



INTERFACE COMPONENTS

- AXTC-TY1 interface
- LD-SWCX-TY1 harness
- 3.5mm adapter

For **Dash Disassembly Instructions**, refer to Metraonline.com. Enter the year, make, and model of the vehicle in the **Vehicle Fit Guide** for **Radio Install kits**.

www.MetraOnline.com

Product Info



Data Interface with SWC

Fits Select Lexus/Toyota Models 2002-2019

Visit AxxessInterfaces.com for more detailed information about the product and up-to-date vehicle-specific applications.

INTERFACE FEATURES

- Designed for amplified and non-amplified systems
- Provides accessory power (12-volt 10-amp)
- Retains R.A.P. (Retained Accessory Power)
- Provides NAV outputs (parking brake, reverse, and speed sense)
- Built-in features like SWC & Auto-Detect
- Auto-detect feature - automatically detects the vehicle type, radio connection, and preset controls
- Ability to dual-assign steering wheel control buttons
- Designed to work with major radio brands
- Can be manually programmed for most vehicles
- Retains settings, even after battery disconnection
- Retains balance and fade (excludes amplified models)
- Retains the 3.5mm AUX-IN jack
- Micro "B" USB updatable

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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.

VEHICLE APPLICATIONS

APPLICATIONS

Lexus

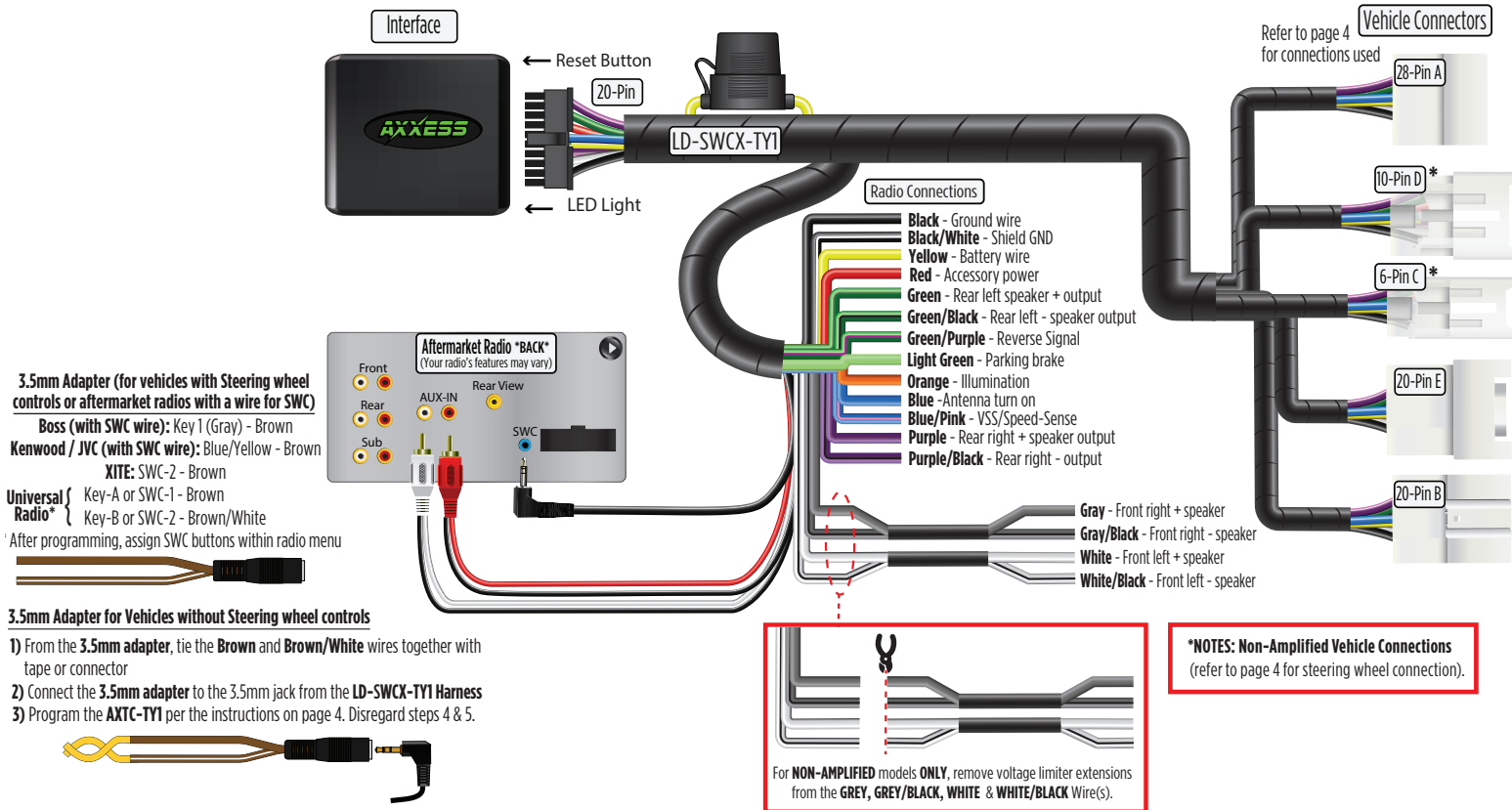
| | |
|-----------------|------------------------|
| ES Series | 2007-2012 |
| ES Series | 2002-2006 (multi-disc) |
| GS Series | 2001-2005 |
| IS Series | 2002-2005 |
| LS Series..... | 2001-2008 |
| LX Series | 2001-2007 |
| RX Series..... | 2001-2009 |

Toyota

| | |
|--------------------|----------------------|
| 4Runner..... | 2003-2019 |
| Avalon..... | 2013-2018 |
| Camry..... | 2007-2017 |
| Camry..... | 2012-2014 (with NAV) |
| Corolla..... | 2009-2018 |
| FJ Cruiser..... | 2011-2014 |
| Highlander..... | 2008-2019 |
| Prius/Prius V..... | 2013-2022 (with NAV) |
| Prius..... | 2010-2014 |

| | |
|-----------------------|-------------------------------------|
| RAV4 | 2004-2018 |
| Sequoia..... | 2005-2019 |
| Sequoia..... | 2013-2013 (with NAV) |
| Sienna..... | 2004-2017 |
| Solara..... | 2004-2008 |
| Tacoma..... | 2005-2019 |
| Tundra..... | 2006-2019 |
| Tundra (4 -Door)..... | 2004-2005 |
| Venza | 2009-2016 |
| Venza | 2013-2013 (without separate screen) |

INTERFACE CONNECTIONS



CONNECTION LIST AND CONNECTORS

| Vehicle | connectors Used | SWC connector |
|----------------------------------|-----------------|---------------|
| LEXUS | | |
| ES Series 2007-2012 | E | B |
| ES Series (Multi-Disc) 2002-2006 | E | B |
| IS Series 2002-2005 | E | B |
| RX Series 2001-2009 | E | B |
| TOYOTA | | |
| 4Runner 2003-2013 | E | B |
| 4Runner 2014-2019 | C & D | A |
| Avalon (NAV) 2013-2014 | C & D | A |
| Avalon (Non-NAV) 2013-2014 | E | B |
| Avalon 2015-2018 | C & D | A |
| Camry (NAV) 2012-2014 | C & D | A |
| Camry 2007-2014 | E | B |
| Camry 2015- 2017 | C & D | A |
| Corolla 2009-2015 | E | B |
| Corolla 2015-2018 | C & D | A |
| FJ Cruiser 2011-2014 | E | B |
| Highlander 2012-2013 | E | B |
| Highlander 2014-2019 | C & D | A |
| Prius 2010-2014 | E | B |
| Prius/Prius V (NAV) 2013-2016 | C & D | A |
| RAV4 2004-2014 | E | B |
| RAV4 2015-2018 | C & D | A |
| Sequoia (NAV) 2013 | C & D | A |
| Sequoia 2005-2013 | E | B |
| Sequoia 2014-2019 | C & D | A |
| Sienna 2004-2014 | E | B |
| Sienna 2015-2017 | C & D | A |
| Solara 2004-2008 | E | B |
| Tacoma 2005-2013 | E | B |
| Tacoma 2014-2019 | C & D | A |
| Tundra (4-Door) 2004-2005 | E | B |
| Tundra 2006-2013 | E | B |
| Tundra 2014-2019 | C & D | A |
| Venza (w/o separate screen) 2013 | C & D | A |
| Venza 2009-2013 | E | B |
| Venza 2014-2016 | C & D | A |

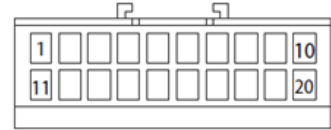
Insertion View: Refers to looking at the back of the connector where the wires go into the connector.

A



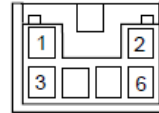
(Insertion View)

B



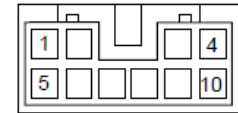
(Insertion View)

C



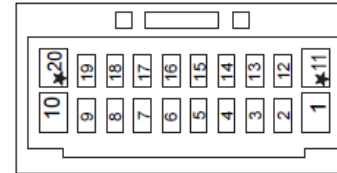
(Insertion View)

D




(Insertion View)

E



(Insertion View)


PROGRAMMING

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

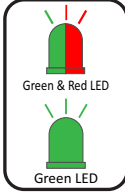
2.  Cycle the ignition on.

3.  Connect the **AXTC-TY1 harness** to the **AXTC-TY1 interface**, and then to the wiring harness in the vehicle.

4.  The **AXTC** will enter auto-detect mode. No additional action is required.

- 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

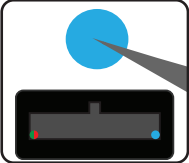
6.  The LED will go out, then once again quickly flash **Green & Red** while the interface programs itself to the vehicle. Once programmed, the LED will go out again, then turn solid **Green**.

7.  Cycle the ignition off, then back on.

8.  Test all functions of the installation for proper operation.

Note: If the vehicle's **Steering Wheel Controls** do not function after the **AXTC-TY1** has completed its programming sequence, hit the reset button on the interface to restart the programming sequence and test. Refer to **LED Feedback Chart** for programming information if needed.

TROUBLESHOOTING

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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

QR Code Scan Here



Further troubleshooting steps and information can be located at:

axxessinterfaces.com/product/AXTC-TY1

- ### 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 - 5:00 PM

Sunday: 10:00 AM - 4:00 PM



Metra recommends MECP
certified technicians