# Audi **Data Interface with SWC 2002-2013**

## INTERFACE FEATURES

- Provides accessory power (10-amp)
- Provides illumination output
- Provides wires for multimedia radios (park brake, reverse, speed sense)
- 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)
- Micro-B USB updatable

## INTERFACE COMPONENTS

- AXTC-A12 interface
- LD-AX-SWCX-AU1 Harness
- LD-AX-SWCX-AU2 Harness
- 3.5mm Adapter

## APPLICATIONS

**Applications below use**
**LD-AX-SWCX-AU1 Harness:**

| | |
|---|---|
| A3 **(1)** | 2006-2013 |
| A4/RS 4/S4 (with NAV) | 2005-2008 |
| A4/RS 4/S4 | 2007-2008 |
| A4/RS 4/S4 | 2006 |
| TT | 2008-2013 |

**Applications below use**
**LD-AX-SWCX-AU2 Harness:**

| | |
|---|---|
| A3 **(2)** | 2006-2007 |
| A4/S4 **(3)** | 2002-2006 |
| A6 | 2004 |
| Allroad | 2004-2005 |
| TT | 2002-2006 |

**(1)** With either Symphony Plus or NAV radio.
**(2)** With Concert radio (without NAV)
**(3)** With Symphony radio (without NAV)

## TABLE OF CONTENTS

Connections
LD-AX-SWCX-AU1 ..... 2
LD-AX-SWCX-AU2 ..... 3
Programming ..... 4
Troubleshooting ..... 5

## TOOLS REQUIRED

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

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

**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.**


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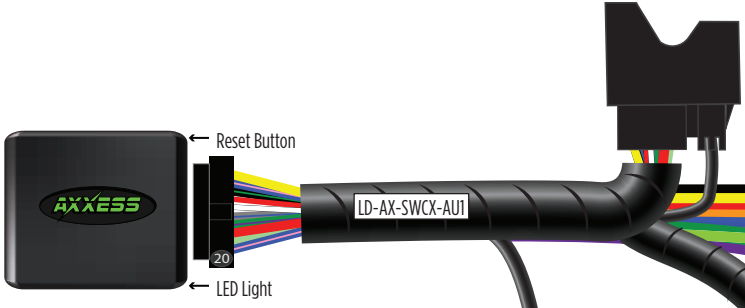
# CONNECTIONS: LD-AX-SWCX-AU1 DIAGRAM




### 3.5mm Adapter (for radios with a wire for SWC)

**Eclipse:** Brown - Brown/White **/** Brown/White - Brown
**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

### 3.5mm Jack

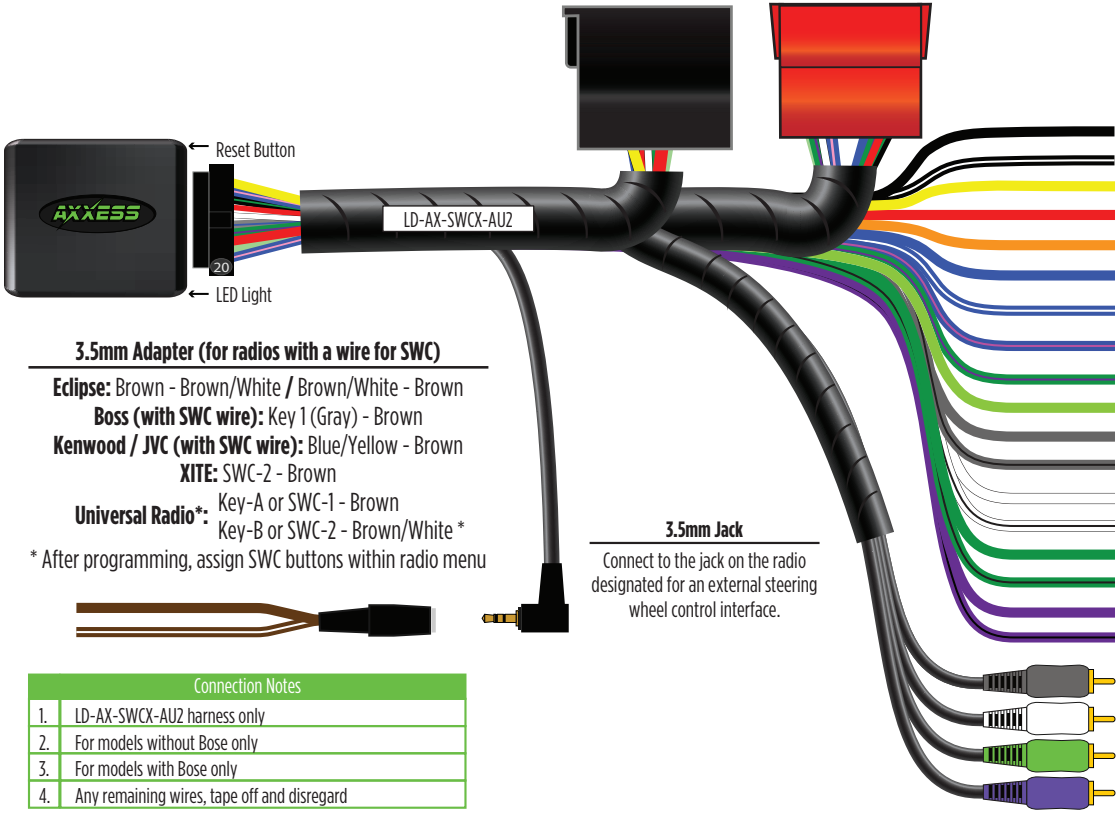
Connect to the jack on the radio designated for an external steering wheel control interface.

| Connection Notes | |
|---|---|
| 1. | LD-AX-SWCX-AU1 harness only |
| 2. | For models without Bose only |
| 3. | For models with Bose only |
| 4. | Any remaining wires, tape off and disregard |

### Radio Connections

**Black** - Ground
**Black/White** - Ground **(1)**
**Yellow** - Battery power
**Red** - Accessory power
**Orange** - Illumination
**Blue** - Amp turn-on **(1)**
**Blue/White** - Amp turn-on
**Blue/Pink** - VSS/Speed-Sense
**Green/Purple** - Reverse signal
**Light Green** - Parking brake
**Gray** – Front right speaker + **(2)**
**Gray/Black** – Front right speaker - **(2)**
**White** – Front left speaker + **(2)**
**White/Black** – Front left speaker -**(2)**
**Green** – Rear left speaker + **(2)**
**Green/Black** – Rear left speaker - **(2)**
**Purple** – Rear right speaker + **(2)**
**Purple/Black** – Rear right speaker – **(2)**
**Gray RCA Jack** – Front right output **(3)**
**White RCA Jack** – Front left output **(3)**
**Green RCA Jack** – Rear left output
**Purple RCA Jack** – Rear right output

# CONNECTIONS: LD-AX-SWCX-AU2 DIAGRAM




**3.5mm Adapter (for radios with a wire for SWC)**

**Eclipse:** Brown - Brown/White / Brown/White - Brown
**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

**3.5mm Jack**

Connect to the jack on the radio designated for an external steering wheel control interface.

| Connection Notes | |
|---|---|
| 1. | LD-AX-SWCX-AU2 harness only |
| 2. | For models without Bose only |
| 3. | For models with Bose only |
| 4. | Any remaining wires, tape off and disregard |

**Radio Connections**

**Black** - Ground
**Black/White** - Ground **(1)**
**Yellow** - Battery power
**Red** - Accessory power
**Orange** - Illumination
**Blue** - Amp turn-on **(1)**
**Blue/White** - Amp turn-on
**Blue/Pink** - VSS/Speed-Sense
**Green/Purple** - Reverse signal
**Light Green** - Parking brake
**Gray** – Front right speaker + **(2)**
**Gray/Black** – Front right speaker - **(2)**
**White** – Front left speaker + **(2)**
**White/Black** – Front left speaker -**(2)**
**Green** – Rear left speaker + **(2)**
**Green/Black** – Rear left speaker - **(2)**
**Purple** – Rear right speaker + **(2)**
**Purple/Black** – Rear right speaker – **(2)**
**Gray RCA Jack** – Front right output **(3)**
**White RCA Jack** – Front left output **(3)**
**Green RCA Jack** – Rear left output
**Purple RCA Jack** – Rear right output

# PROGRAMMING

1.

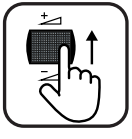
Open the driver's door, and keep open during the programming process.

2.

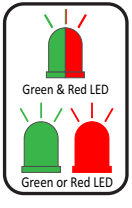

Turn the key (or push-to-start button) to the ignition "ON" position.

3.

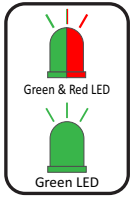
Connect either the **LD-AX-SWCX-AU1** or **LD-AX-SWCX-AU2** harness to the **AXTC-A12 interface**, and then to the wiring harness in the vehicle.

4. 

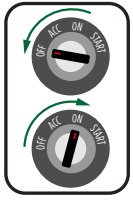
Program the interface by scrolling the **Volume Wheel** up at a heartbeat pace until the LED light stops flashing.

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.

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. 

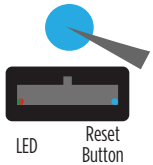

Cycle the ignition off, then back to the ignition "ON" position.

8.

Test all functions of the installation for proper operation.

# 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.

**2.** **Radio 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

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**Metra recommends MECP certified technicians**


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