



Mercedes SWC (Steering Wheel Control) and Data Interface 2001-2018

INTERFACE FEATURES

- Provides accessory power (12 volt 10-amp)
- Designed for non-amplified models
- Provides wires for multimedia radios (park brake, reverse, speed sense)
- Retains audio controls on the steering wheel
- Designed to be compatible with all major radio brands
- Auto detects vehicle type, radio connection, and preset controls
- Ability to dual assign steering wheel control buttons
- Retains memory settings even after battery disconnection or interface removal (nonvolatile memory)
- Provides illumination output
- Micro-B USB updatable

APPLICATIONS

Mercedes

C Class 2001-2004
 CLK Class 2004
 CLK500 2003
 CLK55 AMG 2003

C Class 2005-2011
 CLK Class 2005-2009
 E Class 2010-Up
 G Class 2007-2012

GLK Class 2010-2012
 R Class 2006-2011
 SLK Class 2005-2011
 Sprinter 2010-2018

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INTERFACE COMPONENTS

- AXTC-MB1 Interface
- LD-SWCX-MB1 Harness
- LD-SWCX-MB2 Harness
- 3.5mm Adapter

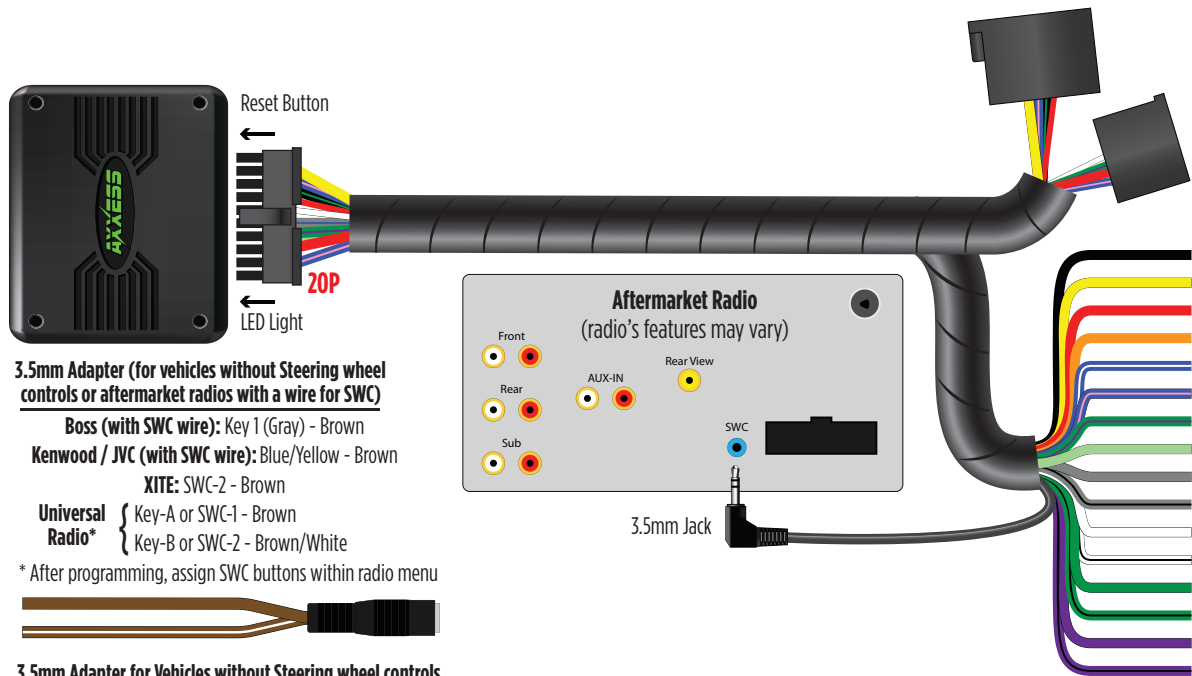
TOOLS & INSTALLATION ACCESSORIES REQUIRED

- Crimping tool and connectors, or solder gun, solder, and heat shrink
- Tape
- Wire cutter
- Zip ties
- Multimeter

ATTENTION: With the key out of the ignition, disconnect the negative battery terminal before installing this product. Ensure that all installation connections, especially the air bag 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.

CONNECTIONS LD-SWCX-MB1



Vehicle Connectors

Radio Connections

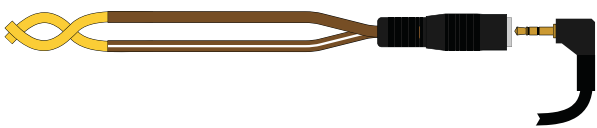
3.5mm Adapter (for vehicles without Steering wheel controls or aftermarket radios with a wire for SWC)

- Boss (with SWC wire):** Key 1 (Gray) - Brown
- Kenwood / JVC (with SWC wire):** Blue/Yellow - Brown
- XITE:** SWC-2 - Brown
- Universal Radio***
 - Key-A or SWC-1 - Brown
 - Key-B or SWC-2 - Brown/White

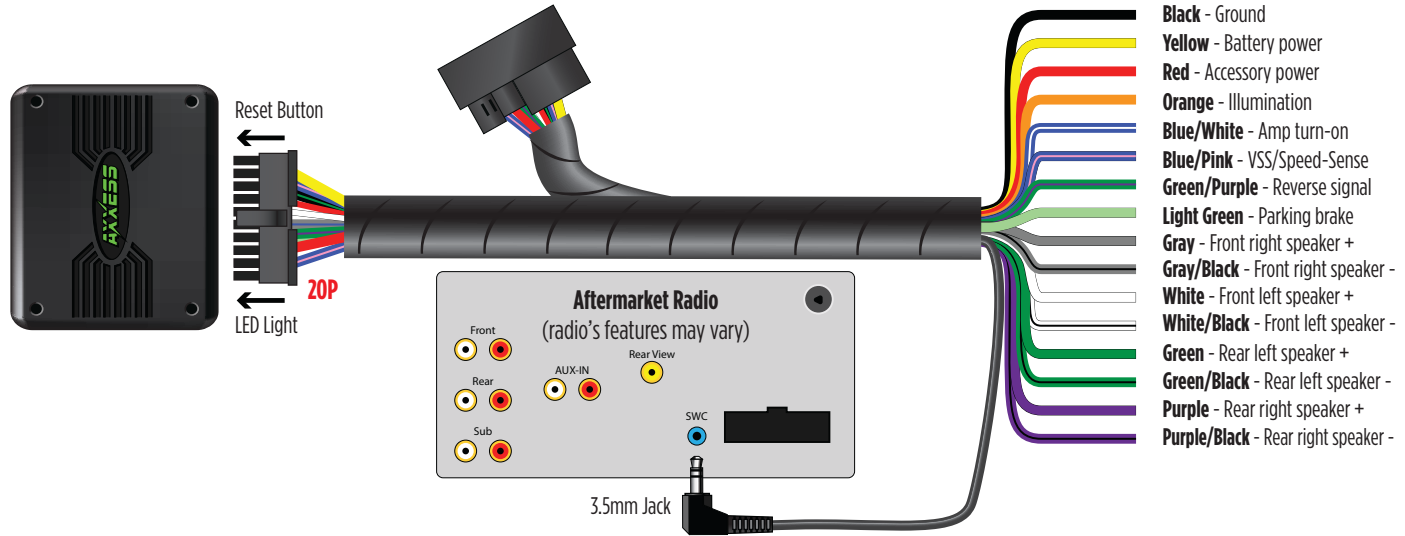
* After programming, assign SWC buttons within radio menu

3.5mm Adapter for Vehicles without Steering wheel controls

- 1) From the 3.5mm adapter, tie the **Brown** and **Brown/White** wires together with tape or connector
- 2) Connect the 3.5mm adapter to the 3.5mm jack from the **AXTC-MB1 Harness**
- 3) Program the **AXTC-MB1** per the instructions on page 4. Disregard steps 4 & 5



CONNECTIONS LD-SWCX-MB2



Radio Connections

- Black** - Ground
- Yellow** - Battery power
- Red** - Accessory power
- Orange** - Illumination
- Blue/White** - Amp turn-on
- Blue/Pink** - VSS/Speed-Sense
- Green/Purple** - Reverse signal
- Light Green** - Parking brake
- Gray** - Front right speaker +
- Gray/Black** - Front right speaker -
- White** - Front left speaker +
- White/Black** - Front left speaker -
- Green/Black** - Rear left speaker -
- Purple** - Rear right speaker +
- Purple/Black** - Rear right speaker -

3.5mm Adapter (for vehicles without Steering wheel controls or aftermarket radios with a wire for SWC)

- Boss (with SWC wire)**: Key 1 (Gray) - Brown
- Kenwood / JVC (with SWC wire)**: Blue/Yellow - Brown
- XITE**: SWC-2 - Brown
- Universal Radio***
 - Key-A or SWC-1 - Brown
 - Key-B or SWC-2 - Brown/White

* After programming, assign SWC buttons within radio menu





3.5mm Adapter for Vehicles without Steering wheel controls


- 1) From the **3.5mm adapter**, tie the **Brown** and **Brown/White** wires together with tape or connector
- 2) Connect the **3.5mm adapter** to the 3.5mm jack from the **AXTC-MB1 Harness**
- 3) Program the **AXTC-MB1** per the instructions on page 4. Disregard steps 4 & 5




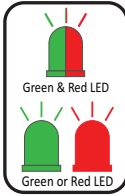
PROGRAMMING

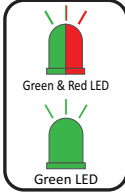
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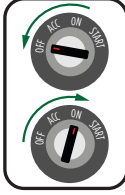
1. Open the driver's door, and keep open during the programming process.
- 


2. Cycle the ignition on.
- 

3. Connect the **AXTC-MB1 harness** to the **AXTC-MB1 interface**.
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4.* Tap **Volume Up**. Locate the **Volume Up** button on the the steering wheel. Program the interface by tapping the **Volume Up** button until the LED stops flashing.
* Only applicable if vehicle came with steering wheel controls
- 

5.* The LED light will flash **Green & Red** while the interface programs the radio to the steering wheel controls. Once programmed, the LED light will go out, then produce a pattern which will identify the radio type installed.
* Only applicable if vehicle came with steering wheel controls
- 

6. The LED light will go out, then once again quickly flash **Green & Red** while the interface programs itself to the vehicle. Once programmed, the LED light will go out again, then turn solid **Green**.
- 

7. Cycle the ignition off, then back on.
- 

8. Test all functions of the installation for proper operation.

TROUBLESHOOTING

1.



LED
Light

Reset
Button

If the interface fails to function, press and release the reset button, then repeat the programming process from step 5 to try again.

2.

Final LED Feedback

At the end of programming the LED light will turn solid **Green** which indicates programming was successful. If the LED light didn't turn solid **Green**, reference the list below to understand which programming section the problem may stem from.

LED Light	Radio Programming Section	Vehicle Programming Section
Solid Green	Pass	Pass
Slow Red Flash	Fail	Pass
Slow Green Flash	Pass	Fail
Solid Red	Fail	Fail

Note: If the 3.5mm jack is not connected to the radio the LED feedback can still show **Pass**, as an open connection will be shown by the interface as an **Alpine** radio.

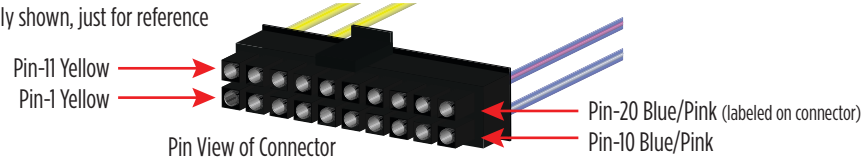
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Further troubleshooting steps and information can be located at: [axessinterfaces.com](https://www.axessinterfaces.com)

CONNECTOR VIEW

(4) corner wires only shown, just for reference



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

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**Metra recommends MECP
certified technicians**