AXSWC General Instructions

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

INTERFACE FEATURES

- One interface does it all, no additional interfaces needed
- 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
- Can be manually programmed for most vehicles
- Retains settings even after battery disconnection or interface removal
- All connections done at the radio location
- Micro-B USB updatable

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TOOLS REQUIRED

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

INTERFACE COMPONENTS

- AXSWC Interface
- AXSWC harness (12-pin harness with male 3.5mm jack)
- 3.5mm adapter

Attention! ***Let the vehicle sit with the key out of the ignition for a few minutes before removing the factory radio. When testing the aftermarket equipment, ensure that all factory equipment is connected before cycling the key to ignition.***

INSTALLATION PREPARATION

From **axxessinterfaces.com**, submit the vehicle information in the box titled **Vehicle Fit Guide & AXSWC Install Instructions**, then select **GET PARTS**. This will take you to a page where you will be notified if your vehicle will work or not with the AXSWC interface. If the interface is compatible, there will be a link under the green bar titled **AXSWC **** Wiring Instructions**. Click on this link to open the PDF document for your specific vehicle. Print this document to have with you in the vehicle during the installation.

Note: Though we have done extensive research, testing, and verifying that the steering wheel control wires from the vehicles listed are correct, it is still the Installer's responsibility to verify that the steering wheel control wires are truly correct. If a discrepancy is found, please notify our Tech Department at 386-257-1187, or techsupport@metra-autosound.com.

INSTALLATION

12-pin harness:

- Connect the **Black** wire to chassis ground.
- Connect the **Red** wire to the accessory power.
- Locate the steering wheel control wire(s) in the vehicles harness as noted in the AXSWC vehicle specific document. Connect this wire(s) to the AXSWC.

  Note: Axxess recommends that the wires are soldered for the best "copper-to copper" connection. Tapping style connectors are not recommended.

INSTALLATION *(CONT.)*

3.5mm jack:

- **Parrot:** Follow AXSWCH-PAR (sold separately) instructions.
- **For the radios listed below:** Connect the **3.5mm adapter**, to the male 3.5mm SWC jack from the **AXSWC harness**. Any remaining wires tape off and disregard.
  - **Eclipse:** Connect the steering wheel control wire, normally **Brown**, to the **Brown/White** wire from the connector. Then connect the remaining steering wheel control wire, normally **Brown/White**, to the **Brown** wire from 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.

    Note: If the **Kenwood** radio auto detects as a JVC, manually set the radio type to **Kenwood**. See the instructions under **Changing Radio Type**.
  - **XITE:** Connect the steering wheel control SWC-2 wire from the radio to the **Brown** wire.
  - **Universal "2 or 3 wire" radio:** Connect the steering wheel control wire, referred to as Key-A or SWC-1, to the **Brown** wire from the connector. Then connect the remaining steering wheel control wire, referred to as Key-B or SWC-2, to the **Brown/White** wire from the connector. If the radio comes with a third wire for ground, disregard this wire.

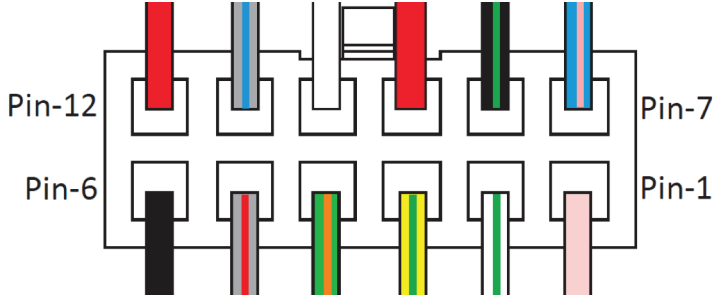
    Note: After the interface has been programmed to the vehicle, refer to the manual provided with the radio for assigning the SWC buttons. Contact the radio manufacturer for more information.
- **For all other radios:** Connect the 3.5mm jack from the **AXSWC harness** to the jack on the radio designated for an external steering wheel control interface. Refer to the aftermarket radios manual if in doubt as to where the 3.5mm jack goes to.

PROGRAMMING

- Program the AXSWC as noted in the AXSWC vehicle specific document.

WIRE DESCRIPTION

Pin Cavity	Wire Color	Input Description
1	Pink	CAN-HI or Serial Data
2	White/Green	Negative SWC
3	Yellow/Green	Positive SWC
4	Green/Orange	Negative SWC
5	Gray/Red	Negative SWC
6	Black	Chassis Ground
7	Blue/Pink	CAN-LO
8	Black/Green	Negative SWC
9	Red (skinny)	Tip of 3.5 jack
10	White (skinny)	Ring of 3.5 jack
11	Gray/Blue	Negative SWC
12	Red	Accessory Power



If you are having difficulties with the installation of this product, contact our Tech Support line either by phone at **386-257-1187**, or email at **techsupport@metra-autosound.com**. Before doing so, look over the instruction booklet a second time and ensure that the installation was performed exactly as the instruction booklet is stated. Have the vehicle apart and ready to perform troubleshooting steps before contacting Metra/Axxess Tech Support.

After the **AXSWC** interface has been programmed and functioning properly, the button assignment for the steering wheel controls may be reassigned. For example, **Seek Down** may be preferred to be **Mute** instead. This feature can be performed by either following the steps below, through a Windows based computer using the **Axxess Updater**, or through the **Axxess Updater** app available from the Android/Apple mobile devices app store.

Note: Apple mobile devices will require the use of the **AXHUB-1** for this feature.

Attention! If more than 20 seconds elapses between steps, the procedure will abort, and the light in the interface will go out. The interface may not function properly and may need to be reset and reprogrammed.

1. Cycle the ignition on and wait until the light flashes **Green** 1 time then goes out.
2. Immediately press and hold the **Volume Up** button on the steering wheel until the light turns solid **Green**, then release. The light will then go out indicating **Volume Up** has now been programmed.
3. Press and hold the **Volume Down** button on the steering wheel until the light turns solid **Green**, then release. The light will then go out indicating **Volume Down** has now been programmed.
4. Continue from **Seek Up / Next** in the **Button Function Legend** to reference the order in which the steering wheel control buttons must be programmed.

   Note: If a function in the legend is not present on the steering wheel, press the **Volume Up** button on the steering wheel until the light turns solid **Green**, then release. This will tell the interface to skip that function.
5. To complete the remapping process, press and hold the **Volume Up** button on the steering wheel until the light turns solid **Green**, then goes out. Release the **Volume Up** button at this point. The remapping process is now complete.

Button Function Legend

Function #	Function	Function #	Function
1	Volume Up	10	Band
2	Volume Down	11	Play / Enter
3	Seek Up / Next	12	PTT (push to talk)
4	Seek Down / Previous	13	On Hook
5	Source / Mode	14	Off Hook
6	Mute	15	Fan Up *
7	Preset Up	16	Fan Down *
8	Preset Down	17	Temp Up *
9	Power	18	Temp Down *

** Not applicable in this application*

Note: Certain radios may not have these commands. Please refer to the manual provided with the radio, or contact the radio Manufacturer for specific commands recognized by that particular radio.

AXSWC

Dual Assignment (long button press)

The **AXSWC** interface has the capability to assign (2) functions to a single button except for **Volume Up** and **Volume Down**, after the interface has been programmed and is fully functional. This feature can be performed by either following the steps below, through a Windows based computer using the **Axxess Updater**, or through the **Axxess Updater** app available from the Android/Apple mobile devices app store.

Notes:

a) **Seek Up** and **Seek Down** come pre-programmed as **Preset Up** and **Preset Down** for a long button press.

b) Apple mobile devices will require the use of the **AXHUB-1** for this feature.

Attention! If more than 10 seconds elapses between steps, the procedure will abort, and the light in the interface will go out. The interface may not function properly and may need to be reset and reprogrammed.

1. Program the interface to the vehicle following the vehicle specific document.
2. Turn the radio off.
3. Cycle the key off, then back on.
4. Wait until the light flashes **Green** 1 time then goes out.
5. Press and hold the desired SWC button for dual assignment for 10 seconds (or until the light flashes rapidly **Green**), then release. The light will turn solid **Green** indicating the interface is in **Dual Assignment** mode.
6. Reference the **Dual Assignment Legend**. Press and release the **Volume Up** button on the steering wheel the number of times related to the desired feature for a long button press.
7. Press and release the SWC button from step 5. The light will go out indicating the information has been stored to memory.
8. Repeat from step 5 to select another SWC button for dual assignment.
9. To reset an SWC button back to its default state, repeat steps 3 and 4, then press and release the **Volume Down** button on the steering wheel. The light will go out, and the dual assignment feature for that button will be erased.

Dual Assignment Legend

Function #	Function	Function #	Function
1	Volume Up *	10	Band
2	Volume Down *	11	Play / Enter
3	Seek Up / Next	12	PTT
4	Seek Down / Previous	13	On Hook
5	Mode / Source	14	Off Hook
6	ATT / Mute	15	Fan Up *
7	Preset Up	16	Fan Down *
8	Preset Down	17	Temp Up *
9	Power	18	Temp Down *

* Not applicable in this application

If the **AXSWC** inteface detected the vehicle properly, yet the sequence of light flashes do not match the radio installed, then the radio must be manually assigned to the interface. This feature can be performed by either following the steps below, through a Windows based computer using the **Axxess Updater**, or through the **Axxess Updater** app available from the Android/Apple mobile devices app store.

Note: Apple mobile devices will require the use of the **AXHUB-1** for this feature.

Attention! If more than 10 seconds elapses between steps, the procedure will abort, and the light in the inteface will go out. The interface may not function properly and may need to be reset and reprogrammed.

1. Program the interface to the vehicle following the vehicle specific document.
2. Turn the radio off.
3. Cycle the key off, then back on.
4. Wait until the light flashes **Green** one time then goes out.
5. Press and hold the **Volume Down** button on the steering wheel until the light turns solid **Red**, then release. The light will then go out indicating the interface is in **Changing Radio Type** mode.
6. Reference the **Radio Legend** for the radio number preferred.
7. Press and hold the **Volume Up** button on the steering wheel until the light turns solid **Red**, then release. Radio number 1 has now been programmed. Repeat this step for the desired radio.
8. Once the desired radio has been selected, press and hold the **Volume Down** button on the steering wheel until the light turns solid **Red**. The light will remain solid **Red** for 3 seconds while it stores the new radio information. After the light goes out, turn the radio on and test the steering control wheel controls.

Radio Legend

Radio #	Radio	Radio #	Radio
1	Eclipse (Type 1)	13	LG
2	Kenwood	14	Parrot
3	Clarion (Type 1)	15	XITE
4	Boss (Type 1) / Dual / Sony	16	Phillips
5	JVC	17	Kicker
6	Pioneer / Jensen	18	JBL
7	Alpine	19	Insane Audio
8	Visteon / Boss (Type 4)	20	Magnadyne
9	Valor	21	Boss (Type 3)
10	Clarion (Type 2)	22	Axxera (resistive SWC)
11	Boss (Type 2) / Metra OE	23	Axxera (data SWC)
12	Eclipse (Type 2)		

AXSWC
Radio Troubleshooting

If the auto detect feature was used and at the end of the programming sequence the light in the **AXSWC** interface turned solid **Red**, yet fails to function, follow the steps below to trace down where the problem may lie. If any of the following steps are performed, reset and reprogram the interface according to the vehicle specific document. Scroll down to the end of the document for a physical layout of the interface showing the reset button location.

- Make sure the 3.5mm jack from the interface is connected to the radio securely, and that it's in the correct "steering wheel control" jack from the radio. Make sure it's *not* plugged into the "Bluetooth Mic" jack or "AUX-IN" jack. If unsure which jack to connect to the radio, contact the radio Manufacturer.

  Note: Some radios don't use a jack for steering wheel controls, instead they use a wire(s).
- If installing a radio with a wire(s) for connections instead of a 3.5mm jack, also program the steering wheel controls within the radio, after the interface has been programmed, and the light is solid **Red**. Refer to the manual provided with the radio, or contact the radio Manufacturer for any questions regarding this process.

  Note: This does not apply to JVC and Kenwood radios.
- Specific radio troubleshooting steps:
  - **For Kenwood radios:** Make sure the LED feedback shows a Kenwood radio installed (2 **Red** light flashes). If the LED feedback shows a JVC radio instead (5 **Red** light flashes), reference the **Changing Radio Type** document to change the radio type. If the LED feedback shows 7 **Red** light flashes, this could mean the wrong wire used from the radio, or a bad 3.5mm jack. Kenwood radios use a **Blue/Yellow** wire for steering wheel control. Make sure the **Blue/White** wire is not accidentally used. If the radio is connected properly, then the 3.5mm jack may be at fault. Remove the **3.5mm adapter** and wire the Kenwood directly to the "skinny" **Red** wire within the 3.5mm jack. Also, some Kenwood radios have a feature called **Remote Sensor** which disables the steering wheel controls. If the radio has this feature, make sure it is turned on. If it is on, turn it off, then back on.
  - **For Alpine radios:** Remove the 3.5mm jack from the radio, reset and reprogram the interface with the jack removed, then reconnect the 3.5mm jack back into the radio. Makek sure the steering wheel control jack used is labeled "REM". Also, some Alpine radios have a feature that turns the remote to either the back or the front. If the radio has this feature, make sure the sensor is on the rear setting. If the setting is on the rear setting, turn it to the front, then back to the rear.
  - **For Pioneer and Sony radios:** If the interface works, yet the buttons are out of order, or become out of order, this could be caused by the 3.5mm jack. It may not be seating properly, slipping out, or have residue on the contacts. Clean the contacts, reinsert the jack firmly into the radio, then put a stress loop on the 3.5mm cable to prevent it from slipping out. Also, if anything is prohibiting the jack from seating all the way in such as a heatsink, lightly trim some of the plastic from the 3.5mm jack as needed. Take note that the steering wheel control jack for Pioneer radios is labeled "**W/R**". For Sony radios it is a blue jack labeled "**REMOTE**".
  - **Any radio using a wire for SWC connection:** Ensure the correct steering wheel control wire is used from the **3.5mm adapter**. For radios only requiring 1 wire, make sure the solid **Brown** wire is used. The **Brown/White** wire will not be used in these applications. Take note that the solid **Brown** wire is always the primary wire.
- If all steps have been performed and the interface still doesn't function, or doesn't function properly, update the interface to the latest software via axxessinterfaces.com. After updating, program the interface to the vehicle following the vehicle specific document. If the interface still fails to function, contact Tech Support at 386-257-1187. Be prepared to perform some tests in the vehicle when you contact Tech Support.

Radio LED Feedback (Red light)

Radio #	Radio
1	Eclipse (Type 1) **(a)**
2	Kenwood **(b)**
3	Clarion (type 1) **(a)**
4	Boss (type 1) / Dual / Sony
5	JVC
6	Pioneer / Jensen
7	Alpine **(c)**
8	Visteon / Boss (type 4)
9	Valor
10	Clarion (type 2) **(a)**
11	Boss (type 2) / Metra OE
12	Eclipse (Type 2) **(a)**
13	LG
14	Parrot **(d)**
15	XITE
16	Philips
17	Kicker
18	JBL
19	Insane Audio
20	Magnadyne
21	Boss (type 3)
22	Axxera (resistive SWC)
23	Axxera (data SWC) **(e)**

Keynotes

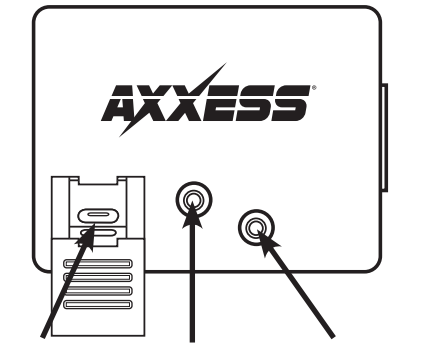
(a) If no SWC, change the radio type to the opposite radio type.

(b) If the interface shows **JVC**, change the radio type to **Kenwood**.

(c) If the interface shows **Alpine**, but an Alpine radio isn't installed, make sure the 3.5mm jack is plugged in.

(d) **AXSWCH-PAR** required (sold separately). The software in the radio must be 2.1.4 or higher.

(e) Indicated with a SWC wire labeled "IR".

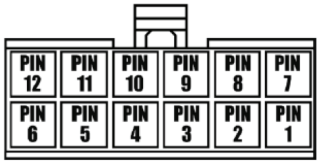


 REV. 2/20/20

AXSWC
Vehicle Troubleshooting

If the auto detect feature was used and at the end of the programming sequence the light in the **AXSWC** interface flashes **Red**/**Green** instead of turning solid **Red**, this means the interface didn't detect the vehicle. Follow the steps below to trace down where the problem may lie. If any of the following steps are performed, reset and reprogram the interface according to the vehicle specific document. Scroll down to the end of the document for a physical layout of the interface showing the reset button location.

- Make sure the interface is programmed correctly according to the vehicle specific document. In general, there are 3 different ways to program the interface depending on the vehicle, "press and hold", "tap", and "do nothing". For applications to "press and hold" the **Volume Up** button on the steering wheel, make sure the button is held down until the end of the programming sequence. Sometimes pressing and holding the **Volume Up** button before resetting the interface helps. For applications to "tap" the **Volume Up** button on the steering wheel, make sure the **Volume Up** button is tapped at a heartbeat pace. Don't tap too slow, or too fast. Try tapping the **Volume Up** button at different speeds if no success after a couple attempts. For applications that don't require any intervention with the **Volume Up** button on the steering wheel ("do nothing"), make sure no buttons are pressed during the programming sequence.
- Make sure the factory equipment functions properly, and still functions properly after attempting to install the aftermarket equipment. Temporarily reinstall the factory radio, then test the steering wheel controls for functionality. Take note which button is **Volume Up**. Some vehicles may have this button behind the steering wheel, and this button may be upside down if the steering wheel is turned. Make sure all of the steering wheel control buttons function, and that none of them are smashed down. There should be spring-like feel to the buttons. The factory radio may function with a bad button(s), but the interface most likely will not. Especially important is the **Volume Up** button, which the interface uses for programming. Also worth mentioning is optional "non-audio" buttons. Some Ford and Subaru vehicles that do not have Bluetooth repurpose the secondary steering wheel control wire. Do not connect "steering wheel control wire 2" in these applications.
- Check power and ground at the interface. With the ignition cycled on, connect the red and black leads from a multimeter to the **Solid Black** wire and **Red** wire from the interface, directly at the 12-pin connector. The meter should read roughly 12-volts DC.
- Confirm that the interface has a good ground. Due to the nature of how microprocessors function, sometimes having the ground from the interface shared with the factory ground is not sufficient and could cause problems. The use of a chassis ground solely by itself is highly recommended, especially in data communication vehicles (**Pink** wire applications). Attach the **Solid Black** wire from the interface to a good chassis ground, all by itself. Make sure this wire is straight from the interface without any extensions, a ring terminal (not supplied) is used and crimped properly. This will alleviate any grounding issues that could prevent the interface from programming.
- Recheck that the wires connected from the interface to the vehicle are correct. Reference the vehicle specific document, and double check that the proper document is used. Some vehicles have more than 1 document for different trims. If it is a non-data communication vehicle, test the factory steering wheel control wires with a multimeter by applying the negative from the meter to the steering wheel control ground wire, and the positive to the steering wheel control positive wire, (with no load connected to the wires). Have the meter on a resistance setting (OHM Ω), then test each steering wheel control button one at a time. Each button should show a solid reading with little fluctuation, and there should be a noticeable difference between each button. Note that the **Volume Up** button is crucial to be 100% proper as this is the button used for programming. Write these values down if Tech Support will be contacted.
- Verify that the wires connected from the interface to the vehicle are connected directly, copper to copper, i.e., solder, crimp cap, military splice. No tapping style connectors or butt connectors are permitted due to increased resistance and poor performance. If a pre-wired harness is being used, *(and all troubleshooting steps have been tried and the light still doesn't go solid **Red**)*, remove the pre-wired harness and use the harness that came with the interface instead.
- If the light still doesn't turn solid **Red** at the end of the programming sequence, refer to the **Manual Programming** document to manually program the interface to the vehicle (non-data vehicles only).
- **For data communication vehicles:** If the light still doesn't turn solid **Red** at the end of programming, make sure all factory electronic modules are connected to the vehicle, i.e., climate control, upper display, push-to-start button... Reconnect the factory radio and make sure the steering wheel controls still function. Cycle the key off, reinstall the aftermarket equipment, then reset and reprogram the interface. If the light finally turned solid **Red**, cycle the ignition off/on, then test the steering wheel controls for functionality.
- **For Metra Euro kits with an included AXSWC:** The 3rd, 4th, 5th and 6th **Red** light flashes should be longer. If any of these flashes are not longer, inspect that the following wires are connected (pin-out diagram shown to the right): Pin-4, Pin-5, Pin-8, Pin-11.
- If all steps have been performed and the light still doesn't turn solid **Red** at the end of the programming sequence, update the interface to the latest software via axxessinterfaces.com. After updating, program the inteface to the vehicle following the vehicle specific document. If the interface still doesn't turn solid **Red** at the end of the programming sequence, contact Tech Support at 386-257-1187. Be prepared to perform some tests in the vehicle when you contact Tech Support.



Vehicle LED Feedback (Green light)

Longer Light Flash	AXSWC Wire
1	White/Green
2	Yellow/Green
3	Green/Orange
4	Gray/Red
5	Black/Green
6	Gray/Blue
7	Pink

Keynotes

a. Long **Green** light flashes represent wire(s) that *are* connected from the vehicle to the interface.

b. Short **Green** light flashes represent wire(s) that *are not* connected from the vehicle to the interface.

c. Note that there will always be 7 **Green** flashes, in every application. What's important is the length of the **Green** flashes. An example is data communication vehicles. In these vehicles the 7th **Green** flash should be longer, indicating the **Pink** wire is connected. Some may be confused by this process because it is assumed that 7 **Green** flashes total means the **Pink** wire is connected. This assumption is false. The 7th **Green** flash *must* be longer than the prior 6 **Green** flashes.

d. In data communication vehicles which require 2 wires (**Blue**/**Pink** & **Pink**) connected to the interface, only the **Pink** wire will show up in LED feedback.

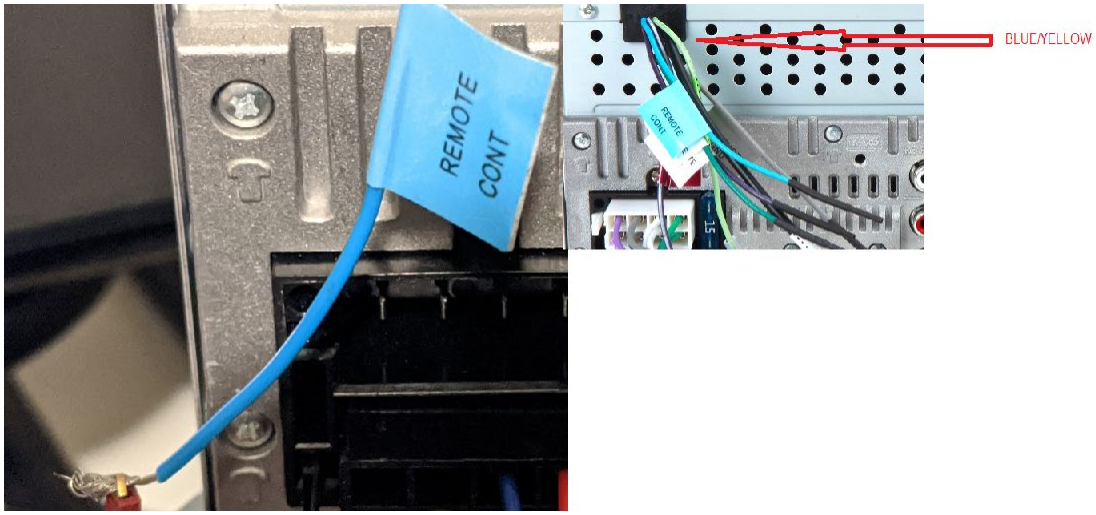
e. In "press and hold" vehicles which require more than 1 wire connected to the interface, only the primary wire will show up in LED feedback.

 REV. 2/17/20

Steering Wheel Controls With New JVC & Kenwood Radios

- Locate the main connector on the back of the radio. These radios use an ISO/EURO (1784 shell) radio connector. (Figure A)
- The SWC wire from the radio can be found in the bundle of wires above the main connector, labeled **REMOTE CONT**. (Figure B)
- This installation step will require a **10k ohm ¼ watt resistor** (sold separately). (Figure C)

(Figure A)

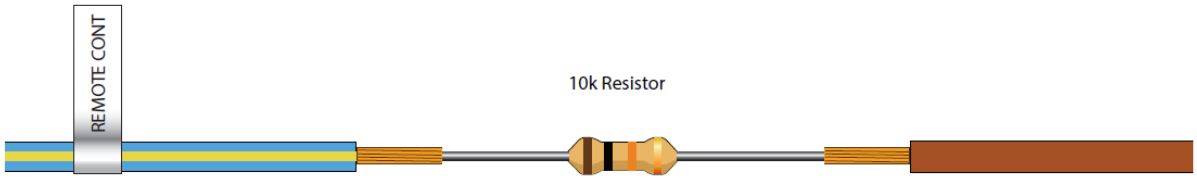


(Figure B)

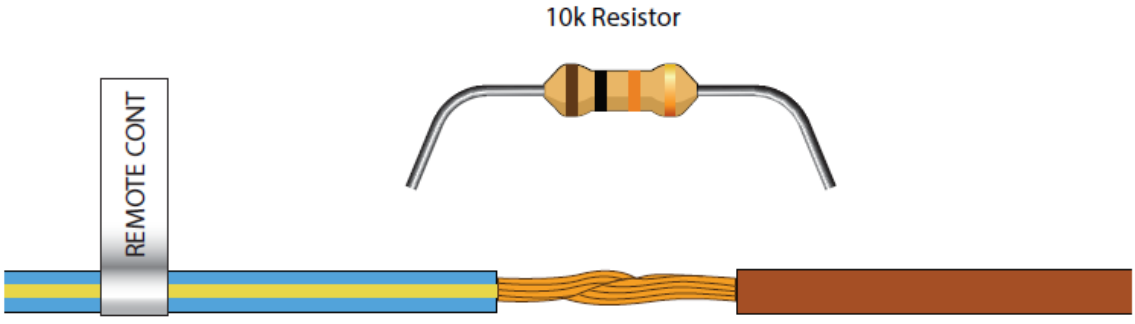
(Figure C)

Installation Instructions

1. Connect one end of the resistor to the **Blue/Yellow** wire from the radio. Connect the other end of the resistor to the **Brown** wire from 3.5mm adapter included with the AXSWC. (Figure A)
2. Proceed with programing the steering wheel controls. Once the AXSWC interface shows the correct radio (5 LED flashes), remove the resistor.
3. Reconnect the **Blue/Yellow** and **Brown** wires without the resistor in place. (Figure B)
4. Test the steering wheel controls for proper functionality.
5. The installation is now complete.



(Figure A)



(Figure B)

Manual Program

As an alternative, the radio can also be manually programmed to the AXSWC interface.

1. Program the interface to the vehicle following the vehicle specific document.
2. Turn the radio off.
3. Cycle the key off, then back on.
4. Wait until the interface's light flashes **Green** one time then goes out.
5. Press and hold the **Volume Down** button on the steering wheel until the interface's light turns solid **Red**, then release. The light will then go out indicating that the interface is now in **Changing Radio Type** mode.
6. Press and hold the **Volume Up** button on the steering wheel until the interface's light turns solid **Red**, then release. Radio number 1 has now been programmed. Repeat this step four more times.
7. Press and hold the **Volume Down** button on the steering wheel until the interface's light turns solid **Red**. The light will remain solid **Red** for 3 seconds while it stores the new radio information. After the light goes out, turn the radio on and test the steering control wheel controls.
8. The installation is now complete.

AXSWC/ASWC-1
INSTALLATION INSTRUCTIONS

SONY Tech Tip

Radio type can be set using the Axxess Updater, available from **www.axxessupdater.com**, if you do not have a PC or mobile device you may use the steps below.

Step 1.) Program the interface to the vehicle.

Step 2.) Turn the ignition on, push and hold volume down on the wheel, until you get a solid **red** light on the interface.

Step 3.) Press and hold volume up until you get a solid **red** light, then release. Do this 22 times in total.

Step 4.) Push and hold volume down until you get a solid **red** light then release.

Step 5.) Go in to the General Settings on the radio, find the Steering Wheel Control menu, and change it from "Preset" to "Custom" then tap the wrench icon.

Step 6.) Push and hold the desired function on the screen for two seconds, then release, the box should stay illuminated in white. At this time, push and hold the corresponding button on the steering wheel. You will get an orange border around the button if it programs successfully. *(Figure A) You will need to do this for each function.*

Note: *If a function does not program successfully, you may need to change the radio type on the interface to one of the other options highlighted in yellow below. (Fig. b)*

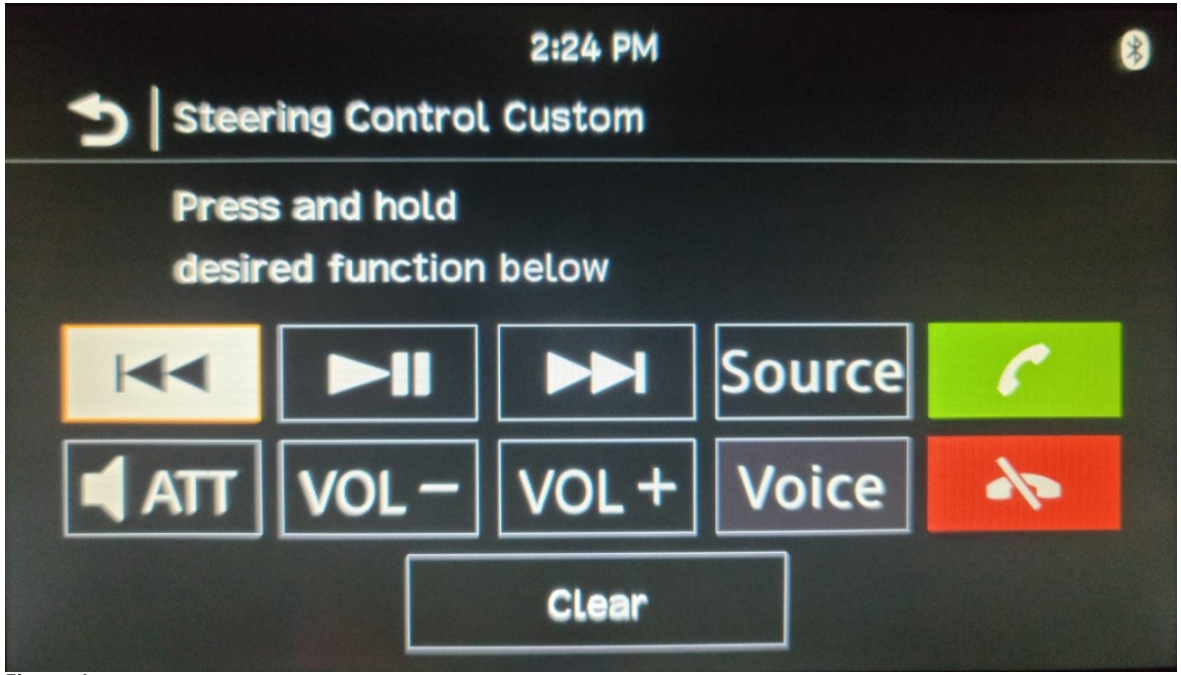


Figure A

Radio #	Radio	Radio #	Radio
1	Eclipse (Type 1)	13	LG
2	Kenwood	14	Parrot
3	Clarion (Type 1)	15	**XITE**
4	**Sony/Dual**	16	Phillips
5	JVC	17	Kicker
6	**Pioneer/Jensen**	18	**JBL**
7	Alpine	19	**INSANE**
8	**Visteon**	20	**Magnadyne**
9	Valor	21	**Boss**
10	Clarion (Type 2)	22	**Axxera**
11	**Metra OE**	23	Axxera (Type 2)
12	**Eclipse (Type 2)**		

Figure B

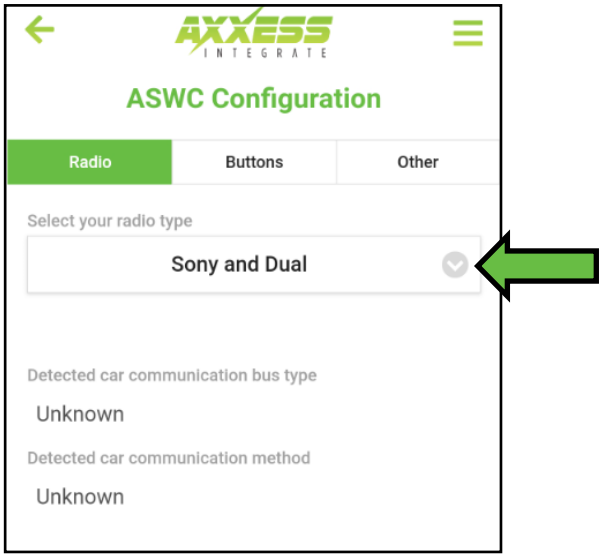
To change to one of the above radio types, you will repeat steps 2 through 4, but you will substitute the 22 in Step 3, with the Radio # listed next to the radio type.

9/10/21

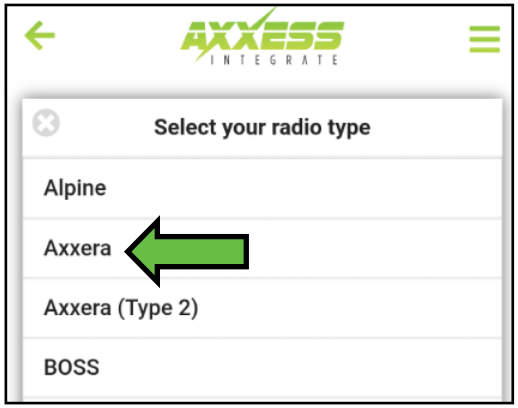
AXSWC/ASWC-1
INSTALLATION INSTRUCTIONS

Step 1.) Connect the interface to your device, then click "Remap SWC".

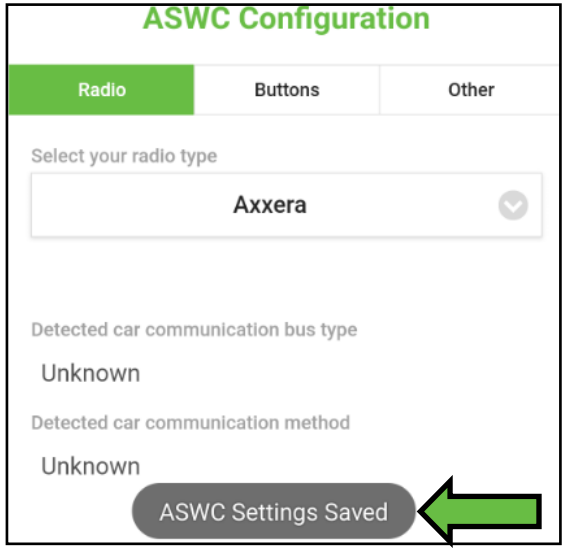
Step 2.) Click on the drop down arrow.



Step 3.) Select Axxera from the drop down menu.



Step 4.) If successful you should see "ASWC Settings Saved" at the bottom of the app.



Step 5.) Take the Interface back to the vehicle, if it has not been programmed before, you will need to refer to the vehicle specific instructions for programming.

Note: *Vehicle specific instructions are available from www.axxesssupdater.com or from the Axxess Updater Mobile App.*

Step 6.) With the interface programmed to the vehicle, Go in to the General Settings on the radio, find the Steering Wheel Control menu, and change it from "Preset" to "Custom" then tap the wrench icon.

Step 7.) Push and hold the desired function on the screen for two seconds, then release, the box should stay illuminated in white. At this time, push and hold the corresponding button on the steering wheel. You will get an orange border around the button if it programs successfully. *(Figure A) You will need to do this for each function.*

Note: *If a function does not program successfully, you may need to change the radio type on the interface to one of the other options highlighted in yellow below. (Fig. b)*

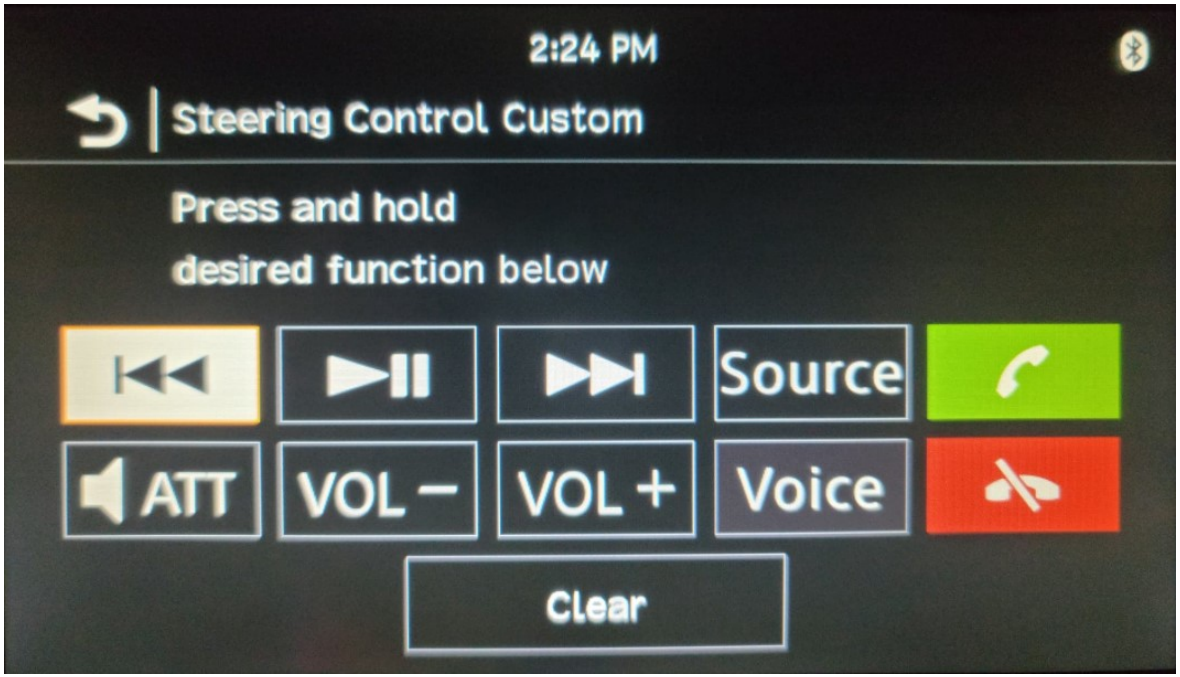


Figure A

Radio #	Radio	Radio #	Radio
1	Eclipse (Type 1)	13	LG
2	Kenwood	14	Parrot
3	Clarion (Type 1)	15	**XITE**
4	**Sony/Dual**	16	Phillips
5	JVC	17	Kicker
6	**Pioneer/Jensen**	18	**JBL**
7	Alpine	19	**INSANE**
8	**Visteon**	20	**Magnadyne**
9	Valor	21	**Boss**
10	Clarion (Type 2)	22	**Axxera**
11	**Metra OE**	23	Axxera (Type 2)
12	**Eclipse (Type 2)**		

Figure B

Step 5.) Take the Interface back to the vehicle, if it has not been programmed before, you will need to refer to the vehicle specific instructions for programming.

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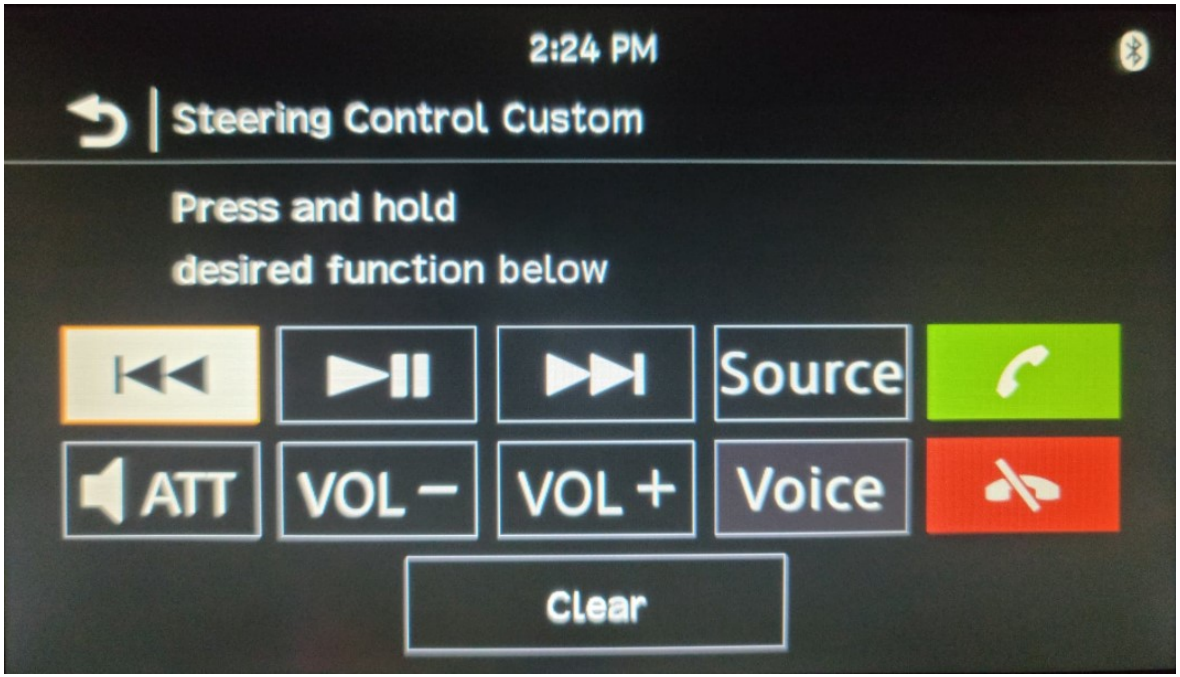

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Figure B