



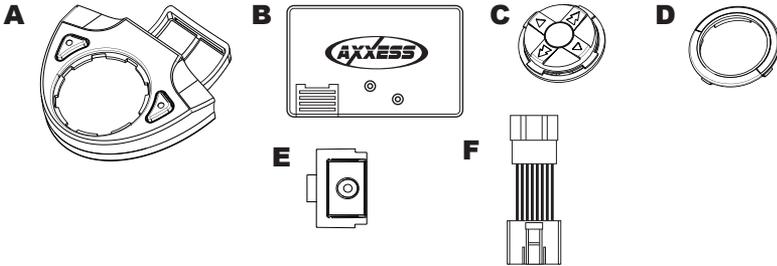
INSTALLATION INSTRUCTIONS FOR PART RFASWC

RFASWC

The RFASWC is designed for adding steering wheel controls to vehicles that do not have OE steering wheel controls installed. With Aftermarket radio's with steering wheel control outputs the RFASWC is able to give the driver control of their aftermarket radio without taking their hands off the steering wheel allowing you to maintain the most popular feature your aftermarket radio has to offer. The RFASWC will come pre-programmed with your standard commands, volume up, volume down, seeks up, seek down, and source. In addition you will be able to mount the RFASWC anywhere on the steering wheel and reprogram the buttons, making this a truly custom piece.

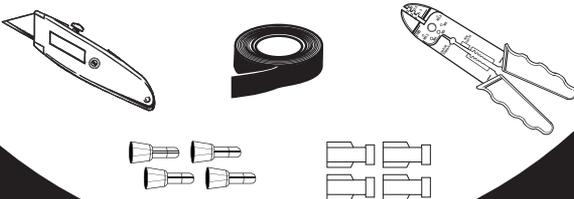
INTERFACE COMPONENTS

- A) RFASWC • B) RFASWC Interface • C) Keypad
- D) Trim Ring • E) Strap Cover • F) RFASWC Harness



TOOLS REQUIRED FOR INSTALLATION

- Cutting Tool •Tape •Crimping Tool
- Connectors (I.E. butt-connectors, bell caps, ECT...)



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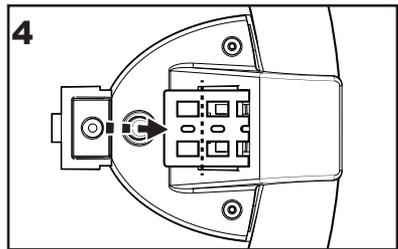
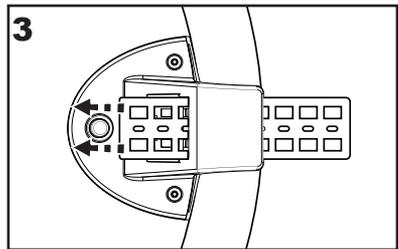
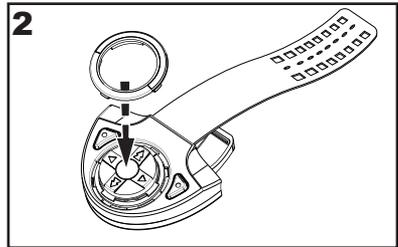
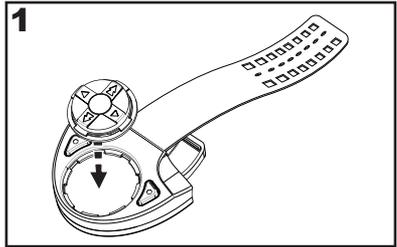


axxessinterface.com

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Mounting The RFASWC Transmitter

1. Place button pad in the OESWC transmitter with the volume up arrow (^) in the spot where you want volume up to be.(fig. 1)
2. Snap in trim ring to secure keypad in place. (fig. 2)
3. Install the OESWC transmitter in desired place on steering wheel, wrapping the rubber strap around the steering wheel, through the slot, and hook it into the back side of the transmitter. (fig. 3)
4. Cut off the unused portion of the rubber strap and screw in strap cover with provided screw. (Do not over tighten screw) (fig.4)





Wiring The OESWC Interface

1. Connect the red wire to 12 volt accessory
2. Connect the Black wire to ground (you may use the same ground that you use for the aftermarket radio)

If you are using an Eclipse or Kenwood radio, plug the female 3.5mm connector with the Brown and Brown/White wires into the male 3.5mm connector of the ASWC harness.

* For Kenwood radios: Connect the Kenwood SWC wire (normally Blue/Yellow) to the Brown wire of the ASWC. Isolate and tape the Brown/White wire, it will not be used.

* Kenwood Models: The following three models, DNX9960, DNX7160, and DDX896, need a 10k to 12k ohm resistor between the Blue/Yellow of the Kenwood and the Brown wire of the female 3.5 during programming. After programming remove the resistor and reconnect the Blue/Yellow and brown wire.

* For Eclipse radios: Connect the Eclipse SWC wires (Normally Brown and Brown/Black) to the Brown and Brown/White wires of the ASWC. Brown goes to Brown and Brown/White goes to Brown/Black.

Setting Up the RFASWC

1. Press the Red and Green buttons simultaneously for 5 seconds, and then press volume up for two seconds. This will orientate your button direction.



2. Turn on the ignition and press volume up on the RFASWC. This will “marry” the RFASWC to the interface.

NOTE: If you are replacing a transmitter you must turn on the ignition and within the first 10 seconds press and hold the source button for ten seconds. This will “marry the new transmitter.

Programming the RFASWC

1. Complete connections to the vehicle and the aftermarket radio

* If this is the first time the RFASWC is being installed in a vehicle:

2. Turn the ignition on; the led will start flashing rapidly which means the ASWC is looking for the radio. Go to step 4.

Or

* If the RFASWC was installed in a vehicle before:

2. Turn the ignition on, the led will flash slowly
3. Hold down the reset button for more then 2 seconds but less then 10 seconds, the led will start flashing rapidly
4. After a couple of seconds the led should stop flashing and not light up for 2 seconds.



5. The led will then flash up to 10 times.
6. This is the end of the auto detection stage. If the RFASWC detected the radio successfully the led will light up solid red.
7. Make sure the steering wheel control buttons function correctly in the vehicle and enjoy your radio.

So what if the led does not light up solid red? Check out troubleshooting section below.

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 RFASWC did not detect the radio. Follow these couple steps to determine what happened:

First some basic steps:

1. Verify that you have 12 volt accessory and a good ground to the RFASWC.
2. Verify that the 3.5mm connector is connected to your radio securely and in the correct location.
3. If using the female 3.5mm connector on an Eclipse or Kenwood radio, verify that the radio's SWC wire is connected to the correct wire on the RFASWC.



Once all the information above has been verified and correct, refer back to the 2 sets of led flashes during the auto detect sequence. Here is what the flashes stand for:

LED Feedback

The led flashes represent what brand radio the RFASWC believes it is connected to. Each flash is for a different radio manufacturer. For example you installed a JVC radio; the led should flash 5 times.

- 1st led flash is for Eclipse
- 2nd led flash is for Kenwood
- 3rd led flash is for Clarion
- 4th led flash is for Sony and Dual
- 5th led flash is for JVC
- 6th led flash is for Pioneer and Jensen
- 7th led flash is for Alpine*
- 8th led flash is for Visteon
- 9th led flash is for Valor
- 10th Clarion 5V

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



Remapping the SWC Buttons

Let's say you have the RFASWC programmed to your radio and you want to change the button assignment for the steering wheel controls. For instance you would like Seek Up to be Mute.

NOTES:

- The RFASWC must have detected the radio it is attached to before you can remap any buttons.
- You can only start the remapping of the steering wheel controls process within the first 20 seconds of turning the ignition key on. If you wait longer than the 20 seconds you will have to turn the ignition off then back on again.
- Within the first 20 seconds if any button other than Volume Up or Volume Down is pushed, the remapping process will stop.
- If during the remapping process no button is pushed for 30 seconds the remapping process is aborted and the original settings are reset.

So Let's Begin The Remapping Process:

1. Ideally having the RFASWC visible is recommended since you can see the led flashes to confirm button recognition.
2. Turning off the radio is recommended
3. Within the first 20 seconds of turning the ignition on, press and hold down the Volume Up button for at least 25 seconds.
4. The led will light up solid red. Release Volume Up and the led will go out. Volume Up has now been programmed.



5. Follow the list below in order however pushing the steering wheel control button you want for the function below. If you want to skip a command press the Volume Up on the steering wheel, this will tell the ASWC to skip the command and go to the next one.

1. Volume Up
2. Volume Down
3. Seek Up/Next
4. Seek Down/Prev
5. Source/Mode
6. Mute
7. Preset Up
8. Preset Down
9. Power
10. Band
11. Play/Enter
12. PTT (Push To Talk)
13. On Hook
14. Off Hook
15. Fan Up
16. Fan Down
17. Temp Up
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.

For instance the next command to be mapped is the Volume Down command. Let's say you want the Mode button on your steering wheel to be the Volume Down command. Hold down the Mode button till the led lights up solid red, and then release it. Now your Mode button on the steering wheel is Volume Down.

6. After the last button is programmed on your steering wheel (you do not have to go through the whole list), hold down the Volume Up button for at least 10 seconds then the led will go out.

Or

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

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 turn on then release the Volume Down button and the led will turn off.
3. The original steering wheel control settings will be restored.

Manually Setting The Radio Type

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 turn on then release the Volume Down button and the led will turn off.
3. The original steering wheel control settings will be restored.
 1. To manually program the aftermarket radio, press and hold the Volume Up button on the steering wheel control until the led goes solid red, then release Volume Up.
 2. At this point Eclipse is programmed.

If you are using an Eclipse radio go to step 3.

If you are using a different radio go to step 4.

3. Press and hold Volume Down for 5 seconds. The led will flash once then go solid red indicating the programming has finished. Go enjoy your radio.



4. If you have a different radio than Eclipse, press the Volume Up button again until the LED goes solid red, then release Volume Up. You have now programmed Kenwood.
5. Here is the chart to show how many presses of the Volume Up button is needed for which radio you are trying to program:

1st LED flash is for Eclipse

2nd LED flash is for Kenwood

3rd LED flash is for Clarion

4th LED flash is for Sony and Dual

5th LED flash is for JVC

6th LED flash is for Pioneer and Jensen

7th LED flash is for Alpine*

8th LED flash is for Visteon

9th LED flash is for Valor

10th Clarion 5V

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

6. Once the radio manufacturer has been selected hold Volume Down for at least 5 seconds. The LED will flash the number of times which radio was selected then the LED will remain on to indicate the ASWC has finished programming.

7) Go enjoy your radio.



INSTALLATION INSTRUCTIONS FOR PART RFASWC



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