



SWRGM-49R

Radio Replacement Interface with Steering Wheel Control Retention
for GM Vehicles 2019 - Up

PRODUCT MANUAL
VER.072726

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PRODUCT FEATURES:

- Retains chime functions.
- Pre-programmed to retain factory Steering Wheel Controls.
- RAP (Retained Accessory Power).
- Provides illumination, parking brake, reverse, and speed sense outputs.
- Made for non-amplified vehicles or vehicles that will have their amps bypassed.
- Retains factory back-up camera. (excluding Camaro [IOR] 2019-Up)

PARTS INCLUDED:



SWRGM-49R Module

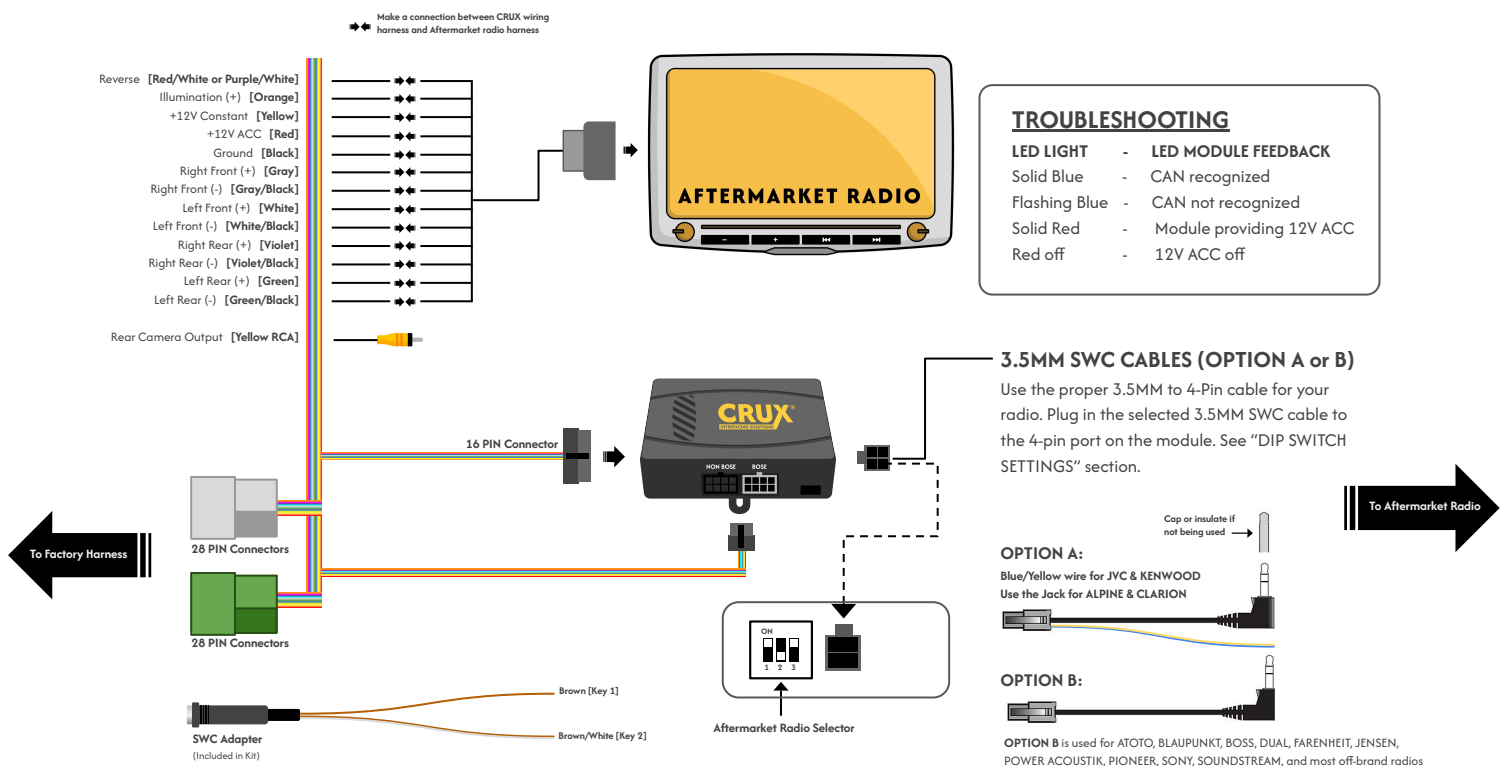


SWRGM-49R Harness



SWC Cables

INSTALLATION DIAGRAM:



DIP SWITCH SETTINGS:

AFTERMARKET RADIO DIP SWITCH SETTINGS:

RADIO BRAND:	DIP#:	1	2	3
Atoto, Dual, Fahrenheit, Jensen, Nakamichi		OFF	ON	ON
Pioneer, Power Acoustik, Soundstream		OFF	ON	ON
Blaupunkt, Most off-brand Radio		OFF	ON	ON
Alpine		OFF	OFF	OFF
Clarion		ON	ON	OFF
Kenwood		ON	ON	ON
JVC		ON	OFF	ON
BOSS, Old Sony		ON	OFF	OFF
New Sony (with CarPlay)		OFF	ON	OFF

NOTE: For Atoto, Blaupunkt, Dual, Fahrenheit, Nakamichi, Power Acoustik, Soundstream, and most off-brand radios. Check the aftermarket radio's manual to see if the SWC buttons need to be programmed
* For SWC Learning Radios specific steps are required. Please scan the QR code on the right.

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.

SWC TROUBLESHOOTING OPTION



Located internally, need to take plastic casing off module

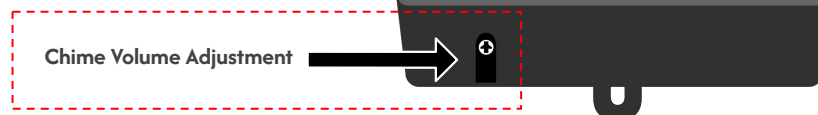
If Steering Wheel Controls don't work or work properly, please switch internal DIP switch from 3v3 to 5v as shown in picture above.



SWC Module
DIP Switch

CHIME VOLUME ADJUSTMENT:

The SWRGM-49R has a potentiometer to adjust the chime volume. It is set at the half way by default. To adjust the volume, simply use a suitable screwdriver and turn the potentiometer clockwise to increase the volume and counter-clockwise to decrease the volume.



OEM CAMERA RETENTION:

The SWRGM-49R is prewired with an RCA connector to retain the OEM camera on vehicles with a IOR system.

1. Connect Yellow video RCA to the new aftermarket radio reverse camera input.
2. Test the video feed before installing the radio back into the dashboard. (Radio may need to be set prior to testing)



VEHICLE APPLICATIONS:

YEARS	MAKE	MODEL	YEARS	MAKE	MODEL
2019-2023	CHEVROLET	Camaro*	2020-2022	GMC	Acadia
2019-2021	CHEVROLET	Cheyenne	2019-2022	GMC	Canyon
2019-2022	CHEVROLET	Colorado	2019-2021	GMC	Sierra 1500*
2019	CHEVROLET	Cruze	2019-2021	GMC	Sierra 2500 HD*
2019-2023	CHEVROLET	Equinox*	2019-2022	GMC	Sierra 3500 HD*
2019-2022	CHEVROLET	Malibu*	2019-2022	GMC	Terrain*
2019-2021	CHEVROLET	Silverado*			
2019-2021	CHEVROLET	Silverado 2500 HD*			
2019-2021	CHEVROLET	Silverado 3500 HD*			
2019-2020	CHEVROLET	Sonic			
2018-2022	CHEVROLET	Spark			
2017-2022	CHEVROLET	Trax			

NOTES:

- Does NOT retain Bose Amplifier.
- Does NOT retain OnStar.

*USE **GM49R-EXT**, 5 foot Extension Harness is used with GM IOR in cases where the Radio Control Module is located at front passenger side (by the door hinge). **Sold Separately**



Compatible with the following radio code: IOR

NOTE: The radio code can be found in the Glove Box.

NOTE: Newer model GM vehicles are now using a QR code label. If the Service Parts Identification Label is not located in the Glove Box, reference the Vehicle Certification Label on the driver's door jamb opening for the QR code.

STEERING WHEEL CONTROL BUTTON FUNCTIONS:

SWC BUTTON	SHORT PRESS	LONG PRESS
VOL +	Step Increment	Continuous VOL +
VOL -	Step Decrement	Continuous VOL -
Arrow Up ▲	Seek Up	Preset
Arrow Down ▼	Seek Down	Preset
SRCE	Source Change	Preset
▶	Play/Pause	Preset
Voice	Phone Pickup	Voice Command
Mute	Mute	Phone Hang Up

EXAMPLE APPLICATIONS:

- Chevrolet Camaro 2019-Up
- Chevrolet Cruze 2019
- Chevrolet Malibu 2019-Up
- Chevrolet Silverado 2019-Up
- Chevrolet Sonic 2019-Up
- Chevrolet Spark 2019-Up
- GMC Terrain 2019-Up