

Manual Programming

If the auto programming sequence fails even after following the troubleshooting steps, the ASWC-1 may be able to be manually programmed to the vehicle. This document only applies to resistive based steering wheel control vehicles (non-data communication vehicles that *do not* use the **Pink** wire for steering wheel control). Please read these steps beforehand to have a clear understanding of what is to be expected. This is a timed process. The procedure is broken up into 2 steps for reference, but the entire process must be completed.

Attention! If more than 20 seconds elapses between steps, the procedure will abort.

Vehicle programming section:

1. Turn the key to ignition.
2. Press and hold the **Reset** button in the ASWC-1 for approximately 15 seconds, or until the ASWC-1's light flashes slowly **Red/Green**. Release the **Reset** button at this point.
3. Press and hold the **Volume Up** button on the steering wheel until the ASWC-1's light goes solid **Green**, then release. The light will then go out indicating **Volume Up** has now been programmed.
Note: If the ASWC-1's light doesn't go solid **Green** after 7 seconds, there may be a problem with the vehicles **Volume Up** button.
4. Press and hold the **Volume Down** button on the steering wheel until the ASWC-1's light goes solid **Green**, then release. The light will then go out indicating **Volume Down** has now been programmed.
5. Continue from **Seek Up / Next** in the **Manual Programming 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 ASWC-1's light turns on solid **Green**, then release. This will tell the ASWC-1 to skip that function.
6. After the last steering wheel control button has been programmed, press and hold the **Volume Up** button on the steering wheel until the ASWC-1's light flashes slowly **Red/Green**, then release.

Radio programming section:

7. Press and hold the **Volume Down** button on the steering wheel until the ASWC-1's light flashes rapidly **Red/Green**, then release.
8. After approximately 4 seconds, the ASWC-1's light will go out for a couple seconds. The light will then flash **Red** up to 18 times depending on which radio is installed.
9. If the **Red** flashes *do* match the radio installed, continue on to step 10. If the **Red** flashes *do not* match the radio installed, press and hold the **Volume Up** button on the steering wheel until the ASWC-1's light turns on solid **Red**, then release. Repeat this step for the desired radio number selected. Reference the **Radio Legend**. Continue on to step 10 from this point.
10. Press and hold the **Volume Down** button on the steering wheel until the ASWC-1's light goes solid **Red**.
11. This is the end of the manual programming sequence. Test the steering wheel controls for 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 Legend

Radio #	Radio	Radio #	Radio
1	Eclipse (type 1)	10	Clarion (type 2)
2	Kenwood	11	Metra OE
3	Clarion (type 1)	12	Eclipse (type 2)
4	Sony / Dual	13	LG
5	JVC	14	Parrot
6	Pioneer / Jensen	15	XITE
7	Alpine	16	Philips
8	Visteon	17	TBA
9	Valor	18	JBL

Keynotes

- a. Some vehicles may not retain certain steering wheel control commands from the steering wheel. Non-audio commands may or may not be recognized, i.e., Bluetooth or Menu commands. Known vehicles are GM vehicles with OnStar, and Ford vehicles with SYNC.
- b. Aftermarket radios that do not have Bluetooth capability will not recognize the **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 that the radio will recognize.