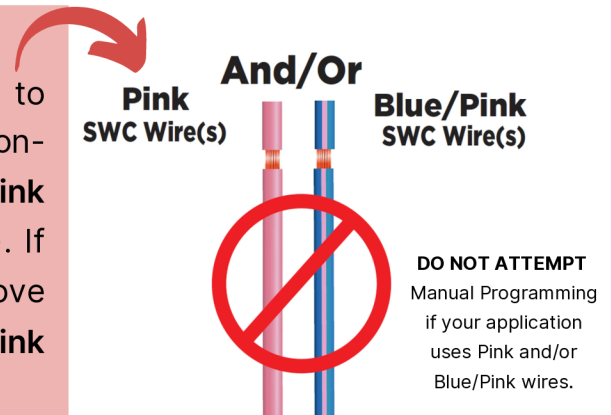


AXSWC-2 | Manual Programming

WARNING

The **Manual Programming** process **only** applies to resistive-based steering wheel control vehicles (non-data communication vehicles that **do not use** the **Pink** and/or **Blue/Pink** wires for steering wheel control). If unsure, doublecheck the **Connections** section above and verify that your application **does not** utilize **Pink** and/or **Blue/Pink** wires for installation.



If the automatic programming sequence fails even after following the **Troubleshooting** steps above, the **AXSWC-2** interface **may be** manually programmed to the vehicle under certain conditions.

Read the steps below **in advance** to have a clear understanding of what is expected. Manual programming is a timed process. The procedure is broken into two sections for ease and clarity, but the entire process **must be** completed.

Vehicle Programming

Use the steps below to manually program the interface to the vehicle.

WARNING

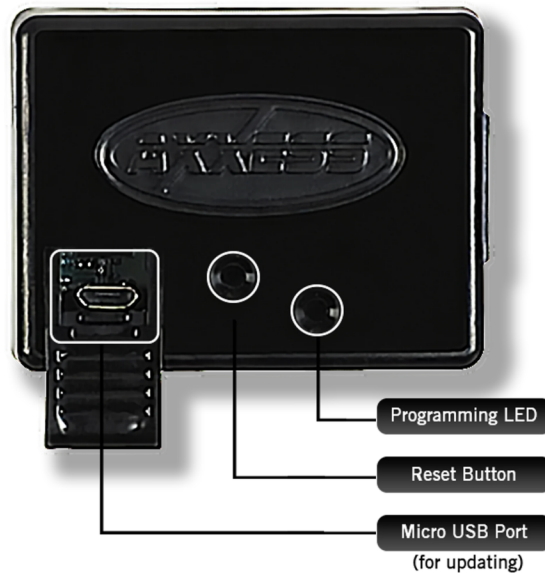
If more than ten (10) seconds elapses between steps the procedure will abort and you must begin again from **Step 1**.

1. Cycle the ignition **On**. (**continued on Page 2**)



Vehicle Programming (cont.)

2. Press and hold the **Reset** button † in the interface for approximately fifteen (15) seconds, or until the LED in the interface slowly flashes **Red/Green**.



† AXSWC-2 Unit/Box with the reset button between the LED and Micro USB Port.

3. Release the **Reset** button.
4. Press and hold the **Volume Up** button on the steering wheel until the light turns solid **Green**, then release. The LED will go out, indicating **Volume Up** has now been programmed. **NOTE: If the light doesn't turn solid Green after seven (7) seconds, there may be a problem with the vehicle's Volume Up button.**
(continued on Page 3)



Vehicle Programming (cont.)

5. Press and hold the **Volume Down** button on the steering wheel until the LED turns solid **Green**, then release. The LED will go out indicating **Volume Down** has been programmed.



6. Continue from **Seek Up/Next** using the **Manual Programming Legend** below 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 force the interface to skip that function.**

7. After the final steering wheel control button has been programmed, press and hold the **Volume Up** button on the steering wheel until the light flashes slowly **Red/Green**, then release.



Radio Programming

Use the steps below to manually program the interface to the radio.

8. Press and hold the **Volume Down** button on the steering wheel until the light rapidly flashes **Red/Green**, then release.

Hold Volume Down



9. After approximately four (4) seconds, the LED will go out for several seconds and then flash a series of **Red/Green** LED flashes depending on the installed radio.



10. **(Optional)** If the **Red/Green** LED flashes do not match the installed radio:
 - a. Press and hold the **Volume Up** button on the steering wheel until the LED turns solid **Red**.
 - b. Release the **Volume Up** button.
 - c. Repeat this step for the Radio number on the **Radio LED Feedback Table** below.
11. Press and hold the **Volume Down** button (see image in Step 8) on the steering wheel until the LED turns solid **Red**.

The manual programming process is complete. Test the steering wheel controls for proper functionality.

Manual Programming 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

Radio LED Feedback Table

Radio	Alpha	LEDs	Keynotes	Radio	Alpha	LEDs	Keynotes
Pioneer/Jensen	G			MAGNADYNE	RRG		
JVC	R		1	BOSS	RRR		
Kenwood	GG			CLARION (type 1)	GGGG		
Sony/Dual	GR			CLARION (type 2)	GGGR		
Adaptive SWC radio (internal ladder)	RG		4	JVC/Kenwood (type 2)	GGRG		
Adaptive SWC radio (internal ladder 10k)	RR		4	Reserved for future use	GRRR		
Adaptive SWC radio (internal ladder 1k)	GGG		4	Reserved for future use	GRGG		
Reserved for future use	GGR			Reserved for future use	GRGR		
Alpine	GRG		2	Resistive Radio #1	GRRG		
Alpine (type 2)	GRR			Resistive Radio #2	GRRR		
AXXERA	RGG			Resistive Radio #3	RGGG		
AXXERA (type 2)	RGR			Resistive Radio #4	RGGR		
				Resistive Radio #5	RGRG		
				Resistive Radio #6	RGRR		

Radio LED Feedback Table Keynotes

1. If the LED pattern shows JVC, change the radio type to Kenwood. Refer to the Changing Radio Type instructions.
2. If the LED pattern shows Alpine, but an Alpine radio isn't installed, make sure the 3.5mm jack is plugged into the radio.
3. If no SWC, change the radio type to the opposite radio type. Refer to the Changing Radio Type instructions.
4. Must assign SWC buttons on the radio.

Radio Legend Table

Radio #	Radio	Radio #	Radio
1	Pioneer/Jensen	14	CLARION
2	JVC	15	Reserved
3	KENWOOD	16	Reserved
4	SONY/DUAL 1	17	Reserved
5	Adaptive SWC Radio	18	Reserved
6	ALPINE	19	Reserved
7	ALPINE	20	Reserved
8	AXXERA	21	Resistive Radio #1
9	AXXERA	22	Resistive Radio #2
10	MAGNADYNE	23	Resistive Radio #3
11	BOSS	24	Resistive Radio #4
12	Reserved	25	Resistive Radio #5
13	CLARION	26	Resistive Radio #6

Manual Programming Keynotes

- Some vehicles may not retain certain steering wheel control commands. Non-audio commands, such as Bluetooth or Menu commands, may or may not be recognized. Known vehicles are GM vehicles with OnStar and Ford vehicles with SYNC.
- Aftermarket radios without Bluetooth capability will not recognize PTT (push-to-talk) or On/Off Hook commands. However, these buttons may be able to be manually programmed for other commands. Contact the radio Manufacturer for specific commands the radio will recognize.