

Product Features

- Retains factory features in select GM vehicles with MyLink and CUE Systems while functioning with an aftermarket radio.

Vehicle Applications

BUICK
2014 – 2015 La Crosse

CADILLAC
2013 – 2016 ATS
2014 – 2016 CTS Coupe
2014 – 2016 CTS/CTS V
2015 – 2015 Escalade
2013 – 2015 SRX
2013 – 2015 XTS

CHEVROLET
2014 – 2016 Avalanche
2014 – 2016 Impala
2015 – 2015 Malibu
2014 – 2016 Silverado
2015 – 2015 Suburban
2015 – 2015 Tahoe

GMC
2016 3500 HD
2015 – 2016 Canyon
2014 – 2016 Sierra Pickup
2014 – 2016 Yukon

Navigation / Radio Compatibility

- Works on MyLink and CUE radios

Notes

1. This interface requires the vehicle to have a factory auxiliary input.
2. This interface DOES NOT support the force RVC feature.
3. DOES NOT support the 4.3" display radio.
4. DOES NOT support VIM feature on 2016 GMC 3500 HD truck.

Parts Included

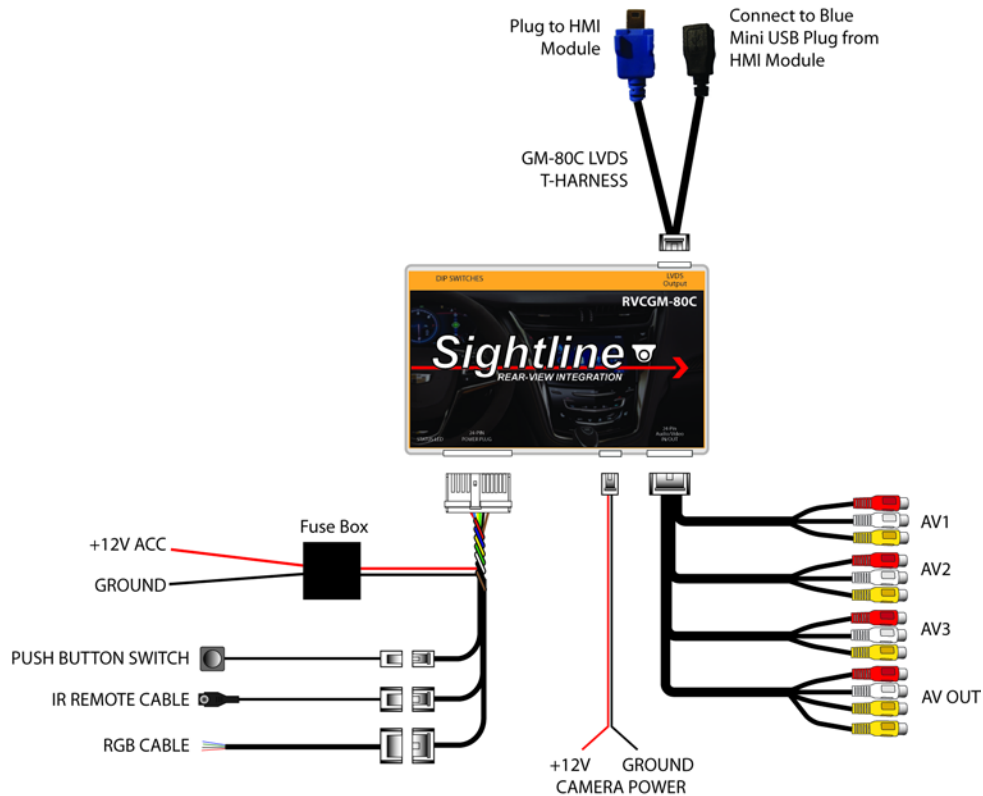
GM-80C Main Interface Module
(SW: 25-140729-14506)
GM-80C 24-Pin Power Harness
GM-80C LVDS T-Harness

12-Pin A/V Input/Output Cable
6-Pin RGB Input Cable
5-Pin Camera Power Cable

4-Pin IR Remote Cable
2-Pin Switcher Remote



Wiring Diagram



Installation Instructions

BEFORE YOU START:

- Set the parking brake before working on the vehicle.
- Disconnect the negative side of the battery to avoid short circuits during installation.
- Check that you have all the necessary parts listed on the “Parts Included” section.
- Verify that you have a secure location to mount the Multimedia / Navigation Interface box and harness staying clear of any major components or HVAC system.

CONNECTING THE INTERFACE

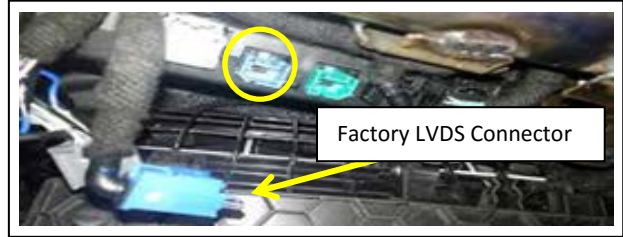
Follow these steps to properly install the interface module. Note that this interface connects to the HMI Module and not to the screen.

Step 1 - Remove the GLOVE BOX to gain access to the factory HMI module. The HMI module is located in different areas depending on the vehicle model. Below is a list of vehicles and where the HMI module can be located:



Cadillac ATS/CTS = below the glove box
Cadillac SRX = below or behind the glove box
Corvette = driver side kick panel

Once you have located the HMI module, unplug the BLUE LVDS connector. You will need to plug this to the GM-80C Main Interface Module.



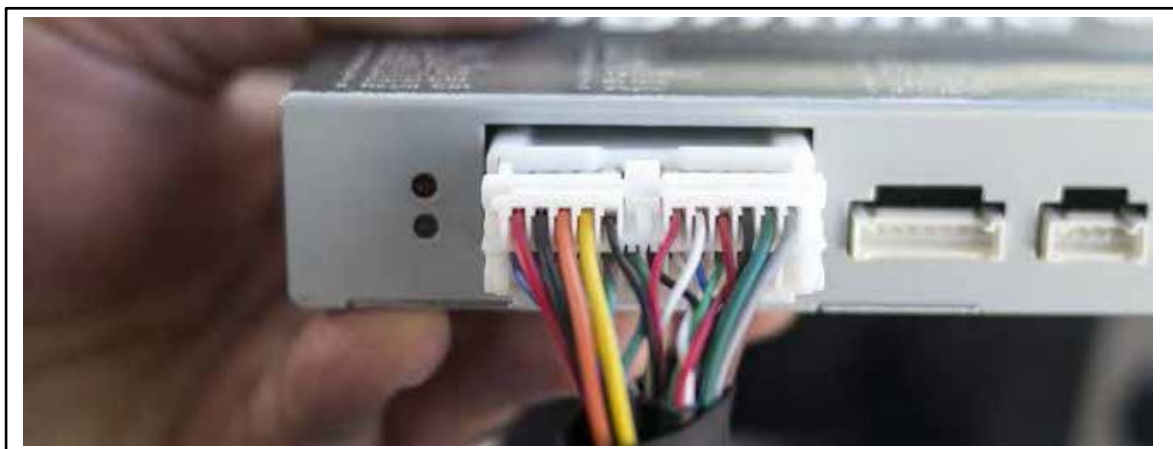
Step 2 - Using the provided 24-Pin Power Harness, connect the loose wires on the 24-Pin as mentioned below. You can tap Accessory power from the cigarette lighter (+12V switched) position.

NOT ALL LOOSE WIRES ON THE
24-PIN CONNECTOR ARE USED

RED = Accessory
BLACK = Ground
BLUE = Parking
GRAY = Reverse Input

Factory Mini USB (LVDS) connections
are mostly located on the MyLink
System box.

Step 3 - After making the connections on the 24-Pin harness, insert the 24-Pin into the Main Interface module. Make sure that the connector is properly seated into the module.



Step 4 - After connecting the module, set the proper DIP switches to the "ON" position. Make sure to set the AV sources being used to the "ON" position. NOTE: The Video-In-Motion feature does not require activation. This feature is permanently ON and will not disturb the Navigation GPS performance.

MAIN INTERFACE MODULE

CAN-BUS

DIP SWITCH DESCRIPTION

UP = ON
 DOWN =

DIP 1 = ON = RGB Enable / OFF= Disable
 DIP 2 = ON =AV1 Enable / OFF= Disable
 DIP 3 = ON =AV2 Enable / OFF= Disable
 DIP 4 = ON =AV3 Enable / OFF= Disable
 DIP 5 = Not Used
 DIP 6 = Not Used
 DIP 7 = ON = Aftermarket Camera Enable
 DIP 8 = Not Used

LED INDICATORS

DATA LINK STATUS:
 Blinking = No BUS Detected.
 Solid = BUS Recognized.
 OFF = Power Down / Sleep Mode.

POWER STATUS:
 ON = Power On
 OFF = Power Off

NOTES:

- Before connecting the main module, set the proper DIP switch to the 'ON' position.
- Make sure to set the AV source being used to the 'ON' position.
- After each change of the DIP switch settings, we recommend powering down the module, then restarting the vehicle.
- The Video-In-Motion feature does not require activation. This feature is permanently ON and will not disturb the GPS performance.

CONNECTING YOUR CAMERA TO THE INTERFACE

Follow these steps to properly install the CAMERA and other Devices to the interface module.
 (CAMERA NOT INCLUDED)

Step 5 -Connect the 5-Pin Camera Power Cable to the module and use the RED and BLACK wires on this cable to power the rear-view camera. **RED** = +12V / **BLACK** = GROUND

Step 6 - Connect the 24-Pin AV Input/Output Cable to the Main Interface module. Connect the Camera and other Devices to the inputs on this cable. See labels on the cables for descriptions. The AV outputs can be used to go to an external monitor.

Use the included 3.5 to RCA cable for the audio out to your factory AUX IN. (Interface requires radio to be on AUX input Mode)

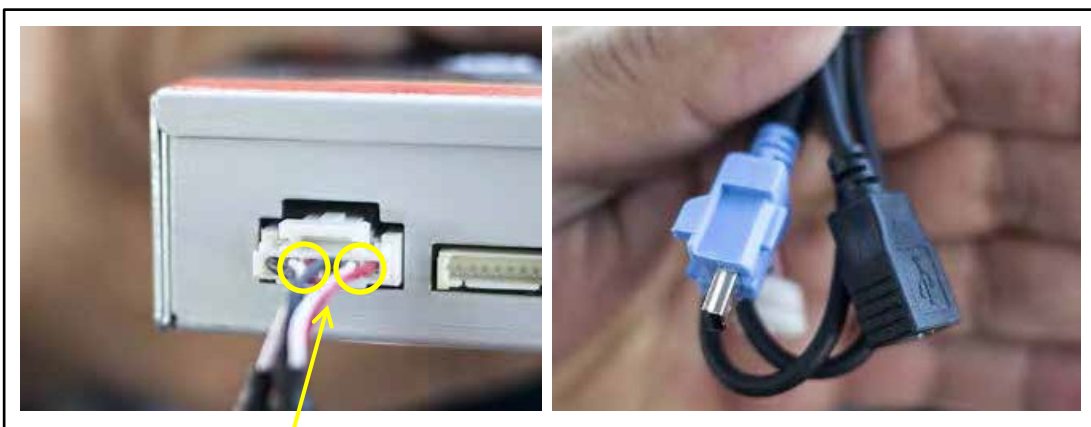




OTHER CONNECTIONS

These steps will help you with using the additional connectors on the main 24-Pin Power Harness.

- Step 1** - Plug the factory BLUE Mini USB to the black female USB of the GM-80C LVDS T-Harness.
Insert the BLUE Mini USB of the GM-80C LVDS T-Harness to the factory HMI module. Connect the 6-Pin GM-80C LVDS T-Harness to the GM-80C Main Interface Module.

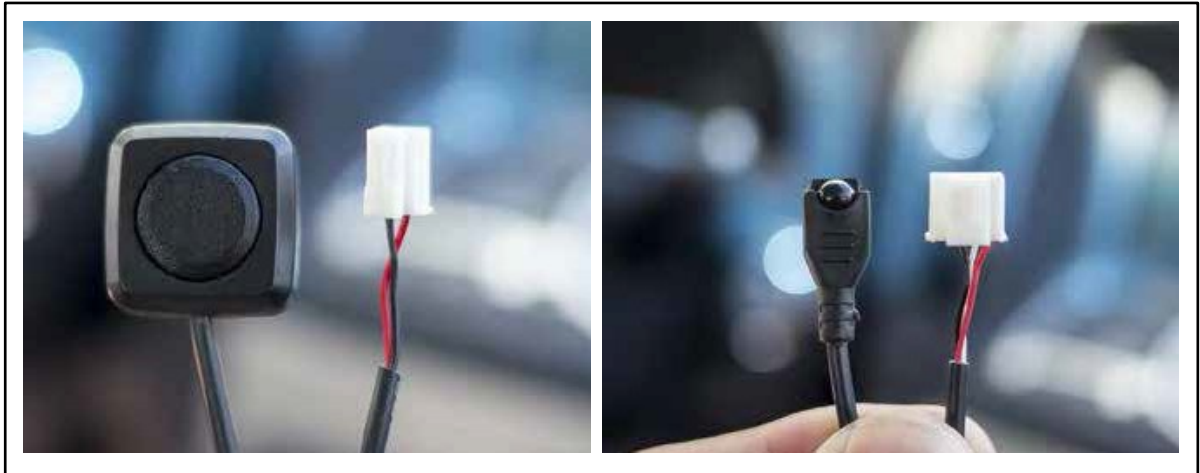


NOTE ON CUE SYSTEMS:

If display does not show video, reverse the RED and WHITE wires on the 6-Pin GM-80C LVDS T-Harness.



Step 2 - Connect the 2-Pin Switch Cable if you are looking to switch the sources using the included switch. Connect the IR Remote if you would like to extend the IR Eye to a different location.



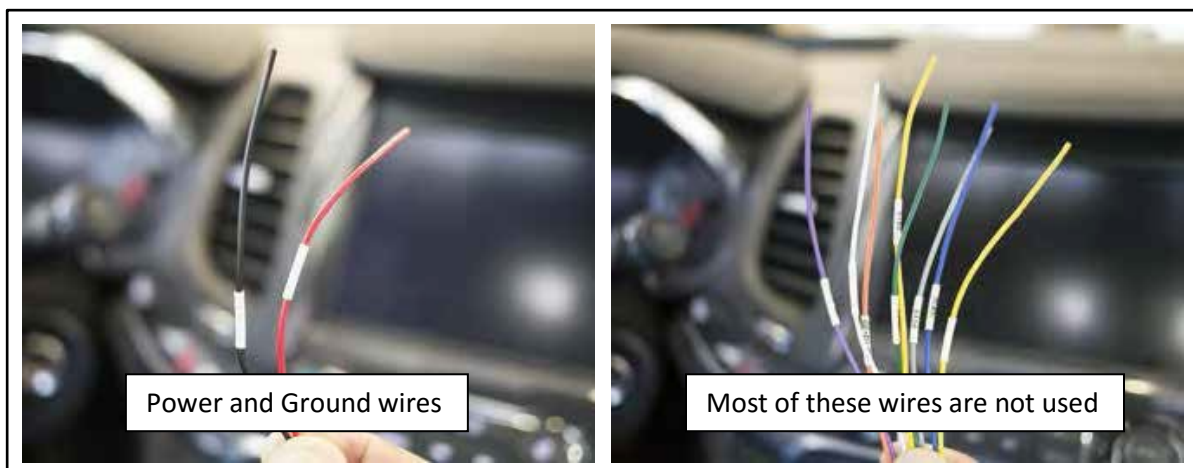
POWERING THE MODULE AND OTHER FEATURES

These steps will help you with connecting the loose wires.

Step 1 - Connect the RED power wire to the ACC +12V on the cigarette lighter. GROUND the black wire to your desired location.

Step 2 - Most of the loose wires are not required to be used. The most important wire to use is the GRAY (reverse input). Connect the GRAY wire to the reverse LAMP.

You can also use the BLUE wire on this harness to enable the AV INPUTS. Connect the BLUE wire to GROUND.

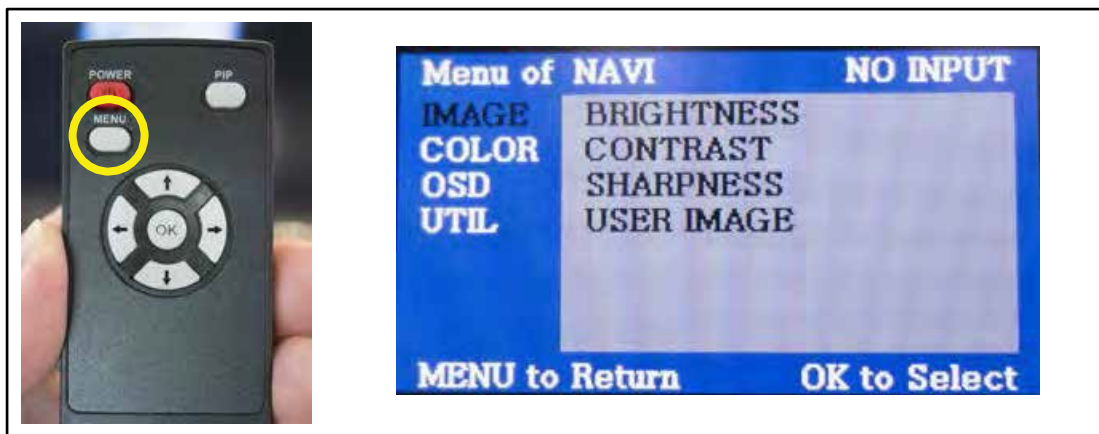


USING THE MENU OPTIONS ON IR REMOTE

These steps will help you with turning on certain features. Make sure the IR receiver is in a clear view for the IR Remote to contact.

Step 1 - In order to access the Menus you must be in the AV source. Use the OK button on the IR remote to switch sources (same function as momentary switch included).

There are two menus on the interface. Use the arrows to navigate the menu. Press the MENU button on the Remote to access the main menu. See options below.



Step 2 - To access the second menu set up, **press and hold the left arrow for 3 seconds** while in the AV source. This will bring you to a custom menu. Use the arrows to navigate the menu.

Make sure the safe enable is set to ON. This is in case you are not using the BLUE loose wire on the harness. (Same function as BLUE wire)

Use the arrows to navigate the menu.

The image shows a screenshot of a blue menu screen titled 'Menu of FACTORY(DU. -140514)'. The screen lists several options: IMAGE, PARK, UTIL, UTIL2, PARK ENABLE, PARK SETUP, REAR SELECT, and SAFE ENABLE. At the bottom of the screen, it says 'MENU to Return' and 'OK to Save'.



Make sure the REAR
SELECT is set to LAMP; also
make sure to connect the
GRAY wire to the REVERSE
LAMP wire.

Use the arrows to navigate the menu.



COMPATIBLE RADIOS:

MyLink Radio



CUE Radio

