# AX-TYAMP1
# Lexus/Toyota Amp Interface
# 2001-2015

## INTERFACE FEATURES

- Pre-wired ASWC-1 harness (ASWC-1 sold separately)
- Retains the factory AUX-IN jack (less Avalon 2005-2010)
- Designed for amplified models
- Retains balance
- Micro "B" USB updatable

## INTERFACE COMPONENTS

- AX-TYAMP1 interface • AX-TYAMP1 harness
- ASWC-1/AUX-IN harness

## TOOLS REQUIRED

- Wire cutter • Crimp tool • Solder gun • Tape
- Connectors (example: butt-connectors, bell caps, etc.)

## APPLICATIONS

| LEXUS | | TOYOTA | | TOYOTA (CONT) | | TOYOTA (CONT) | |
|---|---|---|---|---|---|---|---|
| ES Series | 2007-2012 | 4-Runner | 2003-2013 | Highlander | 2008-2013 | Sequoia (w/o nav) | 2013 |
| ES Series | | Avalon ‡ | 2005-2010 | Matrix | 2005-2012 | Sienna | 2004-2014 |
| (w/ multi disc) | 2002-2006 | Avalon | 2011-2012 | Prius 3rd Gen | | Tacoma | 2005-2013 |
| GS Series * | 2001-2005 | (Camry) Solara | 2004-2008 | (w/o nav) | 2012-2015 | Tundra | 2006-2013 |
| IS Series | 2002-2005 | Camry | | Plug-In (PHV) | | Tundra (Double Cab) | |
| LS Series † | 2001-2006 | (w/o nav) | 2012-2013 | (w/o nav) | 2012-2015 | | 2004-2005 |
| RX Series | 2004-2008 | Camry | 2007-2011 | Prius | 2004-2011 | Venza (w/ SD card | |
| SC Series * | 2002-2010 | Corolla | 2003-2011 | Rav-4 | 2004-2014.5 | based nav) | 2013-2014 |
| | | FJ Cruiser | 2011-2014 | Sequoia | 2005-2012 | Venza | 2009-2012 |

*These models require the ASWC-TOY-LEX (sold separately) instead of the ASWC-1 (sold separately) to retain steering wheel controls. The ASWC-1/AUX-IN harness will not be used in these applications.

† Steering wheel controls cannot be retained in this application.

‡ The ASWC-1/AUX-IN harness will not be used in this application.

**CAUTION!** *All accessories, switches, climate controls panels, and especially air bag indicator lights must be connected before cycling the ignition. Also, do not remove the factory radio with the key in the on position, or while the vehicle is running.*

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# Connections to be made

**From the AX-TYAMP1 harness to the aftermarket radio:**

- Connect the **Black** and **Black/White** wire to the ground wire.

  **Note:** If installing an ASWC-1, there will be a ground wire on the ASWC-1/AUX-IN harness to connect as well.

- Connect the **Yellow** wire to the battery wire.

- Connect the **Red** wire to the accessory wire.

  **Note:** If installing an ASWC-1 (sold separately), there will be an accessory wire on the ASWC-1/AUX-IN harness to connect as well.

- Connect the **Blue/White** wire to the amp turn on wire. This wire must be connected to hear sound from the factory amplifier.

- Connect the **Blue** wire to the power antenna wire.

- If the aftermarket radio has an illumination wire, connect the **Orange** wire to it.

- Connect the **Gray** wire to the right front positive speaker output.

- Connect the **Gray/Black** wire to the right front negative speaker output.

- Connect the **White** wire to the left front positive speaker output.

- Connect the **White/Black** wire to the left front negative speaker output.

**From the ASWC-1/AUX-IN harness to the aftermarket radio:**

- This harness is to be used along with the optional ASWC-1 (not included) to retain steering wheel audio controls. If the ASWC-1 is not being used, disregard this harness, unless AUX-IN is desired to be retained. If it will be used, please refer to the ASWC-1 instructions for radio connections and programming.

  **Note:** *Disregard the harness that comes with the ASWC-1.*

  **Note:** *Not applicable for the Toyota Avalon 2005-2010.*

- Connect the **Black** wire to the ground wire.

- Connect the **Red** wire to the accessory wire.

- This harness will work with both early and late generation model Toyota SWC harnesses. Early generation models use a 20-pin harness; late generation models use a 28-pin harness. Use only the appropriate harness that the vehicle requires (only one of the harnesses will connect into the wiring harness in the vehicle). The 12-pin harness will connect into the ASWC-1.

- If retaining the factory AUX-IN jack, connect the **Red** & **White** RCA jacks to the AUX input.

# Installing the AX-TYAMP1

**With the key in the off position:**

• Connect the AX-TYAMP1 harness into the interface, and then to the wiring harness in the vehicle.

• Connect the ASWC-1/AUX-IN harness to the wiring harness in the vehicle.

**Note:** *If using the ASWC-1, connect it after you test the AX-TYAMP1, with the key in the off position.*

**Note:** *Not applicable for the Toyota Avalon 2005-2010.*

# Testing the AX-TYAMP1

• Turn the key (or push-to-start button) to the ignition position and wait until the radio comes on. The factory amplifier should come on and you should hear sound at this point.

• Test all functions of the installation for proper operation, before reassembling the dash.

**Note:** *Fade control will not be retained with this interface.*

## IMPORTANT

If you are having difficulties with the installation of this product, please call our Tech Support line at **1-800-253-TECH**. Before doing so, look over the instructions a second time, and make sure the installation was performed exactly as the instructions are stated. Please have the vehicle apart and ready to perform troubleshooting steps before calling.

**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.com or call 800-354-6782 for more information and take steps toward a better tomorrow.

**Metra recommends MECP certified technicians**