

PRODUCT FEATURES:

- Retains factory features in select FORD, LINCOLN, and MERCURY vehicles while functioning with an aftermarket radio.
- Pre-programmed to retain factory Steering Wheel Controls (on vehicles without Sync).
- iPhone Voice Recognition (VR) feature from SWC on select Kenwood, Pioneer, Alpine and JVC radios.
- Retains factory Aux-Input and Subwoofer (if equipped).
- EIA color coded wiring for easy installation.

PARTS INCLUDED:



SWRFD-60L MODULE



SWRFD-60L HARNESS

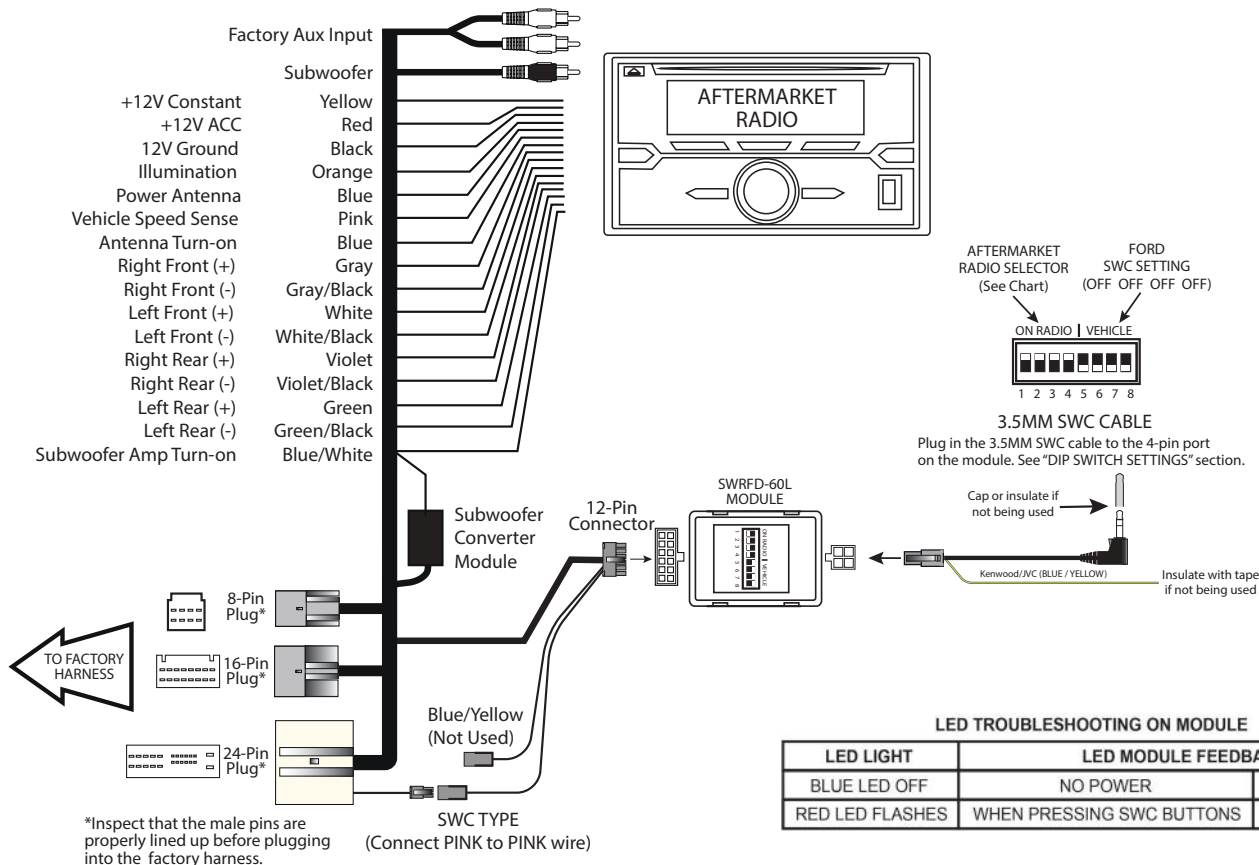


Antenna Adapter



SWC CABLE

INSTALLATION DIAGRAM:



NOTES:

1. Only supports analog Steering Wheel Control type.
2. Use part number SWRFD-60 for CAN Bus Steering Wheel Control.
3. Output signal stated above may not cover all Year/Model.
4. Does not retain SYNC.
5. Not compatible with factory-installed Sony systems and THX systems with amplifier.

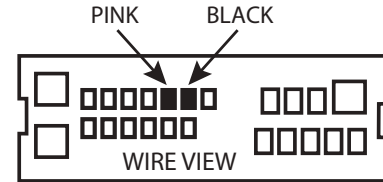
ANALOG CONNECTION:

HOW TO DETERMINE IF THE VEHICLE HAS ANALOG SWC:

Analog Steering Wheel Control (SWC) signal vehicles will have wires populated and line up to the PINK and BLACK wire on the 24-Pin Crux connector.

If one wire is missing then you will need to use Crux part number SWRFD-60.

NOTE: The 2006 F250/F350 is a 1-wire analog system.

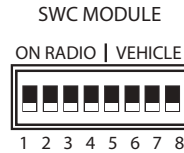


Crux 24-Pin Connector

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



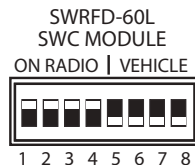
Located internally
Need to take plastic
Casing off module

- If Steering Wheel Controls don't work or work properly 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.

FORD STEERING WHEEL CONTROL DIP SWITCH SETTING:

	DIP:	5	6	7	8
Ford		OFF	OFF	OFF	OFF

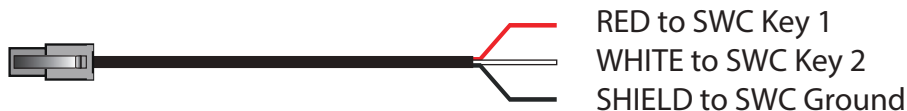


3.5MM SWC CABLE

Plug in the 3.5MM to 4-Pin SWC cable to the SWC module.

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:



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



STEERING WHEEL CONTROL BUTTON FUNCTIONS:

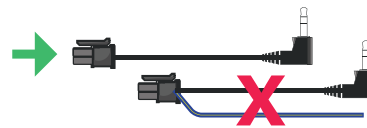
Note: Identify Alpine SWC learning radios by checking for three SWC cables and a SWC learn menu, instead of a 3.5mm SWC input.

If Interface has one SWR-100 Cable included

If Interface has two SWR Cables included

1 - Find the included SWC adapter cable.

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.

DIP: 1 2 3 4
On Alpine iLX series radios use Pioneer settings | OFF | OFF | ON | ON |



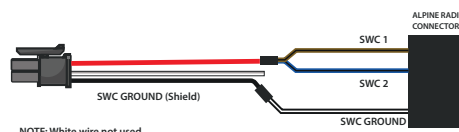
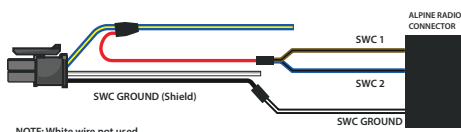
4 - Configure the Alpine Radio: On your Alpine radio, select the setting that includes an adapter for SWC. This ensures the radio will recognize the steering wheel controls.

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.



VEHICLE APPLICATIONS:

FORD

2004-2006	Crown Victoria
2007-2010	Edge
2008-2012	Escape
2004-2010	Expedition
2004-2010	Explorer
2004-2012	F-150
2004-2012	F-250
2004-2012	F-350
2004-2012	F-450
2004-2012	F-550
2005-2007	Five Hundred
2009-2012	Flex
2004-2011	Focus
2004-2007	Freestar
2005-2007	Freestyle
2006-2012	Fusion
2004-2012	Mustang
2008-2010	Taurus
2004-2005	Thunderbird

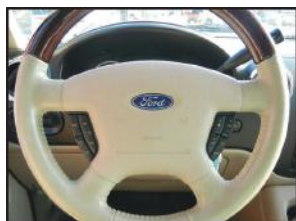
MERCURY

2003-2005	Grand Marquis
2006-2010	Mariner
2006-2011	Milan
2005-2007	Montego
2004-2007	Monterey
2006-2010	Mountaineer
2008-2009	Sable

LINCOLN

2003-2005	Aviator
2004-2006	LS
2006-2008	Mark LT
2009-2010	MKS
2010-2011	MKT
2006-2011	MKX
2006-2011	MKZ
2007-2011	Navigator
2004-2010	Town Car
2006-2006	Zephyr

Compatible Ford SWC Types:



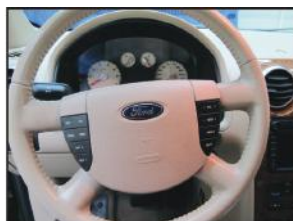
Type 1
4-Button



Type 2
4-Button



Type 3
5-Button



Type 4
6-Button

NOTE:

Steering Wheel Controls is NOT retained in vehicles with Sync.

Does not work with vehicles equipped with factory amplifiers.

