

## PRODUCT FEATURES:

- Retains factory features in select Hyundai and Kia vehicles while functioning with an aftermarket radio.
- Retains factory 3.5mm Aux Input Jack (if equipped).
- Retains factory USB port (if equipped).
- Retains factory backup camera (if equipped).
- Pre-programmed to retain factory Steering Wheel Controls.
- Includes antenna adapter.

## PARTS INCLUDED:



SWRHK-65Q MODULE



SWRHK-65Q HARNESS

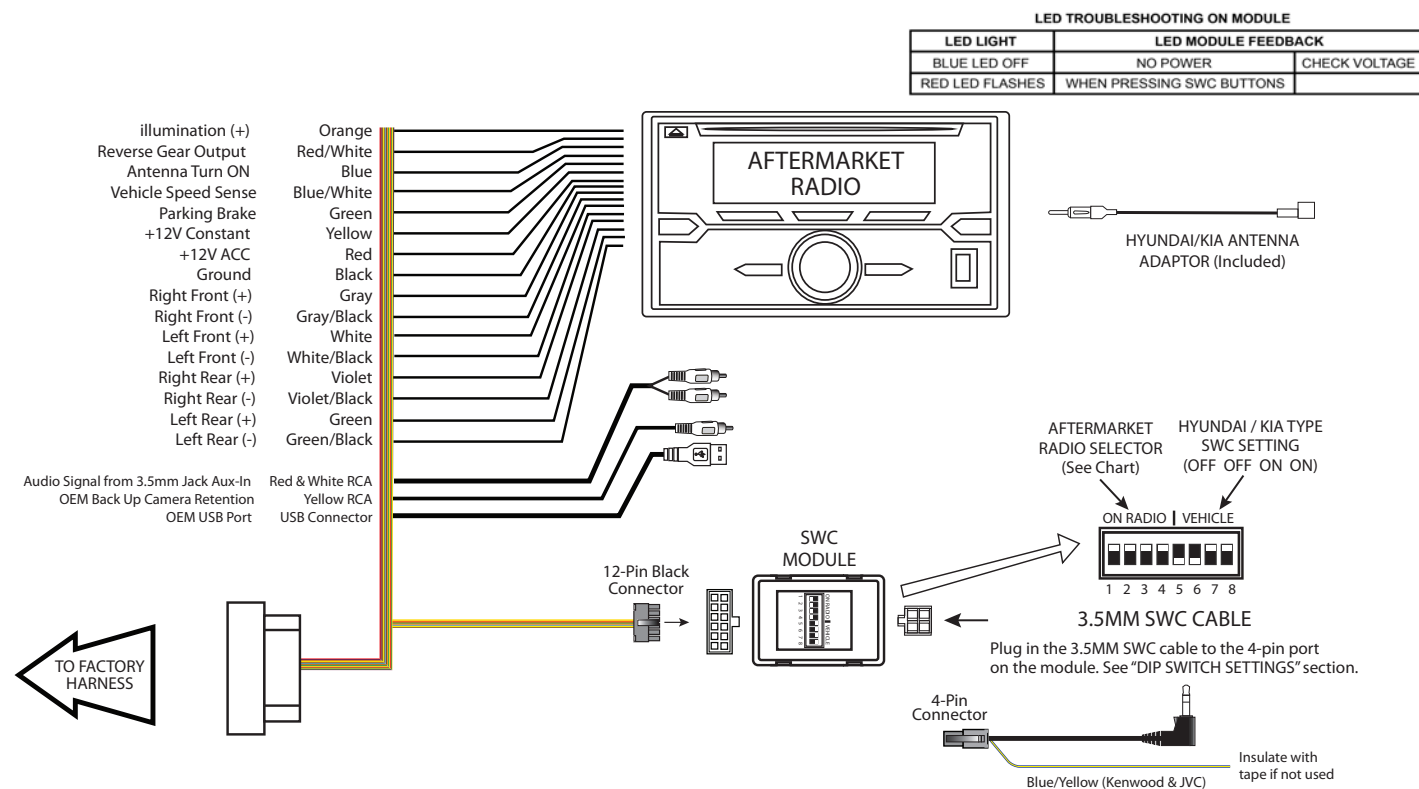


ANTENNA ADAPTER



SWC CABLE

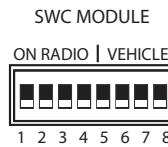
## INSTALLATION DIAGRAM:



## DIP SWITCH SETTINGS:

### AFTERMARKET RADIO DIP SWITCH SETTINGS:

RADIO BRAND:	DIP:	1	2	3	4
Atoto, Dual, Farenheit, Jensen, Pioneer		OFF	OFF	ON	ON
Power Acoustik, Soundstream		OFF	OFF	ON	ON
Blaupunkt, Most off-brand Radios		OFF	OFF	ON	ON
Alpine		OFF	OFF	OFF	OFF
Clarion		OFF	ON	ON	OFF
Kenwood		OFF	ON	ON	ON
JVC		OFF	ON	OFF	ON
Boss, Old Sony		OFF	ON	OFF	OFF
New Sony		OFF	OFF	ON	OFF



### SWC Troubleshoot option



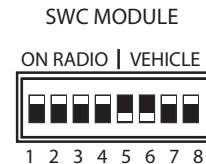
Located internally  
Need to take plastic  
Casing off module

If Steering Wheel Controls malfunction  
please switch internal dip switch from  
3v3 to 5v as shown in picture above.

**NOTE:** For Atoto, Blaupunkt, Dual, Farenheit, Power Acoustik, Soundstream, and most off-brand radios, check the aftermarket radio's manual to see if the SWC buttons need to be programmed.

### HYUNDAI / KIA STEERING WHEEL CONTROL DIP SWITCH SETTING:

DIP:	5	6	7	8
Hyundai	OFF	OFF	ON	ON



### 3.5MM SWC CABLE

Plug in the 3.5MM to 4-Pin SWC cable and set the DIP switches to the aftermarket radio you are using.

NOTE: Insulate the Blue/Yellow wire or 3.5mm plug if not being used.

For aftermarket radios that have wires for SWC connections, cut off the 3.5mm plug on the Crux SWC Cable and connect the SWC wires as follows:



RED to SWC Key 1  
WHITE to SWC Key 2  
SHIELD to SWC Ground

Note that there are some radios that only have SWC1 and SWC2, in this case "shield" does not need to be connected.

## VEHICLE APPLICATIONS:

### Hyundai

2018 - 2022 Accent  
2017 - 2022 Elantra  
2016 - 2020 Santa Fe  
2017 - 2019 Sonata

**NOTE:** Hyundai/ Kia with 24 pin connector  
use SWRHK-65E

### Kia

2017 - 2019 Cadenza w/ Display Audio  
2017 - 2020 Forte  
2017 - 2020 Optima\* w/o Nav w/ 7" touchscreen  
2017 - 2021 Rio  
2017 - 2020 Sedona  
2017 - 2020 Sorento  
2017 - 2020 Soul  
2017 - 2022 Sportage

\*Optima Base w/o touchscreen use SWRHK-65E



## STEERING WHEEL CONTROL SETTINGS:

**Note:** Identify Alpine SWC learning radios by checking for three SWC cables and a SWC learn menu, instead of a 3.5mm SWC input.

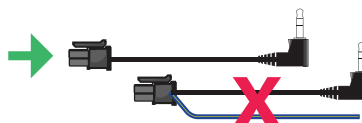
### If Interface has one SWR-100 Cable included

1 - Find the included SWC adapter cable.

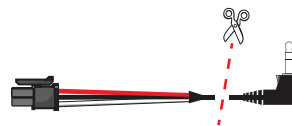


### If Interface has two SWR Cables included

1 - Identify appropriate SWC adapter cable.  
Do not use cable with Blue / Yellow wire.



2 - Prepare the SWC Cable: Cut the SWC cable. You will find a red wire, a white wire, and a ground (shield) wire inside.



3 - Adjust the Module Settings: Set the module to the Pioneer dip switch setting. This configures the module to communicate correctly with the Alpine radio.

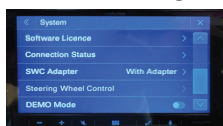
On Alpine iLX series radios use Pioneer settings

DIP:	1	2	3	4
	OFF	OFF	ON	ON



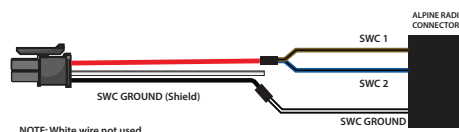
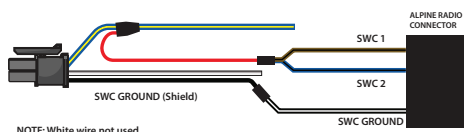
4 - Configure the Alpine Radio: On your Alpine radio, select the setting that includes an adapter for SWC. This ensures the radio will recognize the steering wheel controls.

Select "SWC Adapter"



Select the setting "With Adapter"

5 - Connect the Wires: Connect both the SWC1 and SWC2 wires from aftermarket radio to the red wire from our SWC cable. Connect the SWC ground wire to the shield (ground) wire of our SWC cable. These steps should enable the steering wheel controls on your Alpine iLX series radio.



6. Program the SWC: Navigate to the SWC settings on your Alpine radio to assign and test each control function.

