DKNS-63S1

Radio Replacement with Dash Kit
for select 2013-2017 NISSAN ALTIMA Vehicles

PRODUCT MANUAL
VER.111726

CONTACT

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PRODUCT FEATURES:

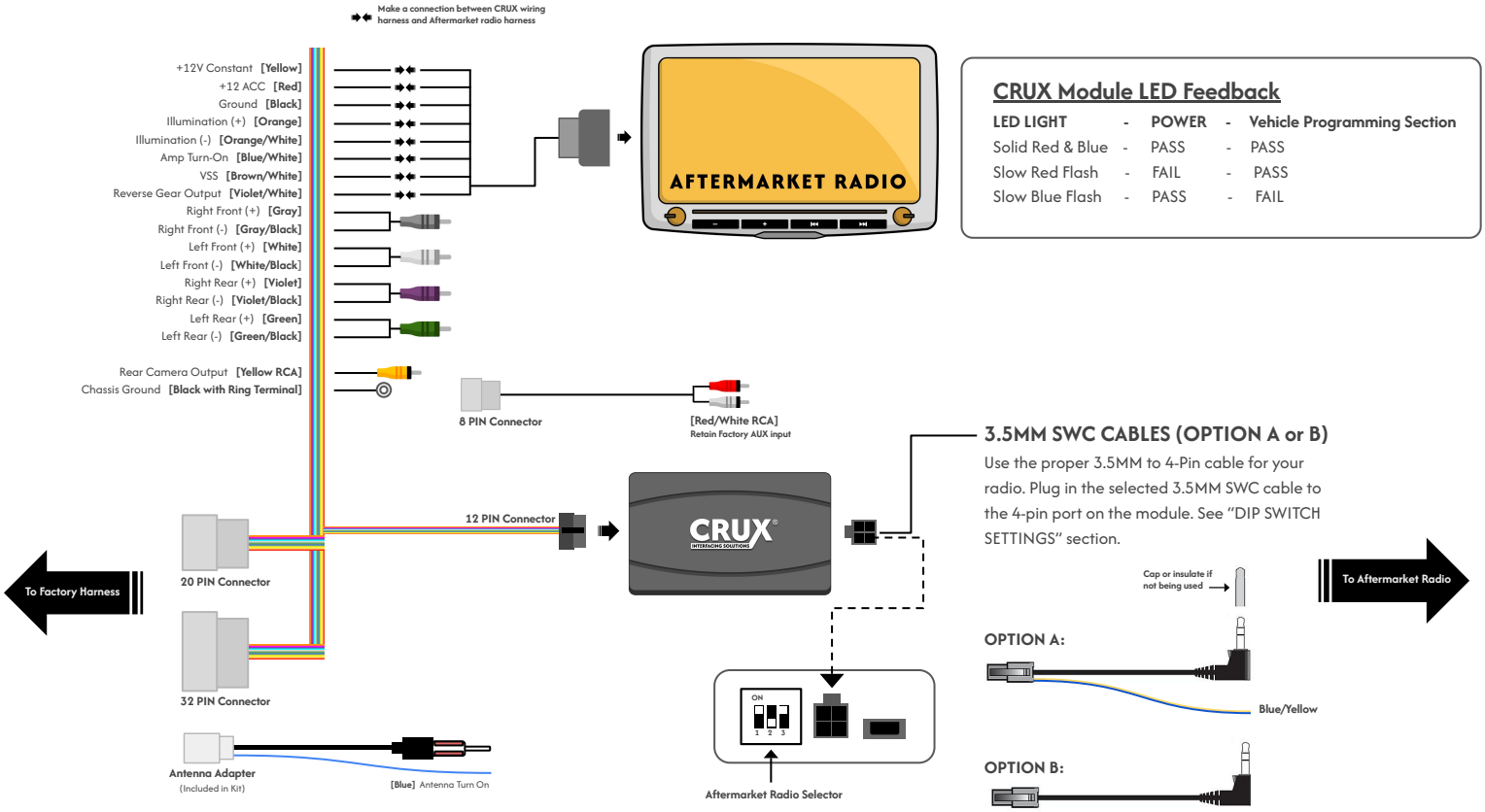
- Retains factory features in select Nissan vehicles while functioning with an aftermarket radio.
- Pre-programmed to retain factory Medium Speed CAN-Data Bus Steering Wheel Controls.
- Includes antenna adapter.
- Retains BOSE Amplified system.
- Retains factory Auxiliary Input.
- Retains factory camera (NOT 360 panoramic camera).
- Retains factory USB input.
- Provides Reverse Gear Output.
- Includes Dash Kit.

PARTS INCLUDED:



Module | Harness | Antenna Adapter | SWC Cabels | USB Retention Cable | Optional Acc Wire | Dash Kit

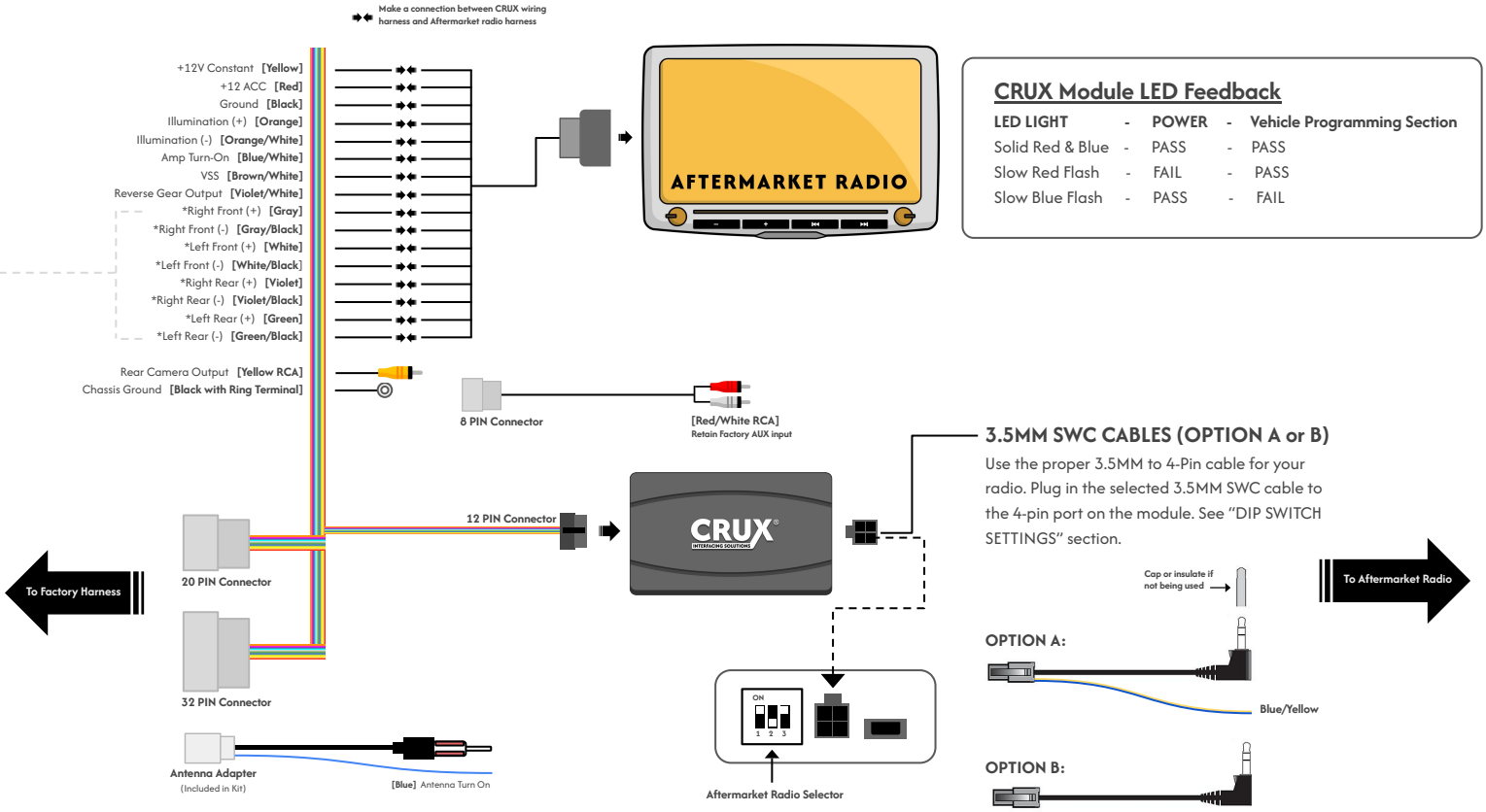
INSTALLATION DIAGRAM FOR AMPLIFIED VEHICLES:



CRUX Module LED Feedback

LED LIGHT	-	POWER	-	Vehicle Programming Section
Solid Red & Blue	-	PASS	-	PASS
Slow Red Flash	-	FAIL	-	PASS
Slow Blue Flash	-	PASS	-	FAIL

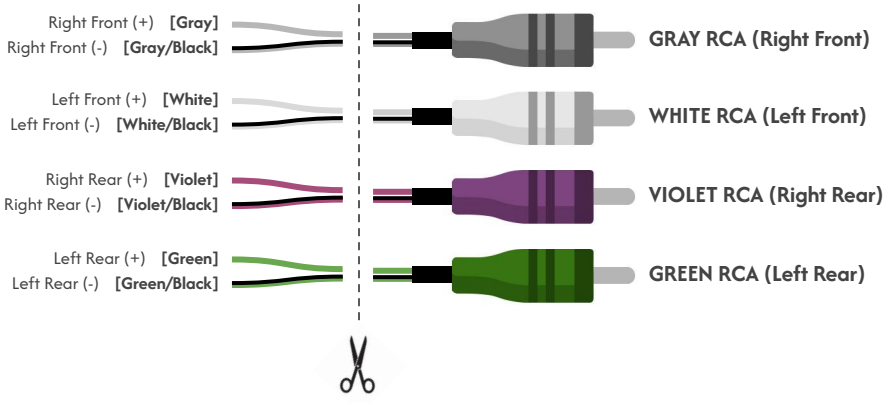
INSTALLATION DIAGRAM FOR NON-AMPLIFIED VEHICLES:



CRUX Module LED Feedback

LED LIGHT	-	POWER	-	Vehicle Programming Section
Solid Red & Blue	-	PASS	-	PASS
Slow Red Flash	-	FAIL	-	PASS
Slow Blue Flash	-	PASS	-	FAIL

***For Non-Amplified systems please cut RCA, and mate colored wires to the appropriate aftermarket radio speaker wires**



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
SWC Learning Radio	OFF	ON	ON

NOTE: For Atoto, Blaupunkt, Dual, Farenheit, 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.*

4 PIN SWC Cable:
Use the proper 3.5mm to 4 PIN SWC cable for the aftermarket radio you are using.
OPTION A is used for **Alpine, Clarion, JVC,** and **Kenwood** units (Blue/Yellow wire is attached)
OPTION B is used for **Atoto, Blaupunkt, Boss, Dual, Fahrenheit, Jensen, Power Acoustik, Pioneer, Sony, Soundstream**, and most Off-Brand Radios.

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:



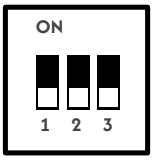
Note that there are some radios that only have SWCl and SWC2, in this case "shield" does not need to be connected.

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

Troubleshooting for SWC Learning Radios

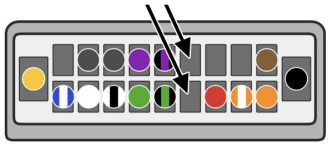
VEHICLE APPLICATIONS:

YEARS	MAKE	MODEL
2013-2017	NISSAN	**Altima**

Note:
Some SWC functions might not be retained for the following radio series:
Planet Audio P9900CPA, Jensen CAR 710, Atoto F7, and similar radios of these brands.

HOW TO DETERMINE IF YOU HAVE ANALOG OR CAN SWC:

IF THESE TWO WIRE ARE POPULATED ON THE FACTORY 20 PIN CONNECTOR, THEN SWC ARE ANALOG AND NOT RETAINED VIA CAN-BUS, PLEASE ORDER THE ANALOG SWC RETENTION PART #SWRNS-63U

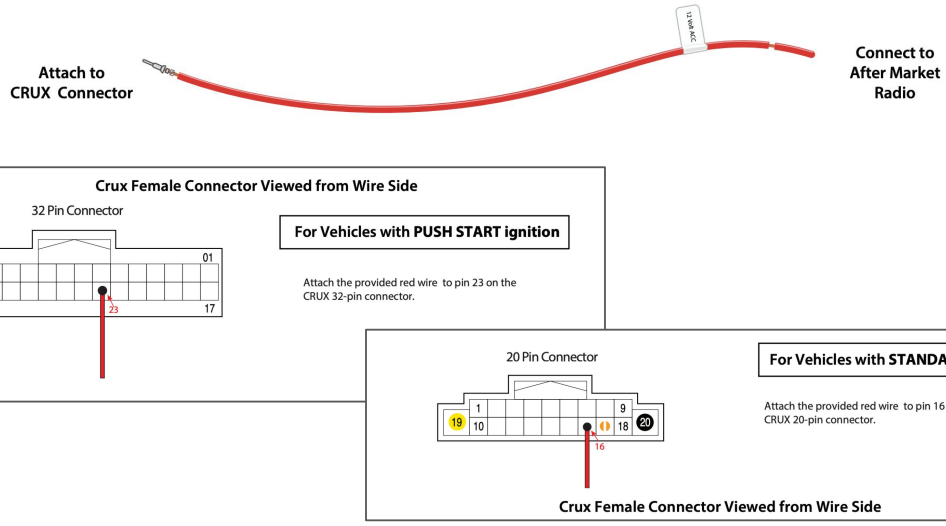


CRUX 20-PIN CONNECTOR WIRE SIDE

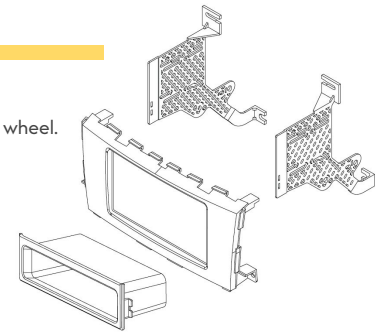
NOTE: If populated wire will be seen on the factory side.

ALTERNATIVE ACCESSORY POWER TROUBLE SHOOTING:

Note: If you are experiencing issues with accessory power from the module, connect the provided alternative power wire to the CRUX connector and then to the aftermarket radio.



DASH KIT INSTALLATION:



FACTORY RADIO REMOVAL

1. Using a plastic trim removal tool, carefully release the dashboard panel located below and to the right of the steering wheel.
2. Remove the silver trim pieces on both sides of the factory radio and climate control assembly.
3. Detach the panel located directly below the climate controls.
4. Remove the four (4) Phillips-head screws securing the factory radio, climate controls, and air vents.
5. Remove the climate controls and air vents, then disconnect their wiring connections.
6. Remove the four (4) screws securing the factory radio brackets to the dashboard.
7. Disconnect all remaining wiring harnesses and antenna connections, then remove the factory radio.

DOUBLE-DIN INSTALLATION

1. Position the aftermarket Double-DIN radio between the ISO mounting brackets. Loosely secure it using the radio manufacturer's screws, if compatible, or the hardware supplied with the kit.
2. Adjust the radio forward or backward to achieve the desired fit, then tighten all mounting screws.
3. Temporarily install the mounting brackets onto the dashboard using the four (4) original factory screws. Check that the Dash Kit main frame sits properly against the dashboard without leaving any gaps.
4. If the alignment is correct, proceed with the installation. If adjustments are needed, reposition the radio and repeat the fitting process.
5. (Recommended) Attach a rear support bracket to the back of the radio and adjust it as needed to provide additional support.

NOTE: If the vehicle has a factory A/C control module, it can be transferred to the Dash Kit mounting brackets using the original factory screws.

SINGLE-DIN INSTALLATION

1. Install the storage pocket into the lower section of the Dash Kit mounting brackets.
2. Position the aftermarket Single-DIN radio between the ISO mounting brackets. Loosely secure it using the radio manufacturer's screws, if compatible, or the hardware supplied with the kit.
3. Adjust the radio forward or backward to achieve the desired fit, then tighten all mounting screws.
4. Temporarily install the mounting brackets onto the dashboard using the four (4) original factory screws. Check that the Dash Kit main frame sits properly against the dashboard without leaving any gaps.
5. If the alignment is correct, proceed with the installation. If adjustments are needed, reposition the radio and repeat the fitting process.
6. (Recommended) Attach a rear support bracket to the back of the radio and adjust it as needed to provide additional support.

NOTE: This Dash Kit uses an ISO mounting configuration. The aftermarket radio's DIN sleeve cannot be used.
NOTE: If the vehicle has a factory A/C control module, it can be transferred to the Dash Kit mounting brackets using the original factory screws.