in place. (Figure A)
• From the original Fiber Optic Connector: Using a pick tool, carefully pull this tab towards the outside edge for the connector housing. Gently remove the gray fiber optic insert from the connector. (Figure B)
• From the MOST Interface: Push the tab toward the gray dust cover and, using a needle nose plier, remove the gray dust cover. Replace the gray connector with the factory fiber optic cables into the MOST interface’s black connector housing. (Figure C)
Programming the AXSWC interface

1. Open the driver’s door and keep open throughout the programming process.
2. Press and hold the Volume Up button on the steering wheel.
3. Turn the ignition on. The L.E.D. in the AXSWC interface will start flashing rapidly, as the AXSWC interface searches for the auto manufacturer.
4. After a few seconds the L.E.D. should stop flashing rapidly, then go out for approximately (2) seconds.
5. After that (2) seconds there will be a series of (7) Green flashes, some short, and some long. The long flashes represent the wires that are connected from the vehicle to the AXSWC interface. The 3rd, 4th, 5th, and 6th flashes should be longer.
6. The L.E.D. will pause for another (2) seconds, then begin flashing Red (up to 18 times) as the AXSWC interface locates the aftermarket radio installed. Refer to the L.E.D Feedback Legend for the number of times the light should flash for the radio installed.
7. This is the end of the auto detection stage. If the AXSWC interface detected the vehicle and radio successfully, the L.E.D. will light solid Red. If not, refer to the troubleshooting documents available at axxessinterfaces.com.
8. Release the Volume Up button. Test all functions of the installation for proper operation before reassembling the dash. Refer to the Steering Wheel Control documents available at axxessinterfaces.com for customizing the buttons, if so desired.

L.E.D. Feedback

The (18) Red L.E.D. flashes represent a different radio manufacturer the AXSWC interface detects. For example, if you are installing a JVC radio, the AXSWC interface will flash Red (5) times, then stop. Following is the L.E.D Feedback Legend, which indicates the flash count of the radio manufacturer.

L.E.D. Feedback Legend

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

Keynotes
* If the AXSWC interface flashes Red (7) times, and an Alpine radio is not installed, that means there is an open connection not accounted for. Verify that the 3.5mm jack is connected to the correct steering wheel jack/wire in the radio.
** The AX-SWC-PARROT is required (sold separately). Also, the software in the radio must be rev. 2.1.4 or higher.
† If a Clarion or Eclipse radio is installed and the steering wheel controls do not function, change the radio to Clarion (type 2) or Eclipse (type 2) respectively. If the steering wheel controls still do function, refer to the Changing Radio Type document available at axxessinterfaces.com.
‡ If a Kenwood radio is installed and the L.E.D. feedback flashes (5) times instead of (2), manually change the radio type to Kenwood. To do this, refer to the Changing Radio Type document available at axxessinterfaces.com.
Having difficulties? We’re here to help.

Contact our Tech Support line at:
1-386-257-1187

Or via email at:
technicalsupport@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

Knowledge is Power
Enrich your installation and fabrication skills by enrolling in the most recognized and respected mobile electronics school in our industry.
Log onto www.installerinstitute.edu or call 386-672-5771 for more information and take steps toward a better tomorrow.

Metra recommends MECP certified technicians