**APPLICATIONS**

<table>
<thead>
<tr>
<th>BMW</th>
<th>MINI (Cooper)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Series</td>
<td>Clubman (R55) 2008-2013</td>
</tr>
<tr>
<td>3 Series (1)</td>
<td>Convertible (R57) 2012-2013</td>
</tr>
<tr>
<td>3 Series</td>
<td>Coupe (R58) 2007-2011</td>
</tr>
<tr>
<td>3 Series (2)</td>
<td>Hatchback (R56) 2006</td>
</tr>
<tr>
<td>M3</td>
<td>Roadster (R59) 2007-2013</td>
</tr>
</tbody>
</table>

(1) Excluding sedan models  
(2) Sedan and Wagon only

**BMW SWC (Steering Wheel Control) and Data Interface 2006-2012**

**INTERFACE FEATURES**

- Provides accessory power (10-amp)
- Provides illumination, parking brake, reverse, and speed sense outputs
- Retains warning chimes through an onboard speaker
- 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 (non volatile memory)
- Designed for non-amplified models, or when bypassing a factory amplifier
- Retains balance and fade
- Micro-B USB updatable

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**INTERFACE COMPONENTS**

- AXTC-BM1 interface
- AXTC-BM1 harness
- 3.5mm BMI adapter

**TOOLS & INSTALLATION ACCESSORIES REQUIRED**

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

**Product Info**

AxxessInterfaces.com
CONNECTIONS

Radio Connections
- Gray - Front right speaker +
- Gray/Black - Front right speaker -
- White - Front left speaker +
- White/Black - Front left speaker -
- Green - Rear left speaker +
- Green/Black - Rear left speaker -
- Purple - Rear right speaker +
- Purple/Black - Rear right speaker -
- Blue/Pink - VSS/Speed-Sense
- Green/Purple - Reverse signal
- Light Green - Parking brake
- Blue - Not used
- Orange - Illumination
- Black - Ground
- Red - Accessory power
- Yellow - Battery power

3.5mm Adapter (for 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

Aftermarket Radio
(radio’s features may vary)

Vehicle Connector

To Battery

Reset Button

LED
PROGRAMMING

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

2. Cycle the ignition on.

3. Connect the AXTC-BM1 harness to the AXTC-BM1 interface, and then to the wiring harness in the vehicle.

4. Locate the Volume Up button on the steering wheel. Program the interface by tapping the Volume Up button until the LED stops flashing.

5. The LED will flash Green & Red while the interface programs the radio to the steering wheel controls. Once programmed, the LED will go out, then produce a pattern which will identify the radio type installed. Refer to the Radio LED Feedback section under Troubleshooting for radio types.

6. The LED will go out, then once again quickly flash Green & Red while the interface programs itself to the vehicle. Once programmed, the LED 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. If the interface fails to function, press and release the reset button, then repeat the programming process from step 4 to try again.

2. **Final LED Feedback**

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

<table>
<thead>
<tr>
<th>LED Light</th>
<th>Radio Programming Section</th>
<th>Vehicle Programming Section</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solid Green</td>
<td>Pass</td>
<td>Pass</td>
</tr>
<tr>
<td>Slow Red Flash</td>
<td>Fail</td>
<td>Pass</td>
</tr>
<tr>
<td>Slow Green Flash</td>
<td>Pass</td>
<td>Fail</td>
</tr>
<tr>
<td>Solid Red</td>
<td>Fail</td>
<td>Fail</td>
</tr>
</tbody>
</table>

**Note:** If the LED shows **Solid Green** for **Pass** (indicating everything programmed correctly), yet the steering wheel controls don’t work, make sure that the 3.5mm jack is plugged in, and plugged into the correct jack in the radio. Once corrected, press the reset button, then program again.

Further troubleshooting steps and information can be located at: axxessinterfaces.com/product/AXTC-BM1

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**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

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**Metra recommends MECP certified technicians**