



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 models
- Provides accessory power (12-volt 10-amp)
- Provides NAV outputs (illumination, parking brake, reverse, speed sense)
- Retains audio controls on the steering wheel and allows dual assigning of steering wheel control buttons
- Designed to be compatible with all major radio brands
- Auto detects vehicle type, radio connection, and preset controls
- Retains memory settings even after battery disconnection or interface removal (non-volatile memory)
- 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

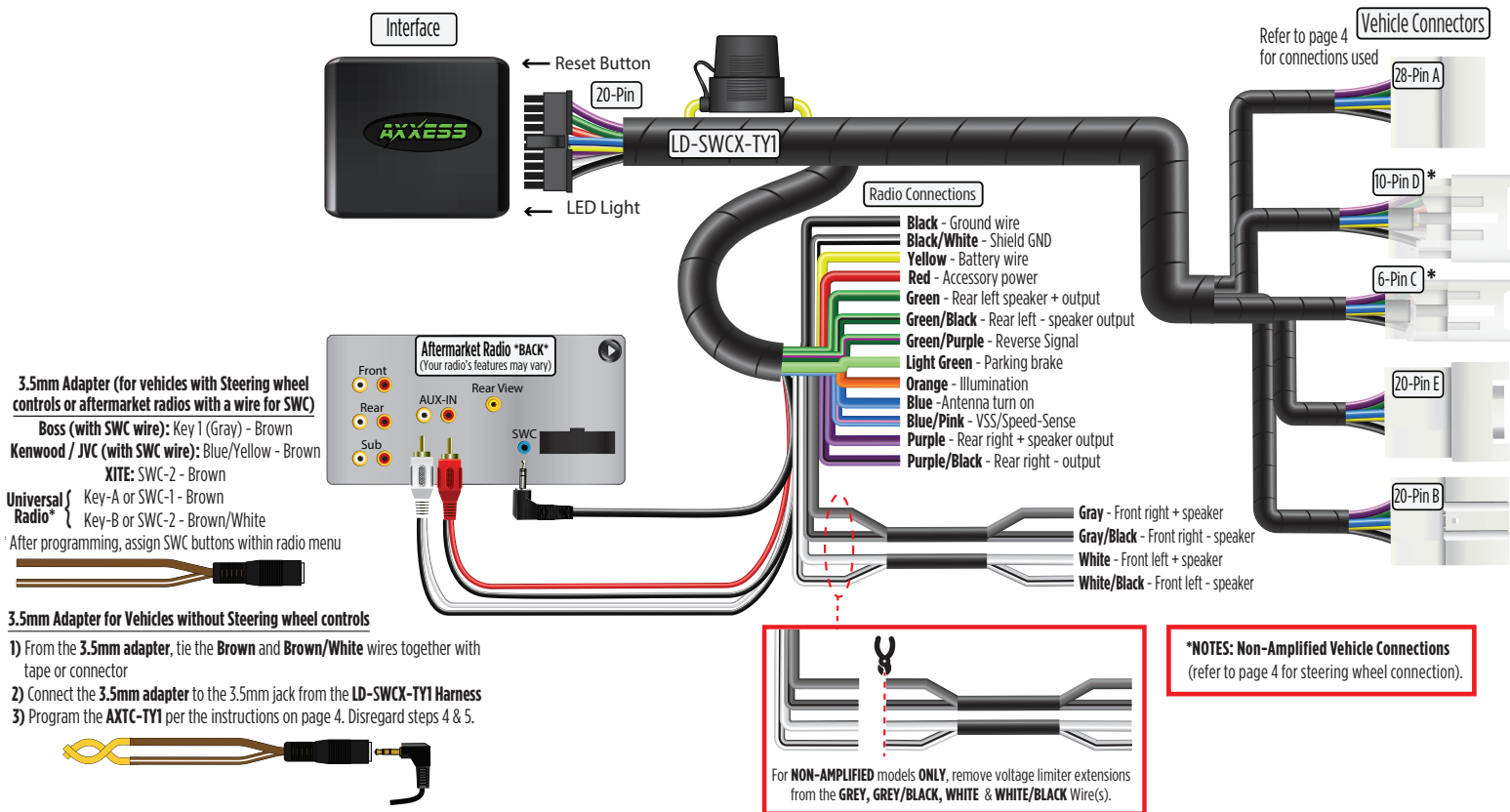
ES Series	2007-2012
ES Series (w/ multi disc)	2002-2006
IS Series	2002-2005
RX Series	2004-2008

TOYOTA

4-Runner	2003-2019
Avalon	2011-2018
(Camry) Solara	2004-2008
Camry (w/o nav)	2012-2013
Camry	2007-2017
Corolla	2003-2018
FJ Cruiser	2011-2014
Highlander	2008-2019
Matrix	2005-2012
Prius	2004-2011
Prius/Prius V (NAV)	2013-2016

Prius 3rd Gen (w/o nav)	2012-2015
Plug-In (PHV) (w/o nav)	2012-2015
RAV4	2004-2018
Sequoia	2005-2019
Sienna	2004-2017
Tacoma	2005-2019
Tundra	2006-2019
Tundra (Double Cab)	2004-2005
Venza (w/ SD card based nav)	2013-2014
Venza	2009-2016

INTERFACE CONNECTIONS

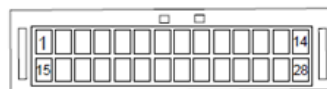


CONNECTION LIST AND CONNECTORS

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

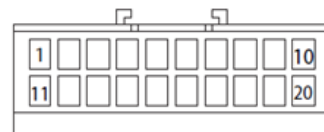
Insertion View: Refers to looking at the back of the connector where the wires go into the connector.

A



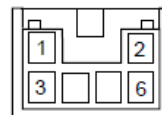
(Insertion View)

B



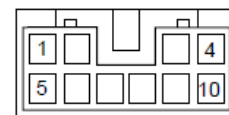
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C



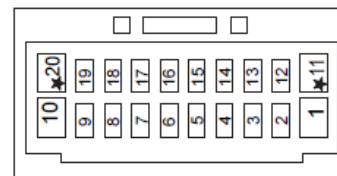
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D







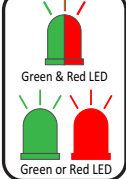
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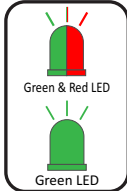
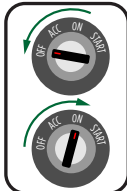

E



(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 programing 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

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

QR Code Scan Here



Further troubleshooting steps and information can be located at:

axxessinterfaces.com/product/AXTC-TY1

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 - 5:00 PM

Sunday: 10:00 AM - 4:00 PM



**Metra recommends MECP
certified technicians**