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

**INTERFACE COMPONENTS**
- AX-PO90052 interface
- AX-PO90052 amplifier interface
- ASWC-1 interface
- AX-PO90052 harness
- ASWC-1 harness
- Female 3.5mm connector with stripped leads

**APPLICATIONS**

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**TOOLS REQUIRED**
- Wire cutter • Crimp tool • Solder gun • Tape
- Connectors (example: butt-connectors, bell caps, etc.)
CONNECTIONS

From the aftermarket radio to the AX-P090052 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 and the Blue/White wires to the amp turn-on wire.
• If a wire is populated on the factory side, connect the Blue/White wire with a bullet connector to the amp turn-on 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 front 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.

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)

• 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.
  • 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.
  • 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.
With the key in the off position:
- Connect the AX-P090052 harness to the AX-P090052 interface.
- Connect the AX-P090052 harness to the AX-P090052 amplifier interface.
- Remove the dust cover from fiber optic port in the AX-P090052 amplifier interface.
- Connect the factory fiber optic cable into the AX-P090052 amplifier interface.
- Connect the AX-P090052 harness to the wiring harness in the vehicle.
- Connect the ASWC-1 harness to the ASWC-1 interface, and then to the AX-P090052 interface.

INSTALLATION

PROGRAMMING

Press and hold the Volume-Up button on the steering wheel. For models with a scroll wheel, scroll up quickly.

Turn the ignition on, the L.E.D. in the ASWC-1 interface will start flashing rapidly, which means the ASWC-1 is looking for the vehicle and the radio.

Note: If the L.E.D. did not start flashing rapidly, press the reset button for 3 seconds, while still holding the Volume-Up button.

After a few seconds the L.E.D. should stop flashing rapidly, and then go out for about 2 seconds.

After approximately 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 to the ASWC-1. The 3rd, 4th, 5th, and 6th flashes should be longer.

Tip: Knowing this will help to troubleshoot, if need be.

The L.E.D. will pause for another 2 seconds, and then flash Red up to 18 times depending on which radio is connected to the ASWC-1. Refer to the L.E.D. feedback section for information.

This is the end of the auto detection stage. Release from holding the Volume-Up button. If the ASWC-1 detected the vehicle and the radio successfully, the L.E.D. will light up solid.

Test the steering wheel controls for proper operation. Refer to the ASWC-1 instructions online at axxessinterfaces.com for customizing the buttons, if so desired.

PROGRAMMING (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
1 flash - Eclipse (Type 1) †
2 flashes - Kenwood
3 flashes - Clarion (Type I) †
4 flashes - Sony / Dual
5 flashes - JVC
6 flashes - Pioneer / Jensen
7 flashes - Alpine *
8 flashes - Visteon
9 flashes - Valor
10 flashes - Clarion (Type 2) †
11 flashes - Metra OE
12 flashes - Eclipse (Type 2) †
13 flashes - LG
14 flashes - Parrot **
15 flashes - XITE
16 flashes - Philips
17 flashes - TBD
18 flashes - JBL

* 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.
INSTALLATION INSTRUCTIONS

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

Having difficulties? We’re here to help.

Contact our Tech Support line at:
1-800-253-TECH

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