

BMW / Mini 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

APPLICATIONS

BMW

| | |
|------------------------------------|---------------------------------|
| 1 Series.....2008-2013 | 3 Series (2)2006 |
| 3 Series (1)2012-2013 | M3.....2007-2013 |
| 3 Series.....2007-2011 | |
| (1) Excluding sedan models | (2) Sedan and Wagon only |

Mini (Cooper)

| | |
|--------------------------------------|-----------------------------------|
| Clubman (R55).....2008-2014 | Coupe (R58).....2012-2015 |
| Convertible (R57)....2009-2015 | Hatchback (R56).....2007-2013 |
| Countryman (3)2011-2016 | Paceman (3)2011-2016 |
| | Roadster (R59).....2012-2015 |
| (3) Without factory NAV | |

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INTERFACE COMPONENTS

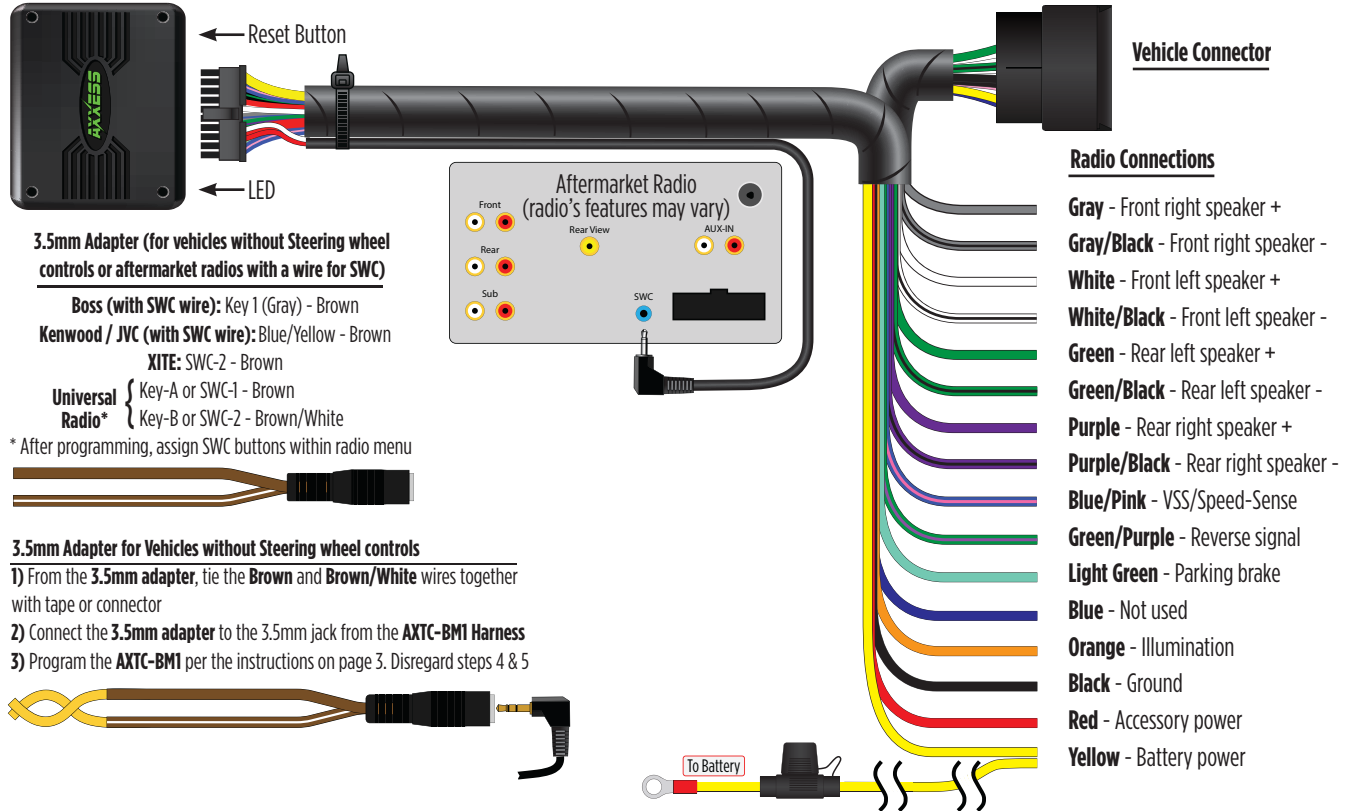
- AXTC-BM1 interface
- AXTC-BM1 harness
- 3.5mm adapter

TOOLS & INSTALLATION ACCESSORIES REQUIRED


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





PROGRAMMING

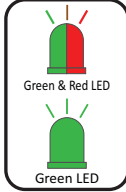
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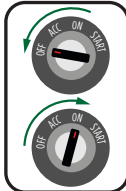
1. Open the driver's door, and keep open during the programming process.
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2. Cycle the ignition on.
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3. Connect the **AXTC-BM1 harness** to the **AXTC-BM1 interface**, and then to the wiring harness in the vehicle.
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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
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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.
*Only applicable if vehicle came with steering wheel controls
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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**.
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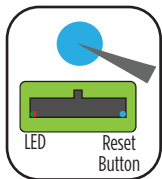
7. Cycle the ignition off, then back on.
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8. Test all functions of the installation for proper operation.



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.

| 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 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.

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

QR Code Scan Here



Further troubleshooting steps and information can be located at:

axxessinterfaces.com/product/AXTC-BM1



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