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AXXESS AXDIS-
MB82
Mercedes Data
Interface With
SWC

AXXESS AXDIS-MB82 Mercedes Data Interface With SWC Instructions

Contents

AXXESS AXDIS-MB82 Mercedes Data Interface With SWC

Specifications

- **Product Name:** AXDIS-MB82
- **Compatibility:** Mercedes vehicles with MOST 25 amplifier, model years 2002-2013
- **Manufacturer:** AxxessInterfaces.com

Product Usage Instructions

Tools Required

Before starting the installation process, ensure you have the necessary tools such as butt connectors, bell caps, etc.

Precautions

1. With the key out of the ignition, disconnect the negative battery terminal before installing the product.
2. Ensure all installation connections are plugged in before reconnecting the battery or testing the product.
3. Refer to the aftermarket accessory instructions before installing this device.

Connections

The BLK-AXDIS-MB82 harness connects to the vehicle connector with a 6-pin interface and to the aftermarket radio front with a 16-pin interface. Make sure to match the corresponding wires:

- **Black** – Ground wire
- **Yellow** – Battery wire
- **Red** – Accessory power

- **Green** – Reverse
- **Orange** – Illumination
- **Blue** – AMP Turn On
- **Purple** – E-Brake
- **Pink** – VSS

SWC Chart

- Refer to the SWC chart to set dipswitch settings based on your radio type for proper functionality.

Installing the AXDIS-MB82 Interface

- Follow the provided instructions for setting up dipswitches on the interface to match your radio type for compatibility.

Installing the Fiber Optic Cable

- To adapt to the Media Oriented System Transport (MOST) interface, removal of the original fiber optic connection is required. Follow the provided diagrams for guidance.

FAQ

Q: Do I need to disconnect the battery before installing the product?

A: Yes, it is recommended to disconnect the negative battery terminal before installation for safety purposes.

Q: How do I know which dipswitch settings to use for my radio type?

A: Refer to the SWC chart provided in the manual and set the dipswitches according to your radio manufacturer and model.

INTERFACE COMPONENTS

- AXDIS-MB82 interface
- AXDIS-MB82 harness
- Steering wheel control harness

INTERFACE FEATURES

- Designed for MOST*25 amplified systems
- Provides accessory power (12-volt)
- Retains audio controls on the steering wheel controls
- Easy to set Dipswitches for SWC configuration
- Provides NAV outputs (parking brake, reverse, and speed sense)
- Micro B USB updatable

- **Note:** Backup Camera not retained if equipped.
- Media Oriented System Transport

TOOLS REQUIRED

- Wire cutter
- Crimp tool and Connectors (example: butt-connectors, bell caps, etc.) or Solder gun, solder, heat shrink
- Zip-ties
- Tape
- **ATTENTION:** With the key out of the ignition, disconnect the negative battery terminal before installing this product.
- Ensure that all installation connections, especially the airbag indicator lights, are plugged in before reconnecting the battery or cycling the ignition to test this product.
- **NOTE:** Refer also to the instructions included with the aftermarket accessory before installing this device.
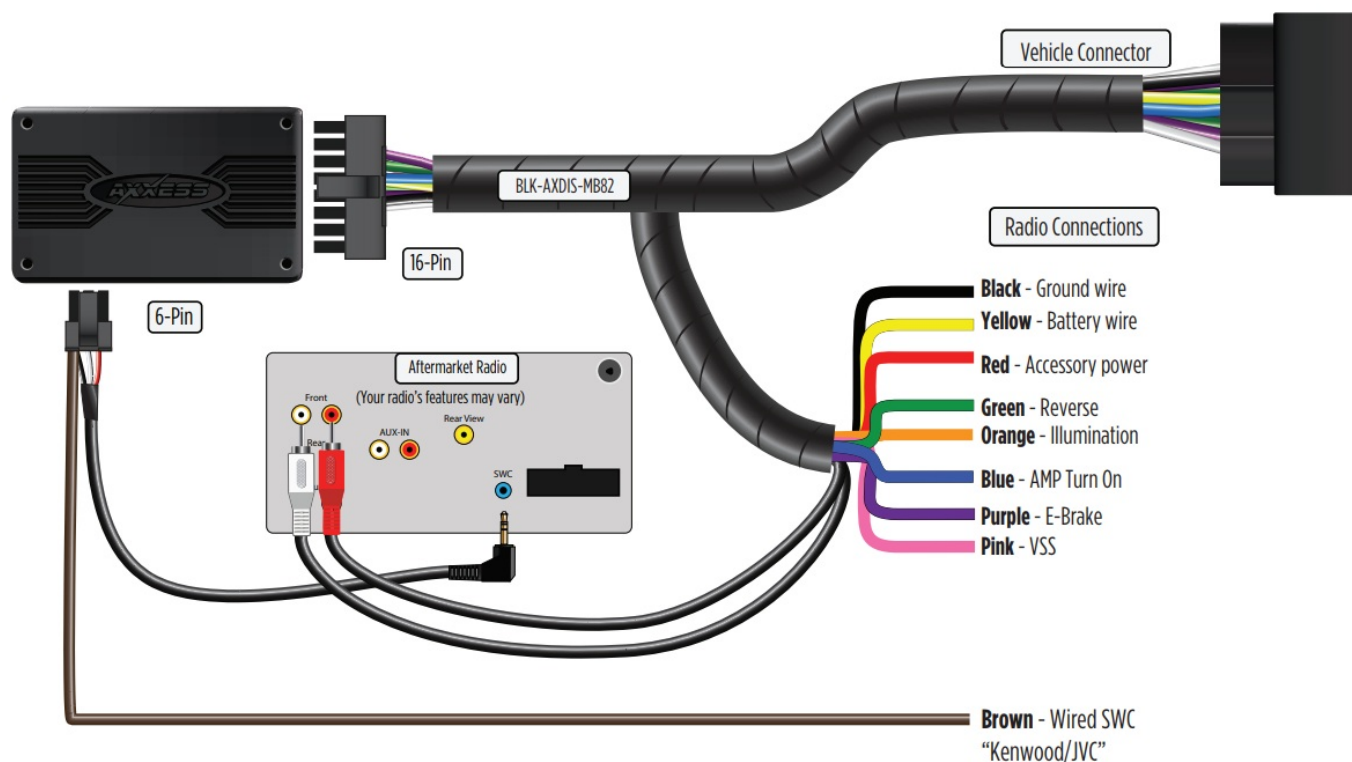
APPLICATIONS

US Applications: Mercedes

- **C CLASS (W203)..**……………………………………………………….2004-2007
- **CLK (W209)**…………………………………………………..2005-2009
- **E Class (W211)** …………………………………………………..2003-2008
- **GL (X164)** …………………………………………………..2007-2012
- **ML (W164) .**………………………………………………….. 2006-2011
- **R CLASS (W254)….**…………………………………………………… 2006-2011
- **SL55-AMG (R230) .**……………………………………………….2005-2008
- **SL63-AMG (R230)…**……………………………………………….2009-2012
- **SLK (R171)…**……………………………………………………….. 2009-2011

World Applications: Mercedes

- **A CLASS (W169)**…………………………………………………….2004-2012
- **B CLASS (T245).**……………………………………………………. 2005-2011
- **C CLASS (W203).**…………………………………………………..2004-2007
- **CLK (W209)…**……………………………………………………. 2004-2009
- **E Class (W211)…..**……………………………………………….2002-2009
- **GL (X164)…..**……………………………………………………. 2006-2010
- **ML (W164).**…………………………………………………… 2005-2011
- **R CLASS (W254)….**…………………………………………………2006-2013
- **SL55-AMG (R230)..**……………………………………………….2002-2008
- **SL63-AMG (R230)…..**……………………………………………..2008-2012
- **SLK (R171) ….**…………………………………………………… 2008-2011
- Without OEM Navigation, Audio 20 Radio

CONNECTIONS: BLK-AXDIS-MB82 HARNESS

Vehicle Connector

BLK-AXDIS-MB82

16-Pin

6-Pin

Radio Connections

Black - Ground wire
Yellow - Battery wire
Red - Accessory power
Green - Reverse
Orange - Illumination
Blue - AMP Turn On
Purple - E-Brake
Pink - VSS

Aftermarket Radio
(Your radio's features may vary)

Front
Rear
AUX-IN
Rear View
SWC

Brown - Wired SWC
"Kenwood/JVC"

APPLICABLE RADIOS

Radios that are applicable with AXDIS-MB82

Audio 20

Audio 20 Tape Player

Audio 20 SLK

SWC CHART

| Metra MOST Interface Dipswitch Table							
MFR	**System**	**DIP Switch Settings**					**Additional Comments**
		1	**2**	**3**	**4**	**5**	
RESERVED	NA	OFF	OFF	OFF	OFF	OFF	SW UPDATE MODE
ALPINE	IR DATA	OFF	**ON**	OFF	OFF	OFF	
AXXERA 2	IR DATA	**ON**	**ON**	OFF	OFF	OFF	
CLARION 1	IR DATA	**ON**	OFF	OFF	**ON**	OFF	
CLARION 2	IR DATA	**ON**	**ON**	OFF	**ON**	OFF	
DUAL	Analog	OFF	OFF	**ON**	**ON**	OFF	
GRUNDIG	IR DATA	OFF	**ON**	OFF	**ON**	OFF	
JENSEN	Analog	OFF	OFF	OFF	**ON**	**ON**	
JVC	IR DATA	OFF	OFF	**ON**	OFF	OFF	BROWN WIRED SWC
KENWOOD 1	IR DATA	**ON**	OFF	OFF	OFF	OFF	BROWN WIRED SWC
KENWOOD 2	IR DATA	**ON**	**ON**	OFF	OFF	OFF	BROWN WIRED SWC
LG 1	Analog	OFF	OFF	**ON**	**ON**	OFF	
LG 2	IR DATA	OFF	**ON**	**ON**	OFF	OFF	
PHILIPS 1	IR DATA	**ON**	OFF	**ON**	**ON**	OFF	
PHILIPS 2	IR DATA	OFF	**ON**	OFF	**ON**	OFF	
PIONEER 1	Analog	OFF	OFF	OFF	**ON**	**ON**	MALE 3.5MM JACK
PIONEER 2	Analog	OFF	OFF	OFF	**ON**	OFF	MALE 3.5MM JACK
SONY	Analog	OFF	OFF	**ON**	**ON**	OFF	MALE 3.5MM JACK
VALOR	IR DATA	**ON**	OFF	**ON**	OFF	OFF	
SPARE	IR DATA	OFF	**ON**	**ON**	**ON**	OFF	
SPARE	Analog	**ON**	**ON**	**ON**	OFF	OFF	
SPARE	Analog	**ON**	**ON**	**ON**	**ON**	OFF	
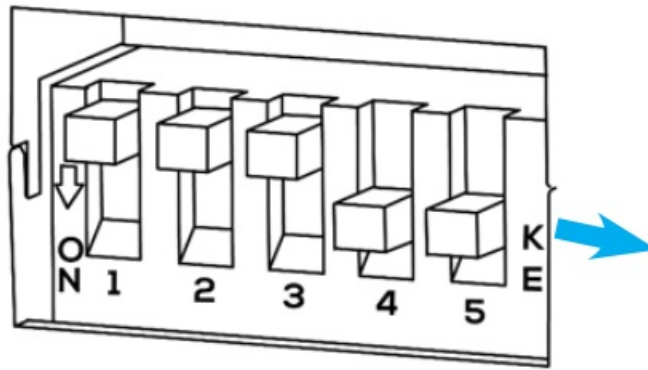
- Press the dipswitch into the down position to turn ON.
- Pioneer 1 example is shown in the diagram.

INSTALLING THE AXDIS-MB82 INTERFACE

With the key in the off position:

1. Connect the male 3.5mm jack to the steering wheel control port on the radio.
2. Ensure that the dipswitches are set to the desired radio type. Refer to the SWC Chart.
3. Connect the AXDIS-MB82 harness to the AXDIS-MB82 interface.
4. Remove the dust cover from the optic port on the AXDIS-MB82 interface.
5. Connect the factory fiber optic cable to the AXDIS-MB82 interface. See right this page.
6. Connect the AXDIS-MB82 harness to the wiring harness in the vehicle.
7. Turn on the ignition and test all features.

Interface Front View

Dipswitch Detail
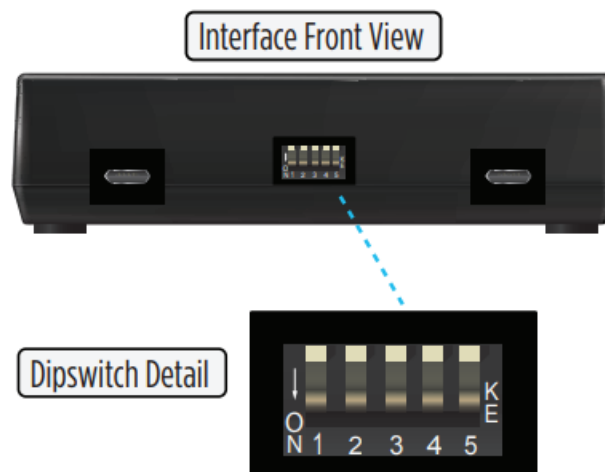
- **NOTE:** For Dipswitch Settings for your Radio Type, refer to the SWC Chart on

INSTALLING THE FIBER OPTIC CABLE

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-MB82 amplifier interface in the black connector housing provided with this kit and snap the housing in place.
    - **(Figure A)**

(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 fiber optic insert from the connector.
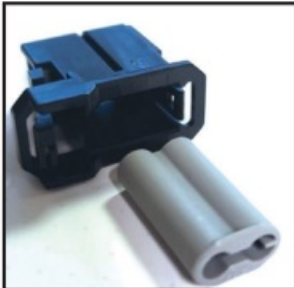 - **(Figure B)**
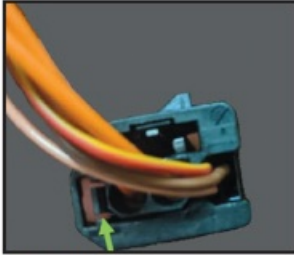
(Figure B)

- **From the MOST Interface:** Push the tab toward the dust cover and, using a needle nose plier, remove the dust cover. Replace the connector with the factory fiber optic cables into the MOST interface's black connector housing.
  - **(Figure C)**

(Figure C)

- 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 – 5:00 PM
- **Sunday:** 10:00 AM – 4:00 PM
- **AxxessInterfaces.com**
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Documents / Resources

[AXXESS AXDIS-MB82 Mercedes Data Interface With SWC](#) [pdf] Instructions

AXDIS-MB82 Mercedes Data Interface With SWC, AXDIS-MB82, Mercedes Data Interface With SWC, Interface With SWC, With SWC, SWC

References

- **[User Manual](#)**