



Mercedes (with M.O.S.T. 25 amplifier) Data Interface with SWC 2002-2010

INTERFACE FEATURES

- Provides 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

- | | | |
|-------------------------|-----------------------------------|--|
| • AXDIS-MB132 interface | • AXDIS-MB132 amplifier interface | • AXSWC interface |
| • AXDIS-MB132 harness | • AXSWC harness | • Female 3.5mm connector with stripped leads |

APPLICATIONS

MERCEDES		
CLS Class (W211)	2006-2011	E-Class (C219)
		2003-2008
		SLK Class (R171)
		2005-2008*
		* equipped with Command NTG1

Product Info



TABLE OF CONTENTS

Connections.....	2
Installing the AXDIS-MB132 interface	4
Installing the Fiber Optic Cable.....	5
Programming the AXSWC interface	6

TOOLS REQUIRED

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

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.

CONNECTIONS

From the AXDIS-MB132 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.
Note: There will be an accessory wire on the AXSWC harness to connect as well.
- **Orange** wire to the illumination wire (if applicable).

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.

Red & White RCA jacks labeled “FRONT LEFT” and “FRONT RIGHT” to the full range front amplifier output jacks.

Red & White RCA jacks labeled “AUX Left” and “AUX Right” to the audio AUX-IN jacks. (if applicable)

From the aftermarket radio to the AXSWC 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 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 SWC 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 the 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 **Steering Wheel Control** buttons. Contact the radio manufacturer for more information.

INSTALLATION

Installing the AXDIS-MB132 interface

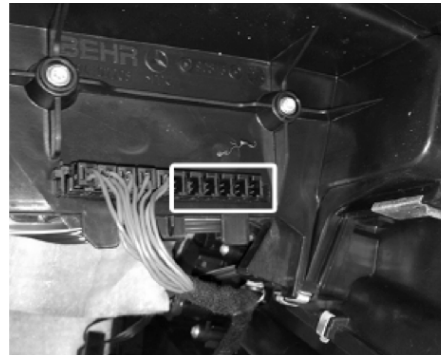
With the key in the off position:

- Replace the factory circuit board with the AXDIS-MB132 interface and snap it in the factory housing.
- Connect the AXDIS-MB132 harness to the AXDIS-MB132 interface.
- Connect the AXDIS-MB132 harness to the AXDIS-MB132 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-MB132 interface.
- Connect the AXDIS-MB132 harness to the wiring harness in the vehicle.

NOTE: The small 2-pin connector will connect to the empty slot in the CAN hub, which is located in the kick panel, underneath the glovebox. (Figures A & B)



(Figure A)



(Figure B)

PROGRAMMING THE AXSWC INTERFACE

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 up solid **Red**. If not, refer to the troubleshooting documents available at axessinterfaces.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 axessinterfaces.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

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

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 axessinterfaces.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 axessinterfaces.com.



AXDIS-MB132

INSTALLATION INSTRUCTIONS



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



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.edu or call 386-672-5771 for more information and take steps toward a better tomorrow.



Metra recommends MECP certified technicians