# GM **Data Interface with SWC 2019-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 the factory backup camera
- 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

† The radio code can be found in the Service Parts Identification Label located:

**Glove box** – Equinox/Terrain
**QR only** (see note) - Camaro/Canyon/Colorado/Malibu/Sierra/Silverado

**Note:** Newer model GM vehicles are transitioning to a QR style label. If the Service Parts Identification Label is not located where listed, reference the Vehicle Certification Label on the inside of the driver's door opening for the QR code.

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## INTERFACE COMPONENTS

- AXTC-LN31 interface
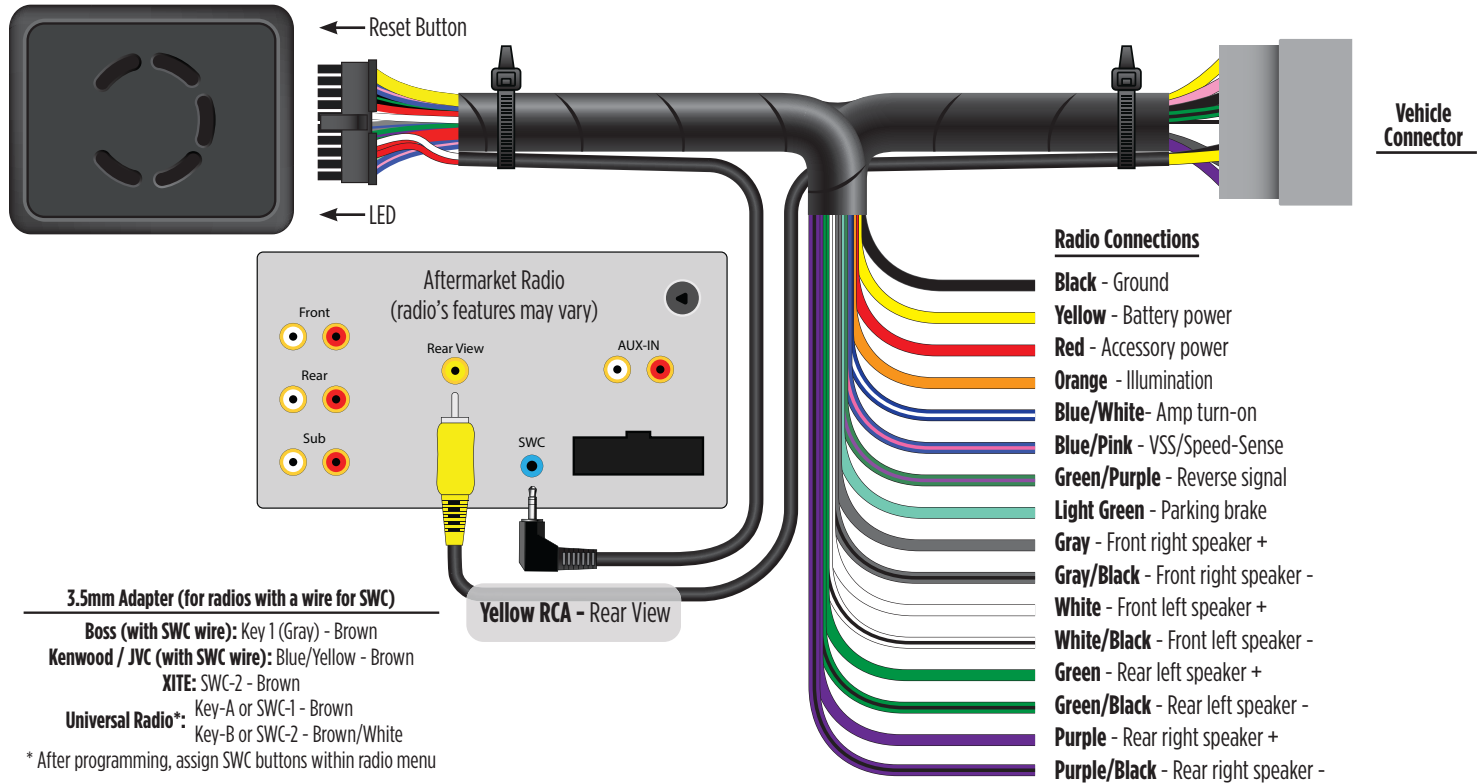- AXTC-LN31 harness
- 3.5mm adapter

## TOOLS & INSTALLATION ACCESSORIES REQUIRED

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

## Product Info

## APPLICATIONS

| Chevrolet | | Chevrolet (Cont) | |
|---|---|---|---|
| Camaro **(1)** ** | 2019-Up | Silverado **(1)** ** | 2019-2021 |
| Cheyenne (2) ** | | Sonic | 2019-Up |
| | 2019-2021 | Spark | 2019-Up |
| Colorado **(1)** | 2019-Up | **GMC** | |
| Cruze | 2019 | Canyon **(1)** | 2019-Up |
| Equinox **(1)** ** | 2019-Up | Sierra 1500 **(1)** ** | 2019-2021 |
| Malibu **(1)** ** | 2019-Up | Terrain **(1)** ** | 2019-Up |

**(1)** IOR code radio †

**For extension, use **AXEXH-GM31**

Reset Button

LED

Vehicle Connector

**Aftermarket Radio**
(radio's features may vary)

Front

Rear

Sub

Rear View

AUX-IN

SWC

**Yellow RCA –** Rear View

**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

**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** - Rear left speaker +
**Green/Black** - Rear left speaker -
**Purple** - Rear right speaker +
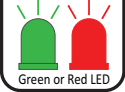**Purple/Black** - Rear right speaker -

AXXESS

# PROGRAMMING

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

**2.** Cycle the ignition on.

**3.** Connect the **AXTC-LN31 harness** to the **AXTC-LN31 interface**, and then to the wiring harness in the vehicle.

**4.** Tap Volume Up

VOL +

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

**5.** Green & Red LED

Green or Red LED

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.
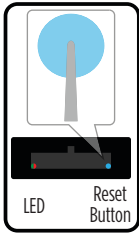
**6.** Green & Red LED

Green LED

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.**



LED | Reset Button

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.

QR Code Scan Here



Further troubleshooting steps and information can be located at:

axxessinterfaces.com/product/AXTC-LN31

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**