

GM Data Interface with SWC 2006-Up

INTERFACE FEATURES

- Provides retained 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

Product Info



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INTERFACE COMPONENTS

- AXTC-LN29 interface
- AXTC-LN29 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, 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.

APPLICATIONS

See inside front cover

APPLICATIONS

Buick

| | |
|---------------|-----------|
| Enclave | 2008-2017 |
| Lucerne | 2006-2011 |

Cadillac

| | |
|------------------------|-----------|
| DTS (3) | 2006-2011 |
| Escalade (3) | 2007-2014 |
| Escalade ESV (3) | 2007-2011 |
| Escalade EXT (3) | 2007-2014 |
| SRX (3) | 2007-2009 |

Chevrolet

| | |
|-------------------------|-----------|
| Avalanche (2) | 2007-2013 |
| Captiva Sport (2) | 2012-2015 |
| Equinox | 2007-2009 |
| Express (1) | 2008-Up |
| Impala | 2006-2013 |
| Impala Limited | 2014-2016 |
| Monte Carlo | 2006-2007 |

Chevrolet (Cont)

| | |
|--------------------------------|-----------|
| Silverado 2500 HD (2) | 2014 |
| Silverado 3500 HD (2) | 2014 |
| Silverado (new body) (2) | 2007-2013 |
| Suburban (2) | 2007-2014 |
| Tahoe (2) | 2007-2014 |
| Traverse | 2009-2017 |

GMC

| | |
|-----------------------------|-----------|
| Acadia | 2007-2016 |
| Acadia Limited | 2017 |
| Savana (1) | 2008-Up |
| Sierra 2500 HD (2) | 2014 |
| Sierra 3500 (2) | 2014 |
| Sierra (new body) (2) | 2007-2013 |
| Yukon (2) | 2007-2014 |
| Yukon XL (2) | 2007-2014 |

Hummer

| | |
|--------------|-----------|
| H2 (3) | 2008-2009 |
|--------------|-----------|

Pontiac

| | |
|---------------|-----------|
| Torrent | 2007-2009 |
|---------------|-----------|

Saturn

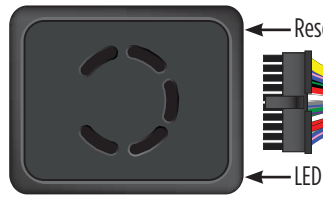
| | |
|---------------|-----------|
| Outlook | 2007-2010 |
| Vue | 2008-2010 |

Suzuki

| | |
|------------|-----------|
| XL-7 | 2007-2009 |
|------------|-----------|

- (1) For 2013-2015 models equipped with NAV use: **AXTC-LN44.**
- (2) For 2012-Up models equipped with NAV use: **AXTC-LN44.**
- (3) These vehicles are standard for an amp and must be bypassed.

CONNECTIONS



Reset Button

LED

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

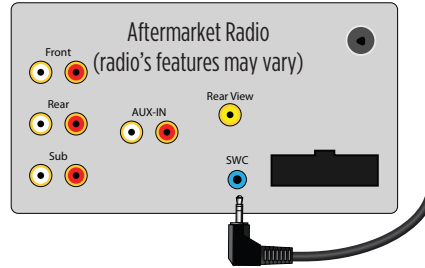
Boss (with SWC wire): Key 1 (Gray) - Brown

Kenwood / JVC (with SWC wire): Blue/Yellow - Brown

XITE: SWC-2 - Brown

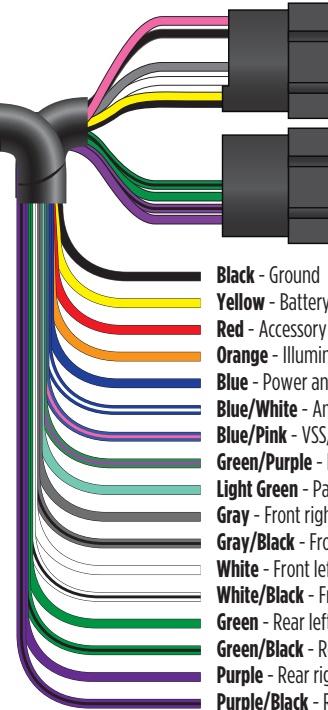
Universal Radio* { Key-A or SWC-1 - Brown
Key-B or SWC-2 - Brown/White

* 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-LN29 Harness**
- 3) Program the **AXTC-LN29** per the instructions on page 4. Disregard steps 4 & 5





Vehicle Connectors


Radio Connections


- Black** - Ground
- Yellow** - Battery power
- Red** - Accessory power
- Orange** - Illumination
- Blue** - Power antenna
- 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** - Rear left speaker +
- Green/Black** - Rear left speaker -
- Purple** - Rear right speaker +
- Purple/Black** - Rear right speaker -

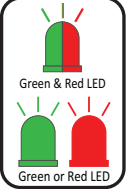
PROGRAMMING

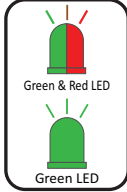
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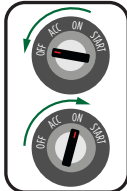
1. Open the driver's door, and keep open during the programming process.
- 


2. Cycle the ignition on.
- 

3. Connect the **AXTC-LN29 harness** to the **AXTC-LN29 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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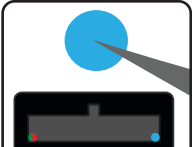
5.* The LED will flash **Green & Red** while the interface programs the radio to the steering wheel controls. Once programmed, the LED will go out, then produce a pattern which will identify the radio type installed. Refer to the **Radio LED Feedback** section under **Troubleshooting** for radio types.
*Only applicable if vehicle came with steering wheel controls
- 

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.

LED
Light

Reset
Button

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.

QR Code Scan Here



Further troubleshooting steps and information can be located at:

axessinterfaces.com/product/AXTC-LN29







AXTC-LN29

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**