



INSTALLATION INSTRUCTIONS FOR PART ASWC-TOY-LEX

ASWC-TOY-LEX

Axxess Steering Wheel Control interface for select Toyota and Lexus vehicles

APPLICATIONS

See inside front cover

FEATURES

- One Interface does it all - No additional interfaces needed
- Automatically programs the buttons on the steering wheel
- Auto detects what radio it's connected to
- Works with most major radio brands
- USB updatable
- All connections are made behind the radio
- Non-volatile memory retains settings even if battery is disconnected or interface is removed from the vehicle

INTERFACE COMPONENTS

- ASWC-TOY-LEX interface
- 12-pin harness with male 3.5mm to 12 and 6-pin harness
- Female 3.5mm connector with Brown and Brown/White wires
- 12k ohm resistor

TOOLS REQUIRED

- Cutting tool
- Crimping tool
- Tape
- Connectors (example: butt-connectors, bell caps, etc.)

CAUTION: Metra recommends disconnecting the negative battery terminal before beginning any installation. All accessories, switches, and especially air bag indicator lights must be plugged in before reconnecting the battery or cycling the ignition.

NOTE: Refer to the instructions included with the aftermarket radio.



ASWC-TOY-LEX

Applications

TOYOTA

Avalon	2003-2004
Prius	2001-2003
Sienna	1999-2003

LEXUS

GS300	1998-2005
GS430	2001-2005
LX470	2001-2002
SC430	2002-2009

Installation

Into vehicle

- 1) Connect the **Black** wire of the ASWC-TOY-LEX to ground. You may use the same grounding point as the aftermarket radio.
- 2) Connect the **Red** wire of the ASWC-TOY-LEX to a 12 volt accessory wire, one that turns on and off with the ignition key.
- 3) Depending on the vehicle you are in connect either the 6-pin or 12-pin connector to the mating vehicle harness.

To radio

- 1) For the radios below, plug the included female 3.5mm connector with the **Brown** and **Brown/White** wires into the male 3.5mm connector of the ASWC-TOY-LEX harness.
 - **For Eclipse radios:** Connect the Eclipse steering wheel control wires (normally **Brown** and **Brown/Black**) to the **Brown** and **Brown/White** wires of the ASWC-TOY-LEX. Brown of the ASWC-TOY-LEX goes to the **Brown/Black** of the Eclipse and **Brown/White** of the ASWC-TOY-LEX goes to the **Brown** of the Eclipse.
 - **For Metra OE:** Connect the SWC Key 1 wire (**Grey**) to the **Brown** wire of the ASWC-TOY-LEX. Isolate and tape the **Brown/White** wire, it will not be used.
 - **For Kenwood or select JVC's with a Blue/Yellow steering wheel control wire:** Connect the Kenwood/JVC steering wheel control wire to the **Brown** wire of the ASWC-TOY-LEX. Isolate and tape the **Brown/White** wire, it will not be used.



ASWC-TOY-LEX

Installation

Note: Some of the newer Kenwood radios will auto detect as a JVC. If this is the case, use the included 12k ohm resistor in line between the Blue/Yellow and Brown wire of the female 3.5mm jack during programming only (remove resistor once programmed).

- 2) **For Parrot Asteroid Smart or Tablet:** Connect the ASWC-TOY-LEX male 3.5mm jack into the AX-SWC-PARROT (sold separately) female 3.5mm jack and plug the 4-pin end into the corresponding SWC plug on the radio.

Note: AX-SWC-PARROT **required** (sold separately) and radio **must be updated to rev 2.1.4 or higher.**

- 3) **For all other radios:** Plug in the male 3.5mm connector of the ASWC-TOY-LEX into the back of the aftermarket radio, designated for an external steering wheel control interface. Please refer to the aftermarket radios manual if you are in doubt where the 3.5mm connector of the ASWC-TOY-LEX goes.
- 4) Once all connections have been made, plug in the aftermarket radio if not done already.

Programming

The ASWC-TOY-LEX will auto program itself through Auto Detect Mode.

- 1) Turn the ignition on and wait until the LED on the ASWC-TOY-LEX goes solid (about twenty seconds).

Note: Do not press any buttons on the steering wheel or radio during this time.

Programming

- 2) Once solid, the ASWC-TOY-LEX should be working.

Note: The ASWC-TOY-LEX will give you two sets of LED feedback reports. The first set of flashing green LED lights is for knowing the vehicle type and the second set of red flashing LED lights is for knowing the radio type. Knowing the vehicle type is irrelevant as this interface is pre-programmed for vehicles in the application list only. But knowing the radio type is important for troubleshooting if the ASWC-TOY-LEX does not work. Please see the below Radio Legend for LED feedback information for radio type.

Troubleshooting

- 1) Confirm that the 3.5mm connector is connected to your radio securely and in the correct location.
- 2) If using the female 3.5mm connector in Eclipse, Kenwood, select JVC, or Metra OE radios, verify that the radio's steering wheel control wire is connected to the correct wire to the ASWC-TOY-LEX.

Note: Not every radio will have all the possible SWC commands on the steering wheel. Please refer to the radio owner's manual or contact the radio vendor for specific commands that the radio will recognize.



INSTALLATION INSTRUCTIONS FOR PART ASWC-TOY-LEX

Radio legend

1st LED flash is for Eclipse (type 1)	6th LED flash is for Pioneer & Jensen	11th LED flash is for Metra OE
2nd LED flash is for Kenwood	7th LED flash is for Alpine*	12th LED flash is for Eclipse (type 2)
3rd LED flash is for Clarion (type 1)	8th LED flash is for Visteon	13th LED flash is for LG
4th LED flash is for Sony and Dual	9th LED flash is for Valor	14th LED flash is for PARROT
5th LED flash is for JVC	10th LED flash is for Clarion (type 2)	15th LED flash is for XITE

***Note:** If the ASWC-1 flashes 7 times and you do not have an Alpine radio connected to it that means that the ASWC-1 did not see any radio connected. Verify the 3.5mm connector is connected to the steering wheel control input into the radio.

****Note:** The AX-SWC-PARROT is required (sold separately).

Resetting the SWC buttons

Resetting the SWC Buttons back to default

- 1) Turn the ignition on, and wait three seconds.
- 2) Press the reset button for three seconds, then let go.
- 3) Once flashing fast, wait until the LED on the ASWC-TOY-LEX goes solid (about twenty seconds).

Note: • Do not press any buttons on the steering wheel or radio during this time.

• If the ASWC-TOY-LEX does not flash fast the Reset button was not depressed properly.

- 4) Once solid, the ASWC-TOY-LEX is reset and should be working with default settings.

IMPORTANT WARNING

This product includes instructions for installation which must be carefully followed. The instructions are worded in such a manner to assume that the installer is capable of completing these type of electronic installations. If you are unclear as to what you are instructed to do or believe that you do not understand the instructions so as to properly and safely complete the installation you should consult a technician who does have this knowledge and understanding.



Metra recommends MECP
certified technicians