

# Mapping Instructions for the PAC SWI-RC1

Thank you for purchasing your PAC SWI-RC1 steering wheel module from Engineered Adapters. The RC-1 is the latest steering wheel interface that will allow you to map your Voyager or Vaquero handlebar controls to work with your aftermarket radio! We recommend that you purchase a popular name-brand radio as these will have a track record of compatibility.

Engineered Adapters also carries a wiring harness that works in conjunction with the SWI-RC-1 to make your installation a breeze!

**Step 1:** Install the PAC SWI-RC1 according to the wiring diagram available on our website under the Wiring Harness Plug. We highly recommend purchasing our Wiring Harness Plug as this allows the installation of your new aftermarket stereo without cutting any factory wires on your Voyage or Vaquero.

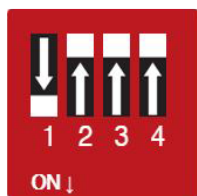
**Step 2:** Set the DIP switches on the side of the SWI-RC-1 to your model of radio.

For all models the 8-pin is the same, all eight are set to OFF:

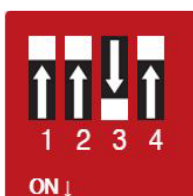


**Step 3:** Set the 4-pin set based on the model of your radio. If your radio is not listed, you will need to visit their website to get your switch settings. <https://pac-audio.com/swi-guide-center/swi-rc-1-guide/>

## ALPINE



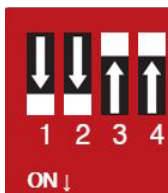
## CLARION



## JVC



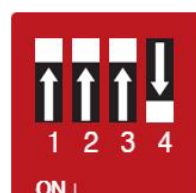
## KENWOOD



## PIONEER



## SONY



Check the product page on the website for the compatibility and any known issues.

**Step 4:** Follow the instructions from PAC on the mapping sequence. Once mapped, it is not necessary to “skp” to any downstream options, simply wait the seven seconds as instructed. ***Before you begin, we recommend writing down which of the buttons you will attach to each mapping function to make this easier.***

## Manually Mapping Instructions

1. Turn the key to the ignition position. The LED will illuminate red
2. Press and hold the programming button on the side of the interface until the LED illuminates. Release the programming button.
3. Within 7 seconds, press the button that is to be learned on the handlebar controls. At this point you have two options:
  - A. For short press functionality, Hold the button on the steering wheel until the LED changes from green to red. Release the button.

- B. For long press functionality, Continue to hold the button until the LED flashes between red and amber once. Release the button
4. If you need to program more buttons; repeat step 3 for each additional audio function on the steering wheel.
5. If you come across a function in the chart that your steering wheel does not have, or you do not want to program, press and release the program button on the side of the interface to skip that function. The LED will turn off, then back on when the skip has been done successfully.
6. Once programming is completed wait seven seconds. The LED will flash green 3 times indicating the end of programming.
7. Test the interface for proper function. Whenever button is pressed on the RC-1 the LED on the interface should blink green

The following is the button sequence for the mapping. Select your buttons to match these operations which must be mapped in sequence.

**Alpine**

- Volume Up
- Volume Down
- Mute
- Preset Up
- Preset Down
- Source
- Track Up
- Track Down
- Power
- Enter/Play
- Band/Play
- Receive
- End
- Voice

**Clarion**

- Volume Up
- Volume Down
- Mute
- Source
- Search Up
- Search Down
- Band
- Send/End
- Send/End
- End
- Voice

**JVC**

- Volume Up
- Volume Down
- Mute
- Source
- Track Up
- Track Down
- Band/Disk Up
- Preset/Disc Down
- Select
- Attenuation
- Phone Receive
- Voice
- Power

**Kenwood**

- Volume Up
- Volume Down
- Attenuation
- Source
- Play
- Track Up
- Track Down
- Dick/Radio Up
- Disk/Radio Down
- Answer
- Voice
- On Hook
- Off Hook
- Mute
- Preset Up

**Pioneer**

- Volume Up
- Volume Down
- Mute
- Preset Up
- Preset Down
- Source
- Track Up
- Track Down
- Band
- Phone Menu
- Answer
- End
- Voice

**Sony**

- Volume Up
- Volume Down
- Mute
- Preset Up
- Preset Down
- Source
- Track Up
- Track Down
- Band
- Source/Reject
- Answer/End
- Voice