



## Chrysler SWC (Steering Wheel Control) and Data Interface 2004-Up

### INTERFACE FEATURES

- Provides accessory power (10-amp)
  - Provides wires for multimedia radios (park brake, reverse, speed sense)
  - Retains audio controls on the steering wheel
  - Can be used in both amplified and non-amplified models
  - Retains balance and fade (†)
  - 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)
  - Provides illumination output
  - Micro-B USB updatable
- (†) Non-amplified models only

### INTERFACE COMPONENTS

- AXTC-CH13 interface • LD-SWCX-6502 harness • LD-SWCX-6522 harness • 3.5mm adapter

### APPLICATIONS

See inside front cover

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### TOOLS & INSTALLATION ACCESSORIES REQUIRED

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

### Product Info



# APPLICATIONS

## LD-SWCX-6502 APPLICATIONS

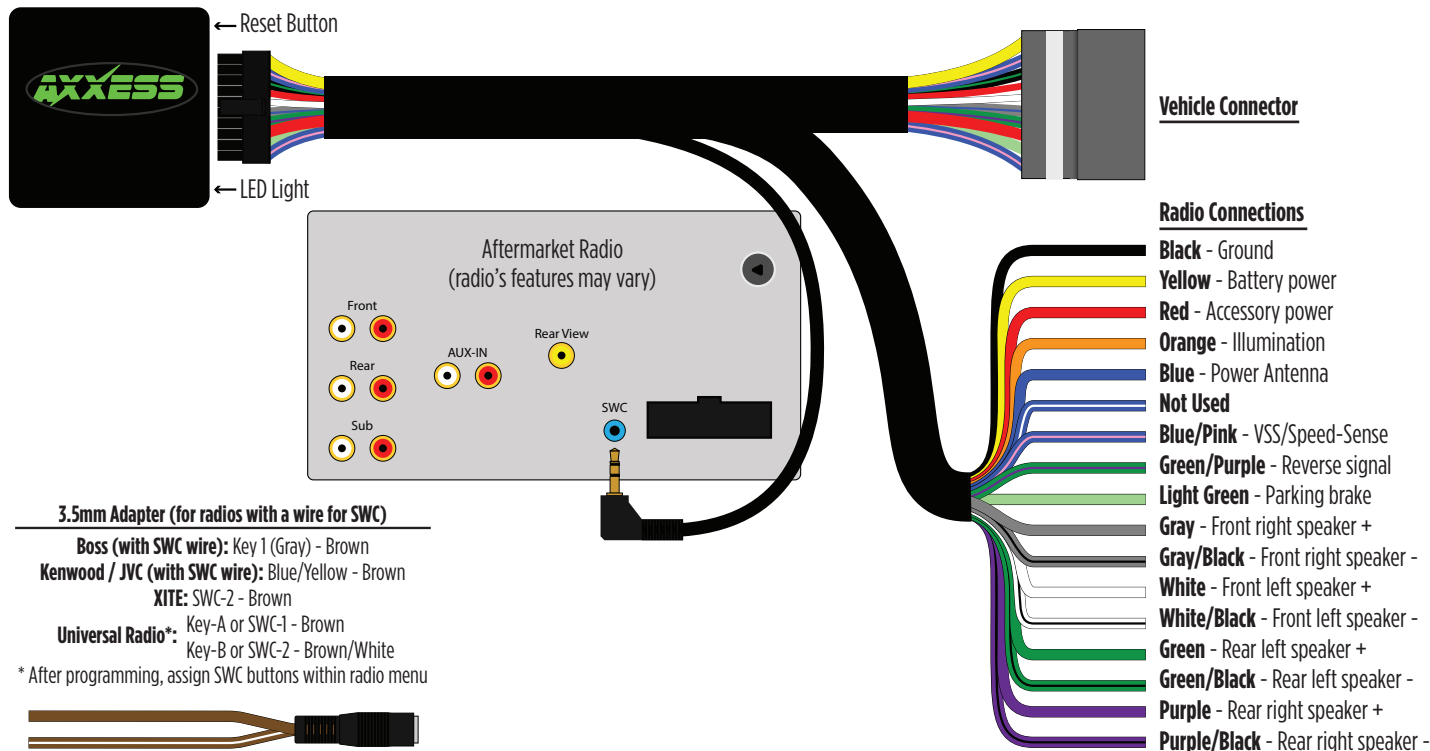
<b>Chrysler</b>		<b>Jeep</b>	
300	2005-2007	Commander	2006-2007
Aspen	2007	Compass	2007-2008
PT Cruiser	2006-2010	Grand Cherokee	2005-2007
		Patriot	2007-2008
<b>Dodge</b>		<b>Mitsubishi</b>	
Caliber	2007-2008	Raider	2006-2007
Charger	2006-2007		
Dakota	2005-2007		
Durango	2004-2007		
Magnum	2005-2007		
Ram 1500	2006-2008		
Ram 2500/3500	2006-2009		
Ram Chassis Cab 4500/5500	2008-2010		

## LD-SWCX-6522 APPLICATIONS

<b>Chrysler</b>		<b>Jeep</b>	
200	2011-2014	Commander	2008-2010
300	2008-2010	Compass	2009-2017.5
Aspen	2008-2009	Grand Cherokee	2008-2013
Sebring	2007-2010	Liberty	2008-2012
Town & Country	2008-2017	Patriot	2009-2017
		Wrangler*	2018
<b>Dodge</b>		Wrangler Unlimited*	2018
Avenger	2008-2014	Wrangler	2007-2017
Caliber	2009-2012	Wrangler Unlimited	2007-2017
Caravan, Grand Caravan	2008-up		
Challenger	2008-2014	* JK body type	
Charger	2008-2010	<b>Mitsubishi</b>	
Dakota	2008-2011	Raider	2008-2009
Durango	2008-2013		
Journey	2009-2010	<b>Ram</b>	
Magnum	2008-2009	1500/2500/3500	2012
Nitro	2007-2011	Chassis Cab 3500/4500/5500	2012
Ram 1500	2009-2011	C/V Tradesman	2012-2015
Ram 2500/3500	2010-2011	<b>Volkswagen</b>	
Ram Chassis Cab 4500/5500	2011	Routan	2009-2013

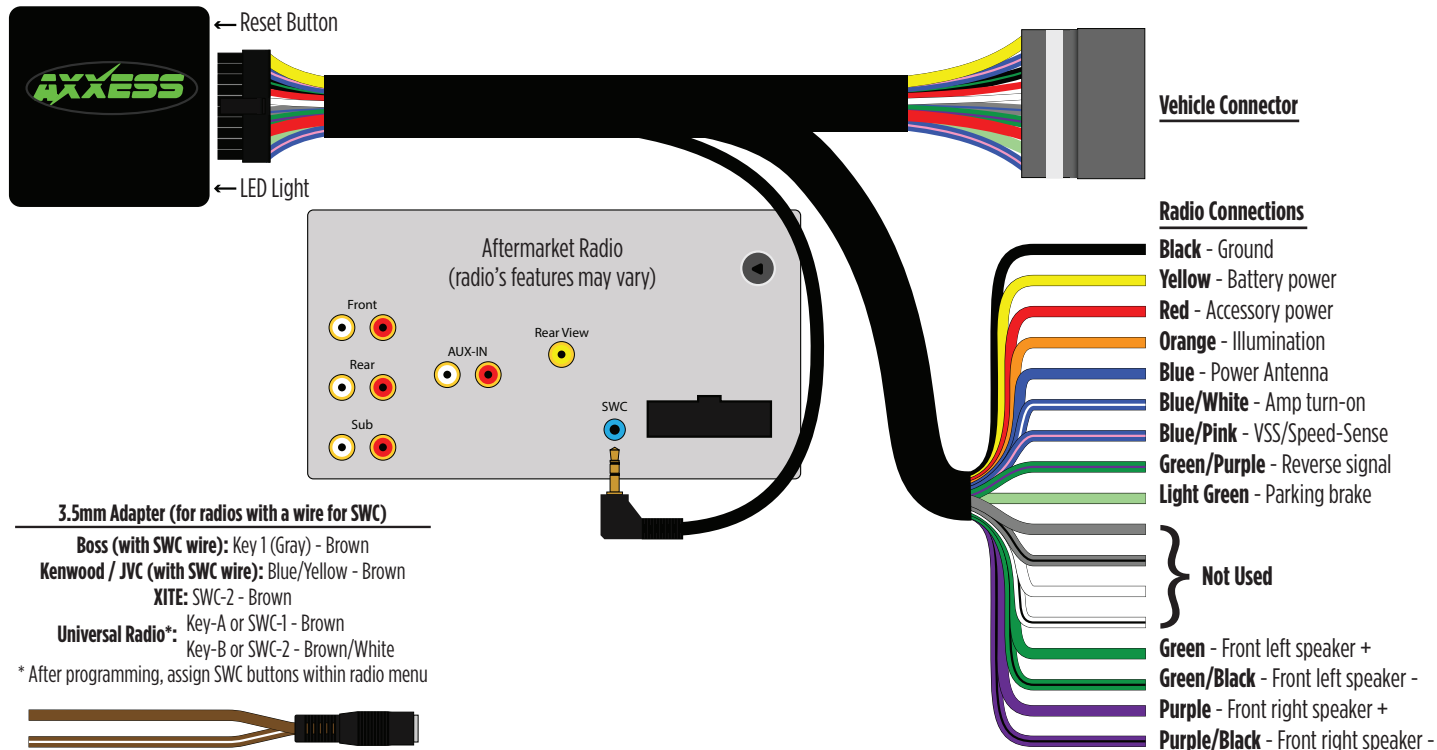
# LD-SWCX-6502 CONNECTIONS

## Without Factory Amp



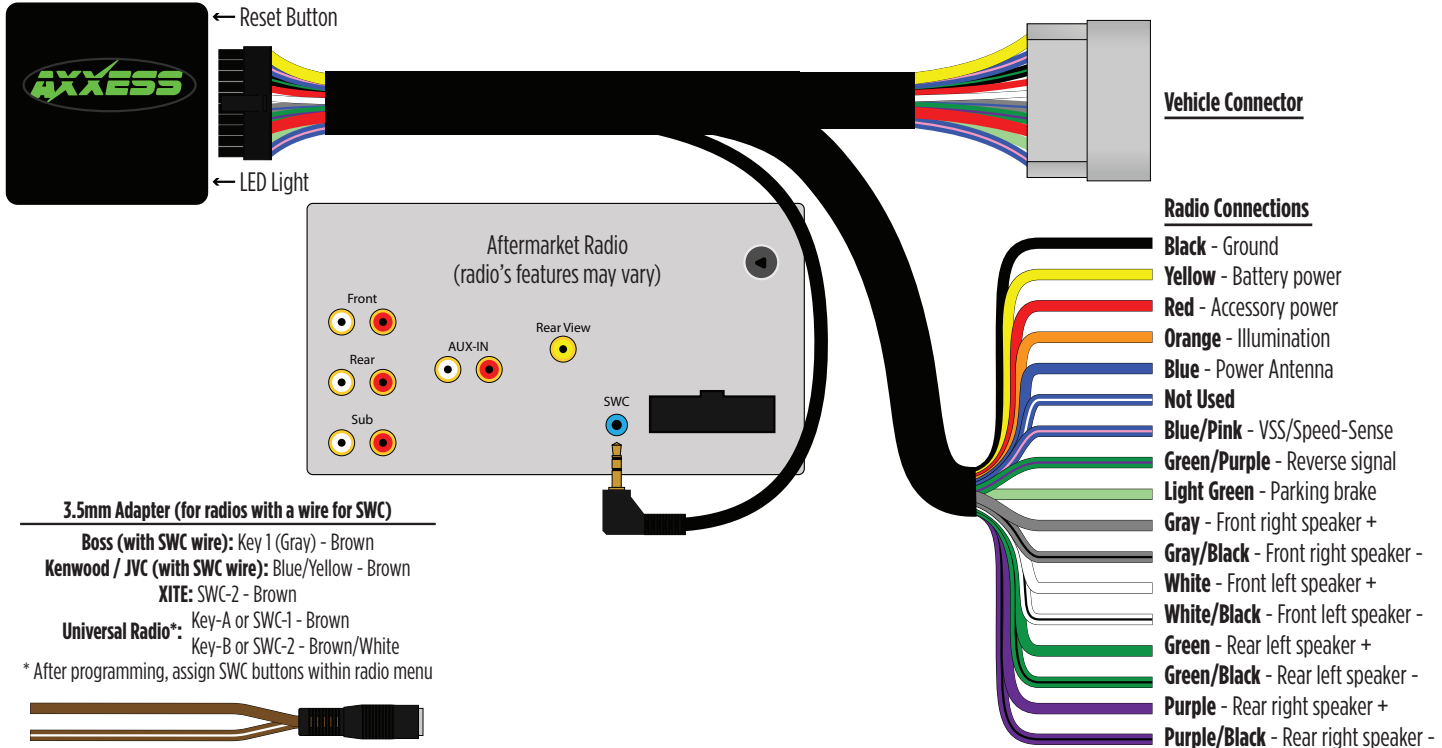
# LD-SWCX-6502 CONNECTIONS

## With Factory Amp



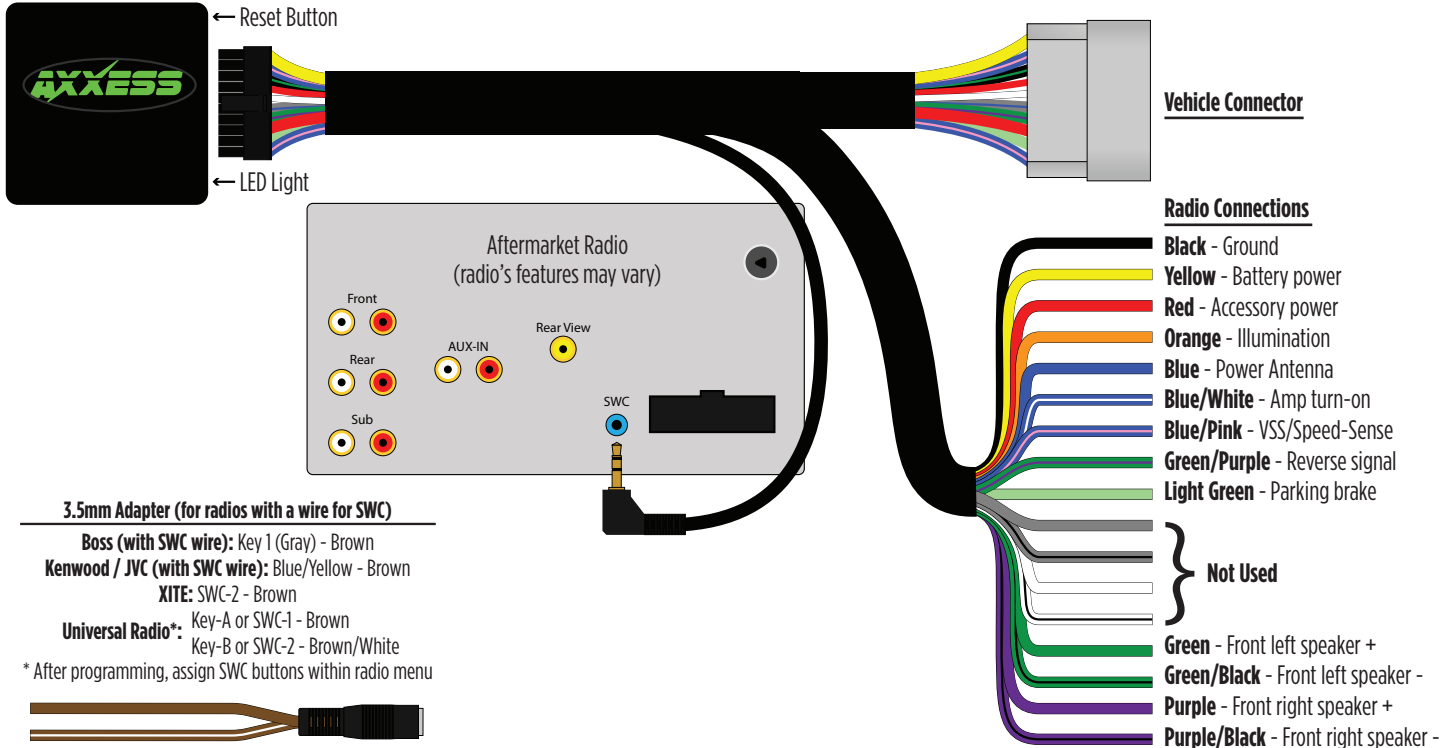
# LD-SWCX-6522 CONNECTIONS

## Without Factory Amp





# LD-SWCX-6522 CONNECTIONS


## With Factory Amp





# PROGRAMMING

- 


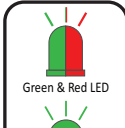
1. Open the driver's door, and keep open during the programming process.
- 

2. Cycle the ignition on.
- 

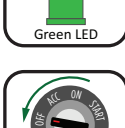
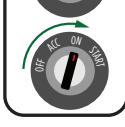
3. Connect the appropriate **LD-SWCX harness** to the **AXTC-CH13 interface**, and then to the wiring harness in the vehicle.
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4. Locate the **Volume Up** button behind the steering wheel on the right hand side. Program the interface by tapping the **Volume Up** button at a heartbeat pace until the LED light stops flashing.
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5. The LED light will flash **Green & Red** while the interface programs the radio to the steering wheel controls. Once programmed, the LED light will go out, then produce a pattern which will identify the radio type installed.


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

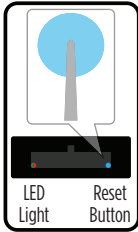

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7. Cycle the ignition off, then back on.
- 

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. **Final LED Feedback**

At the end of programming the LED light will turn **Solid Green** which indicates programming was successful. If the LED light 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 light shows **Solid Green** for **Pass** (indicating everything programmed correctly), yet the steering wheel controls don't work, check to ensure that the 3.5mm jack is plugged in, and also plugged into the correct jack on 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 - 7:00 PM

Sunday: 10:00 AM - 4:00 PM

QR Code Scan Here



Further troubleshooting steps and information can be located at:

[axxessinterfaces.com/product/AXTC-CH13](http://axxessinterfaces.com/product/AXTC-CH13)



**KNOWLEDGE IS POWER**

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