DKFD-60

Radio Replacement Interface with Dash Kit
for Amplified and Non-Amplified FORD vehicles

PRODUCT MANUAL
VER.111626

CONTACT

ADDRESS:

CRUX Interfacing Solutions
21541 Nordhoff St. Unit C,
Chatsworth, CA 91311

PHONE:

(818) 609-9299

E-MAIL:

support@cruxinterfacing.com
sales@cruxinterfacing.com

WEBSITE:

www.cruxinterfacing.com

PRODUCT FEATURES:

- Works with Amplified and Non-Amplified For, Lincoln and Mercury vehicles
- Retains Factory-installed Subwoofer.
- Retains Steering Wheel Controls via built in, pre-programmed interface.
- With navigation outputs (Reverse gear, Illumination, Speed signal and Parking brake)
- Provides Accessory Power (2A MAX).
- Retains factory Aux and rear seat entertainment inputs.
- Supports Sony, Shaker, THX and non amplified sound systems.
- Includes Dask Kit (double DIN or single DIN with pocket).

PARTS INCLUDED:



Module



Harness



SWC Cable

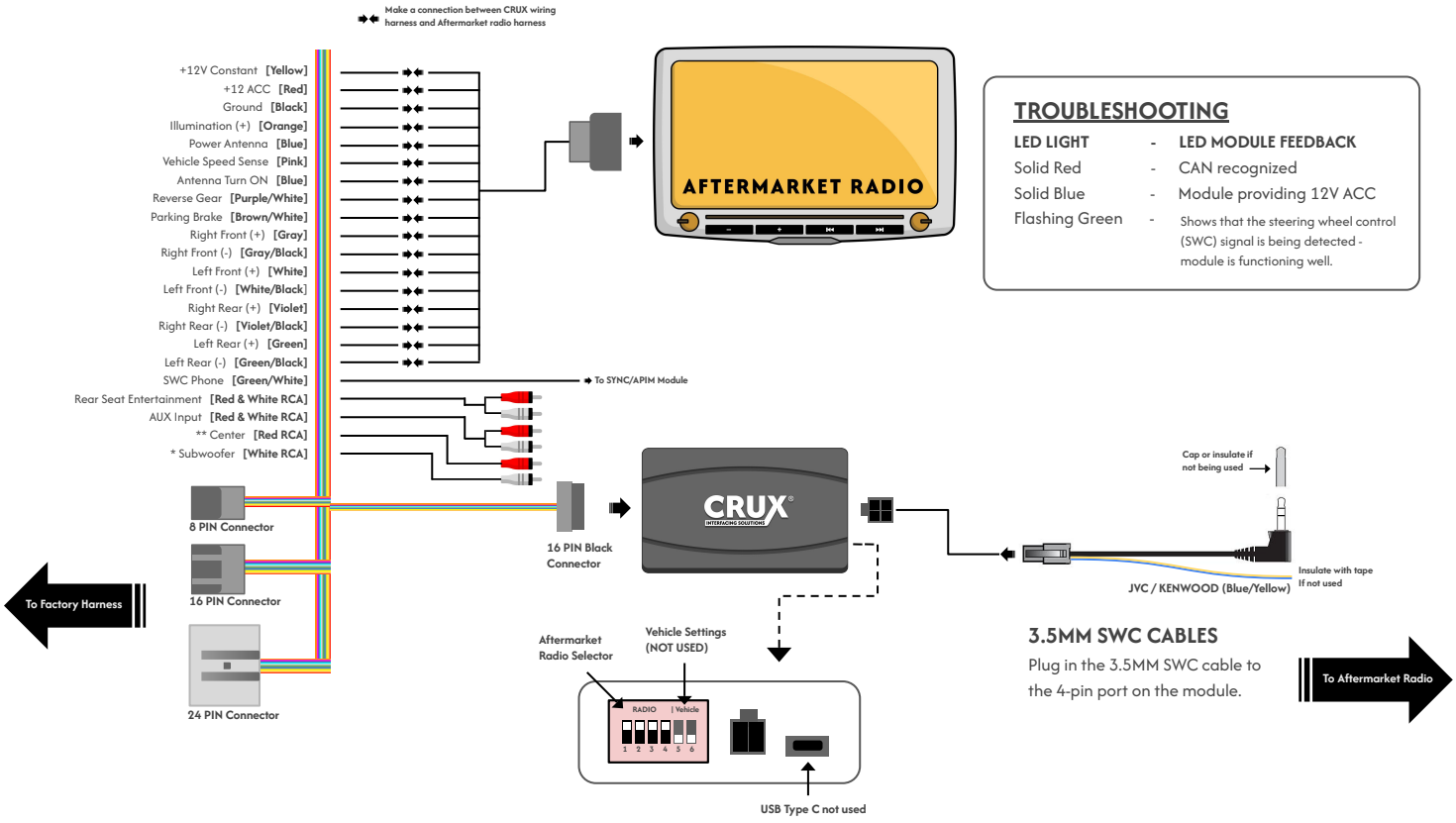


Antenna Adapter



Dash Kit

INSTALLATION DIAGRAM:



TROUBLESHOOTING

LED LIGHT	-	LED MODULE FEEDBACK
Solid Red	-	CAN recognized
Solid Blue	-	Module providing 12V ACC
Flashing Green	-	Shows that the steering wheel control (SWC) signal is being detected - module is functioning well.

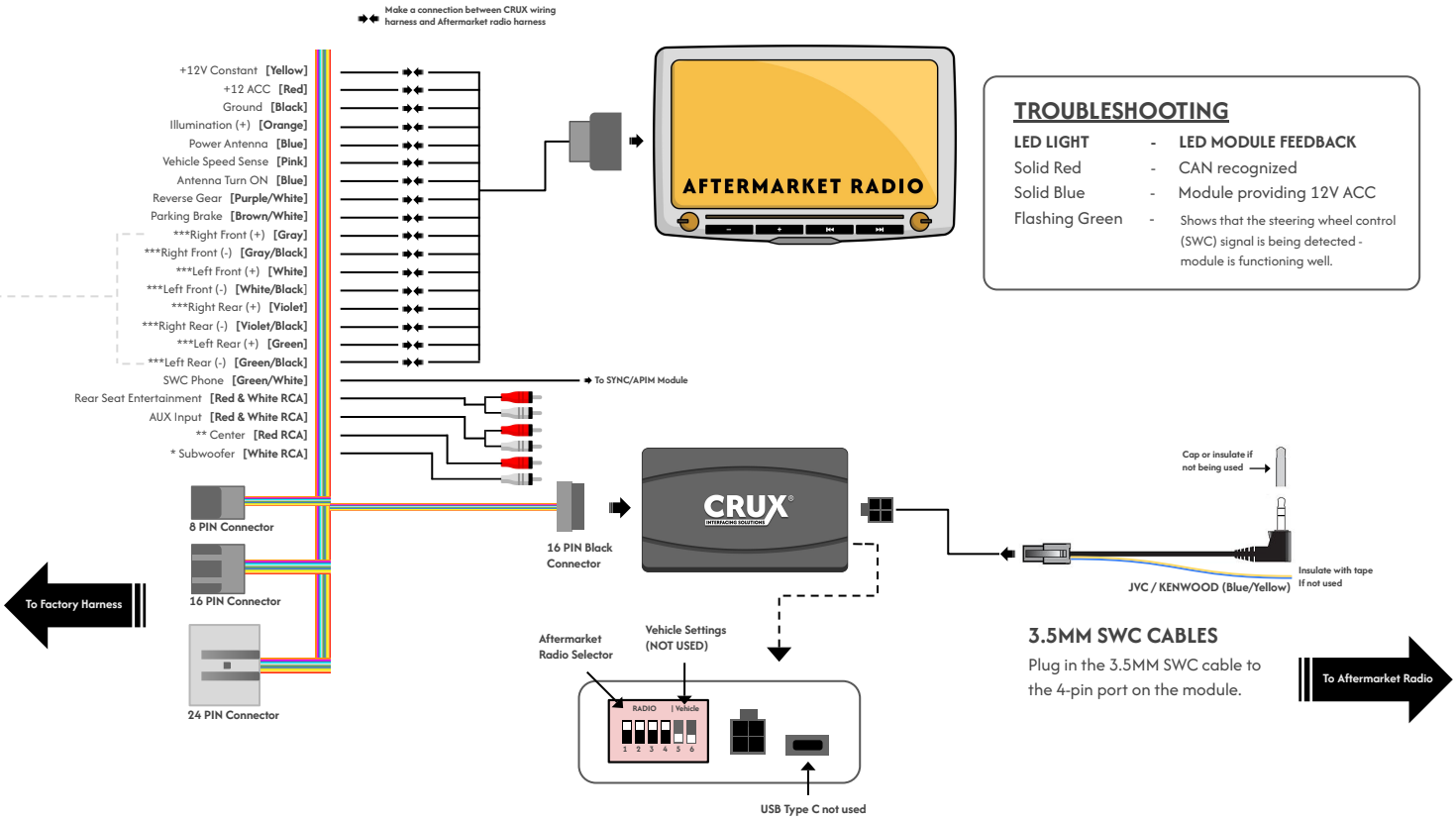
3.5MM SWC CABLES

Plug in the 3.5MM SWC cable to the 4-pin port on the module.

***Note:** Connect the white subwoofer RCA jack to the subwoofer output on the aftermarket radio. If the vehicle is equipped with a center channel speaker (located on the dashboard), connect the red center channel RCA jack to the center channel output of the aftermarket radio.

****Note:** Center channel can be connected to one of the front RCA outputs of aftermarket radio. RCA splitter 1M2F will be required to have all speakers working.

INSTALLATION DIAGRAM FOR NON-AMPLIFIED:

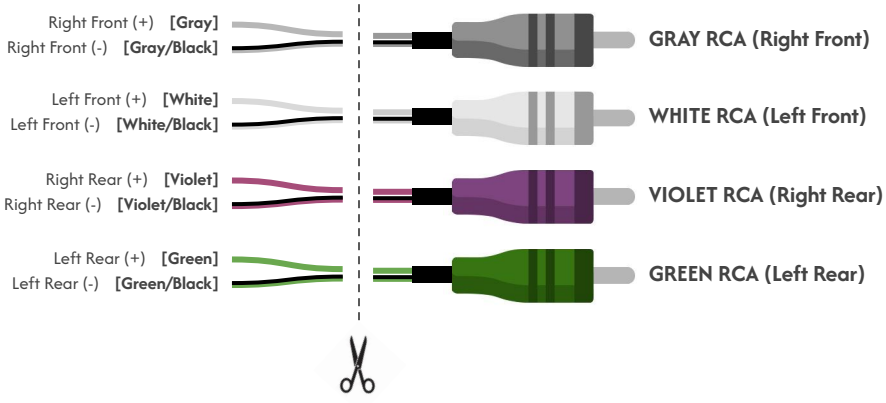


TROUBLESHOOTING

LED LIGHT	-	LED MODULE FEEDBACK
Solid Red	-	CAN recognized
Solid Blue	-	Module providing 12V ACC
Flashing Green	-	Shows that the steering wheel control (SWC) signal is being detected - module is functioning well.

***Note:** Connect the white subwoofer RCA jack to the subwoofer output on the aftermarket radio. If the vehicle is equipped with a center channel speaker (located on the dashboard), connect the red center channel RCA jack to the center channel output of the aftermarket radio.
****Note:** Center channel can be connected to one of the front RCA outputs of aftermarket radio. RCA splitter 1M2F will be required to have all speakers working.

*****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	4
Atoto, Dual, Fahrenheit, Jensen, Nakamichi		OFF	OFF	ON	ON
Pioneer, Power Acoustik, Soundstream		OFF	OFF	ON	ON
Blaupunkt, Most off-brand Radio		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 (with CarPlay)		OFF	OFF	ON	OFF
SWC Learning Radios*		ON	OFF	OFF	ON
New BOSS		ON	OFF	ON	OFF

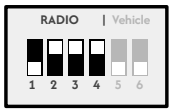
NOTE: For Atoto, Blaupunkt, Dual, Farenheit, Nakamichi, Power Acoustik, Soundstream, and most off-brand radios. Check the aftermarket radio's manual to see if the SWC buttons need to be programmed
** For SWC Learning Radios specific steps are required. Please scan the QR code on the right.*

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.



Troubleshooting for SWC Learning Radios

3.5MM SWC CABLE:

Plug in the 3.5MM to 4-PIN SWC cable to the SWC module and the 3.5MM plug to the aftermarket radio SWC port.
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 SWCl and SWC2, in this case "shield" does not need to be connected.



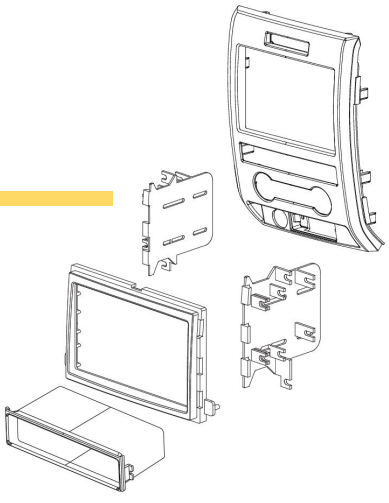
VEHICLE APPLICATIONS:

YEARS	MAKE	MODEL
2009-2012	FORD	**F-150**
2013-2014	FORD	**F-150* (with center stack radio)**

Note:

- *Not compatible with vehicles equipped with "MyTouch" OEM Radio
- Supports Sony, Shaker, THX and non amplied sound systems.

DASH KIT INSTALLATION:



Before installing the Dash Kit, transfer the necessary factory components and hardware to the new assembly.

1. Release the hazard/airbag switch panel from the original radio and climate control fascia. Reposition and secure this component into the designated opening on the Dash Kit.
2. Remove the factory 12V power outlet (cigarette lighter receptacle) and transfer it to the corresponding opening on the Dash Kit.
3. Locate the four (4) Torx screws securing the factory climate control unit. Remove the screws, detach the control unit, and reinstall it onto the Dash Kit using the original hardware.
4. Remove all factory metal retaining clips from the original fascia. Reinstall each clip in its corresponding position on the back of the Dash Kit.