Manuals+ — User Manuals Simplified.

AXXESS AXTC-LN31 GM Data Interface with SWC 2019-Up Instruction Manual

Contents

AXXESS AXTC-LN31 GM Data Interface with SWC 2019-Up

APPLICATIONS

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

(1) IOR code radio †

**For extension, use AXEXH-GM31

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 (nonvolatile 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 Ser-vice 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.

INTERFACE COMPONENTS

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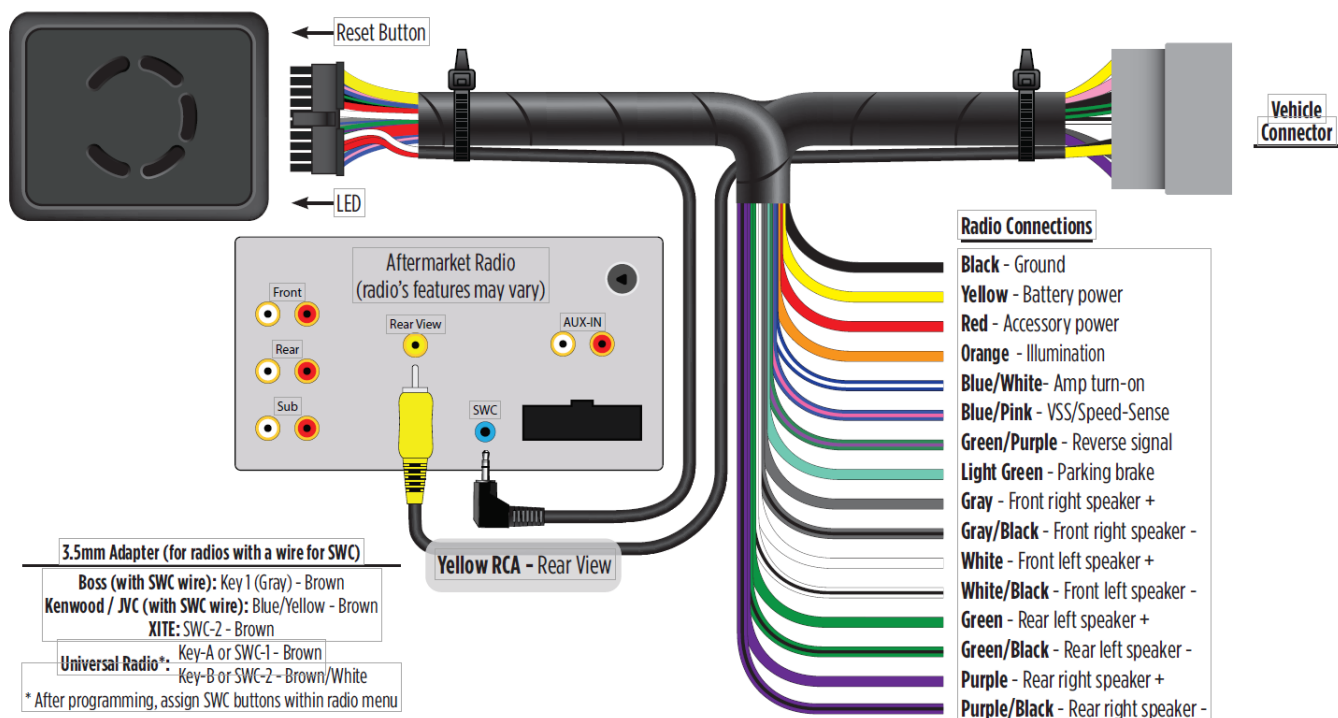- AXTC-LN31 harness
- 3.5mm adapter

TOOLS & INSTALLATION ACCESSORIES REQUIRED

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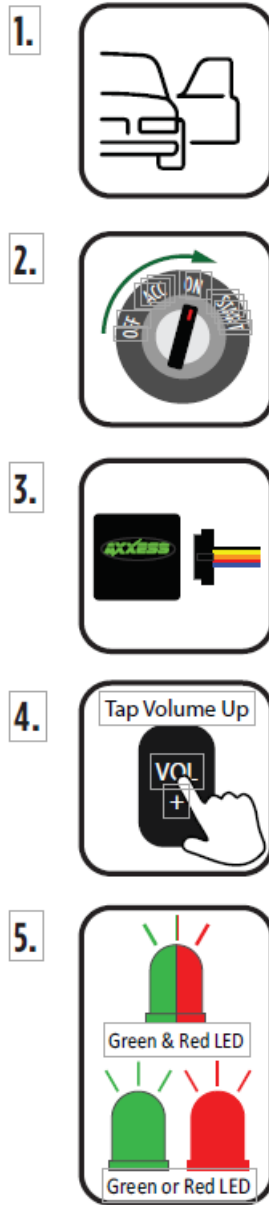 • Zip ties

Product Info

CONNECTIONS

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 -

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
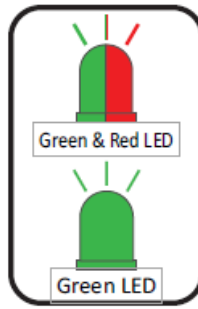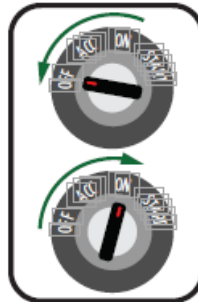
PROGRAMMING

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. 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.
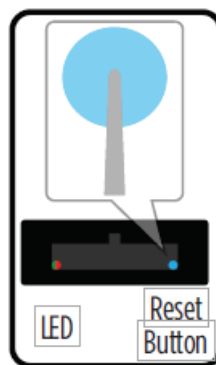
Green & Red LED

Green LED

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

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.

QR Code Scan Here

Further troubleshooting steps and information can be located at:
axxessinterfaces.com/product/AXTC-LN31

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

Documents / Resources

| | **AXXESS AXTC-LN31 GM Data Interface with SWC 2019-Up** [pdf] Instruction Manual
AXTC-LN31, GM Data Interface with SWC 2019-Up, AXTC-LN31 GM Data Interface with SWC 2019-Up |

References

- ☛ **Auto Sound Company Inc - Aftermarket Vehicle Accessory Specialists**
- **Axxess Integrate - Comprehensive Interface Products for Vehicle Upgrades**
- **AXTC-LN31 | Axxess Integrate**
- **Installer Institute | Car Audio Installation and Mobile Electronics Education**