WIRING INSTRUCTIONS

From the aftermarket radio to the wiring harness:

- Connect the **Black** wire to the ground wire.
- Connect the **Yellow** wire to the battery wire.
- Connect the **Red** wire to the accessory wire.
- 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.

12-pin pre-wired ASWC-1 harness:

This harness is only to be used along with the ASWC-1 (sold separately) to retain handlebar audio controls. Please note that "handlebar control" is also referred to as "steering wheel control".

- For the radios listed below, connect the included *female 3.5mm connector with stripped leads* provided with the ASWC-1, to the male 3.5mm SWC jack. Any remaining wires tape off and disregard:

  - **Eclipse:** Connect the steering wheel control wire, normally **Brown**, to the **Brown/White** wire of the connector. Then connect the remaining steering wheel control wire, normally **Brown/White**, to the **Brown** wire of the connector.

- **Metra OE:** Connect the steering wheel control Key 1 wire **(Gray)** to the **Brown** wire.
- **Kenwood or select JVC with a steering wheel control wire:** Connect the **Blue/Yellow** wire to the **Brown** wire.
- **XITE:** Connect the steering wheel control SWC-2 wire from the radio to the **Brown** wire.
- **Parrot Asteroid Smart or Tablet:** Connect the 3.5mm jack into the AX-SWC-PARROT (sold separately), and then connect the 4-pin connector from the AX-SWC-PARROT into the radio.

  Note: *The radio must be updated to rev. 2.1.4 or higher software.*

- **Universal "2 or 3 wire" radio:** Connect the steering wheel control wire, referred to as Key-A or SWC-1, to the **Brown** wire of the connector. Then connect the remaining steering wheel control wire, referred to as Key-B or SWC-2, to the **Brown/White** wire of the connector. If the radio comes with a third wire for ground, disregard this wire.

  Note: *After the interface has been programmed to the vehicle, refer to the manual provided with the radio for assigning the SWC buttons. Contact the radio manufacturer for more information.*

- **For all other radios:** Connect the 3.5mm jack into the jack on the aftermarket radio designated for an external steering wheel control interface. Please refer to the aftermarket radios manual if in doubt as to where the 3.5mm jack goes to.

- **Program the ASWC-1:**

  a. Turn the ignition on, the LED will start flashing rapidly, which means the ASWC-1 is looking for the vehicle and the radio.

  Note: *If the LED did not start flashing rapidly, press the reset button for 3 seconds.*

  b. After a few seconds the LED should stop flashing rapidly, and then go out for approximately 2 seconds.

  c. After approximately 2 seconds there will be a series of 7 Green flashes, some short, and some long. The long flashes represent the wires that are connected to the ASWC-1.

  Tip: *Knowing this will help to troubleshoot, if need be.*

  d. The LED will pause for another 2 seconds, and then flash Red up to 18 times depending on which radio is connected to the ASWC-1. Refer to the L.E.D. feedback section for information.

  e. This is the end of the auto detection stage. If the ASWC-1 detected the vehicle and the radio successfully, the L.E.D. will light up solid.

  f. Test the handlebar controls for proper operation. Refer to the "Programming Information" document online at axxessinterfaces.com for customizing the buttons, if so desired.

L.E.D. Feedback

The (18) **Red** L.E.D. flashes represent which brand radio the ASWC-1 is connected to. Each flash represents a different radio manufacturer. For example, if you are installing a JVC radio, the ASWC-1 will flash Red (5) times, and then stop. Following is a legend that dictates which radio manufacturer corresponds to which flash.

L.E.D. Feedback Legend

1 flash - Eclipse (Type 1) [†]	7 flashes - Alpine *	13 flashes - LG
2 flashes - Kenwood [‡]	8 flashes - Visteon	14 flashes - Parrot **
3 flashes - Clarion (Type 1) [†]	9 flashes - Valor	15 flashes - XITE
4 flashes - Sony / Dual	10 flashes - Clarion (Type 2) [†]	16 flashes - Philips
5 flashes - JVC	11 flashes - Metra OE	17 flashes - TBD
6 flashes - Pioneer / Jensen	12 flashes - Eclipse (Type 2) [†]	18 flashes - JBL

* Note: *If the ASWC-1 flashes Red (7) times, and you do not have an Alpine radio connected to it, that means the ASWC-1 does not detect a radio connected it. Verify that the 3.5mm jack is connected to the correct steering wheel jack/wire in the radio.*

** Note: *The AX-SWC-PARROT is required (sold separately). Also, the Parrot radio must be updated to rev. 2.1.4 or higher through www.parrot.com.*
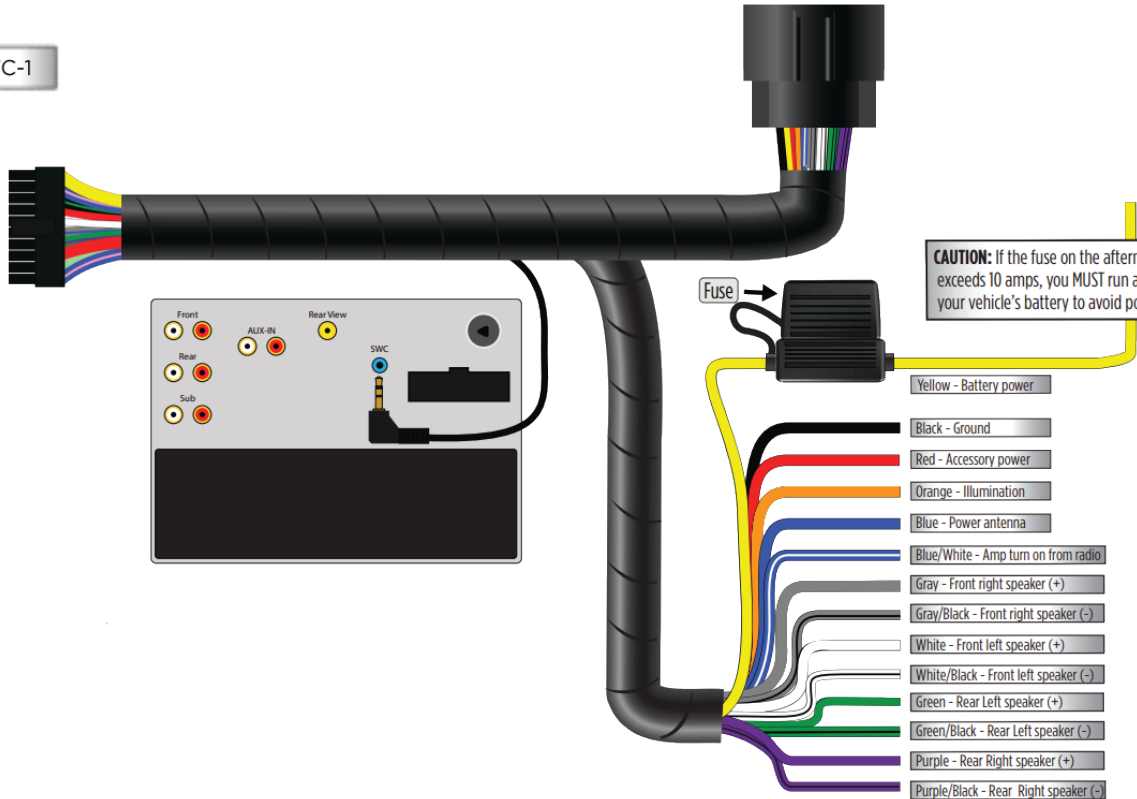
[†] Note: *If you have a Clarion radio and the handlebar controls do not work, change the radio type to the other Clarion radio type; same for Eclipse. Refer to the "Programming Information" document online.*

[‡] Note: *If you have a Kenwood radio and the L.E.D. feedback comes back as showing as a JVC radio, change the radio type to a Kenwood. Refer to the "Programming Information" document online.*

AXSWC   or   ASWC-1

(Sold separately)

AXXESS

Front
Rear
Sub

AUX-IN

Rear View

SWC

CAUTION: If the fuse on the aftermarket radio exceeds 10 amps, you MUST run a fused wire from your vehicle's battery to avoid potential damage.

Fuse →

Yellow - Battery power

Black - Ground

Red - Accessory power

Orange - Illumination

Blue - Power antenna

Blue/White - Amp turn on from radio

Gray - Front right speaker (+)

Gray/Black - Front right speaker (-)

White - Front left speaker (+)

White/Black - Front left speaker (-)

Green - Rear Left speaker (+)

Green/Black - Rear Left speaker (-)

Purple - Rear Right speaker (+)

Purple/Black - Rear Right speaker (-)

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

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.edu or call 386-672-5771 for more information and take steps toward a better tomorrow.

Metra recommends MECP certified technicians