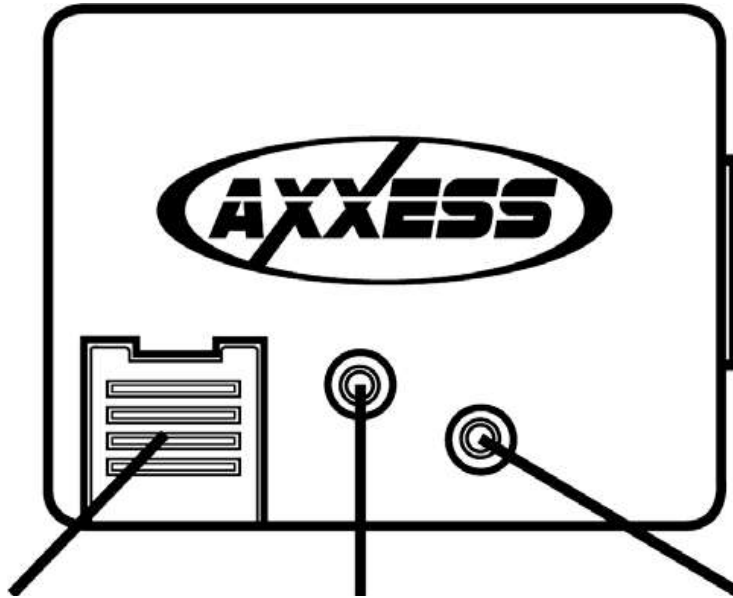# ASWC-1
Axxess Steering Wheel Control Interface
www.axxessinterfaces.com

USB port cover **Reset button** **Programming LED**

LED Feedback

The 1st series of green LED flashes represent the wire(s) that are connected to the vehicle from the ASWC-1.
Short flashes represent the steering wheel control wire(s) that **are not connected** to the vehicle from the ASWC-1
Long flashes represent the wire(s) that **are connected** to the vehicle

1st LED flash	White/Green wire on the ASWC-1
2nd LED flash	Orange/Green wire on the ASWC-1
3rd LED flash	Green/Orange wire on the ASWC-1
4th LED flash	Gray/Red wire on the ASWC-1
5th LED flash	Black/Green wire on the ASWC-1
6th LED flash	Gray/Blue wire on the ASWC-1
7th LED flash	Pink wire on the ASWC-1

If during the auto-detect sequence there was no long green LED flash, just short ones, the ASWC-1 was not connected to the correct wire in the vehicle or the incorrect wire was

used on the ASWC-1. Double check connections and the vehicle information sheet to verify that you have the correct wires connected.

The 2nd set of red LED flashes represents what brand radio the ASWC-1 has auto-detected. Each flash is for a different radio manufacturer.

1st LED flash   Eclipse
2nd LED flash   Kenwood
3rd LED flash   Clarion
4th LED flash   Sony and Dual
5th LED flash   JVC
6th LED flash   Pioneer and Jensen
7th LED flash   Alpine*
8th LED flash   Visteon
9th LED flash   Valor
10th LED flash   Clarion 5v
11th LED flash   Metra OE
12th LED flash   Eclipse type 2
13th LED flash   LG
14th LED flash   PARROT
15th LED flash   XITE
16th LED flash   Phillips
17th LED flash   TBD
18th LED flash   JBL

Note: If the ASWC-1 flashes 7 times and you do not have an Alpine radio connected to it that means that the ASWC-1 did not see any radio connected. Verify the 3.5mm connector is connected to the SWC input on the radio.

Remapping the SWC (steering wheel control) Buttons

Once you have the ASWC-1 programmed you can then change the steering wheel control button assignment(s), for example, programming the "Seek up" button as a "Preset up" function. Follow the steps below to remap the SWC buttons.

1) Have the ASWC-1 visible so you can see the LED flashes to confirm button recognition.

2) Turning the radio "OFF" is recommended.

3) Within the first 20 seconds of turning the ignition on, press and hold the "Volume Up" button for at least 20 seconds.

4) The LED will light up solid green. Release "Volume Up"and the LED will go out. Volume Up has now been programmed.

5) Follow the list below, in order, press and hold the steering wheel control button you want for the function below until the LED lights up then proceed to the next button you wish to program. If you want to skip a command press the "Volume Up" on the steering wheel, this will tell the ASWC-1 to skip the command and proceed to the next one.

1. Volume Up	**10. Band**
2. Volume Down	**11. Play/Enter**
3. Seek Up/Next	**12. PTT (Push To Talk)**
4. Seek Down/Prev	**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**

Note: Remember not all radios will have all these commands. Please refer to the radios' owners manual for specific commands recognized by the radio.

6) After the last button is programmed on your steering wheel (you do not have to go through the whole list), press and hold down the "Volume Up" button for at least 10 seconds until the LED goes out.

   Or

After the 18th button is programmed or skipped the LED will go out and the remapping is completed.

Resetting Original SWC Setting

  If for any reason after remapping the steering wheel controls you want to go back to the original steering wheel control settings, follow these steps:

1) Within the first 20 seconds of turning the ignition on, press and hold down the original "Volume Down" button (not the "Volume Down" button you just remapped) for at least 25 seconds.

2) The LED will light up solid, and then release the "Volume Down" button and the LED will go out.

3) The original steering wheel control settings will be restored

Dual Assignment Instructions

Note: Seek up and Seek down are already set to Preset up and Preset down for long press.

    1) Turn on ignition but do not start the vehicle.

    2) Turning the radio "OFF" is recommended.

    3) Press and hold down the steering wheel button that you want to assign a long press function to, for about 10 seconds until the LED rapidly flashes green. At this point release the button and the LED will go solid green.

    4) Press and release the "Volume up" button the number of times corresponding to the new button number you selected (see chart). The green LED will blink rapidly when the "Volume up" is pressed and back to solid green when it is released. *(Caution, if more than 10 seconds elapses between a "Volume up" button presses, this procedure will abort. And the LED will go off)* Go to the next step when the "Volume up" button has been pressed the necessary number of times.

    5) To store the long press button in memory, press the button that you assigned a long press button (the button held down in step 1). The LED will now go off indicating it has been stored.

Note: These steps must be repeated for each button you would like to assign dual purpose action to.

To reset a button back to its original use, repeat step 1 above. Then press the "Volume down" button. The LED will go out and the long press mapping for the button will be erased.

Button Number	New Button Assignment
1	Not allowed
2	Not allowed
3	SEEK UP/NEXT
4	SEEK DOWN/PREV
5	MODE/SOURCE
6	MUTE
7	PRESET UP

8	PRESET DOWN
9	POWER
10	BAND
11	PLAY/ENTER
12	PTT
13	ON HOOK
14	OFF HOOK
15	FAN UP
16	FAN DOWN
17	TEMP UP
18	TEMP DOWN

Troubleshooting the Auto-Detect Mode

So you tried the auto-detect feature and at the end the LED did not stay on solid red, it started flashing, that means the ASWC did not detect the vehicle. Follow these steps to determine what happened:

First some basic steps:

1) Verify that you have 12 volt accessory and a good chassis ground to the ASWC-1.

2) Verify with the vehicle information sheet from the Axxess website (www.axxessinterfaces.com) that you connected the correct steering wheel control wire(s) in the vehicle to the correct wire(s) on the ASWC-1.

3) Verify that the 3.5mm connector is connected to your radio securely and in the correct location.

4) If using the female 3.5mm connector on an Eclipse, JVC, or Kenwood radio, verify that the radio's SWC wire is connected to the correct wire on the ASWC-1.