

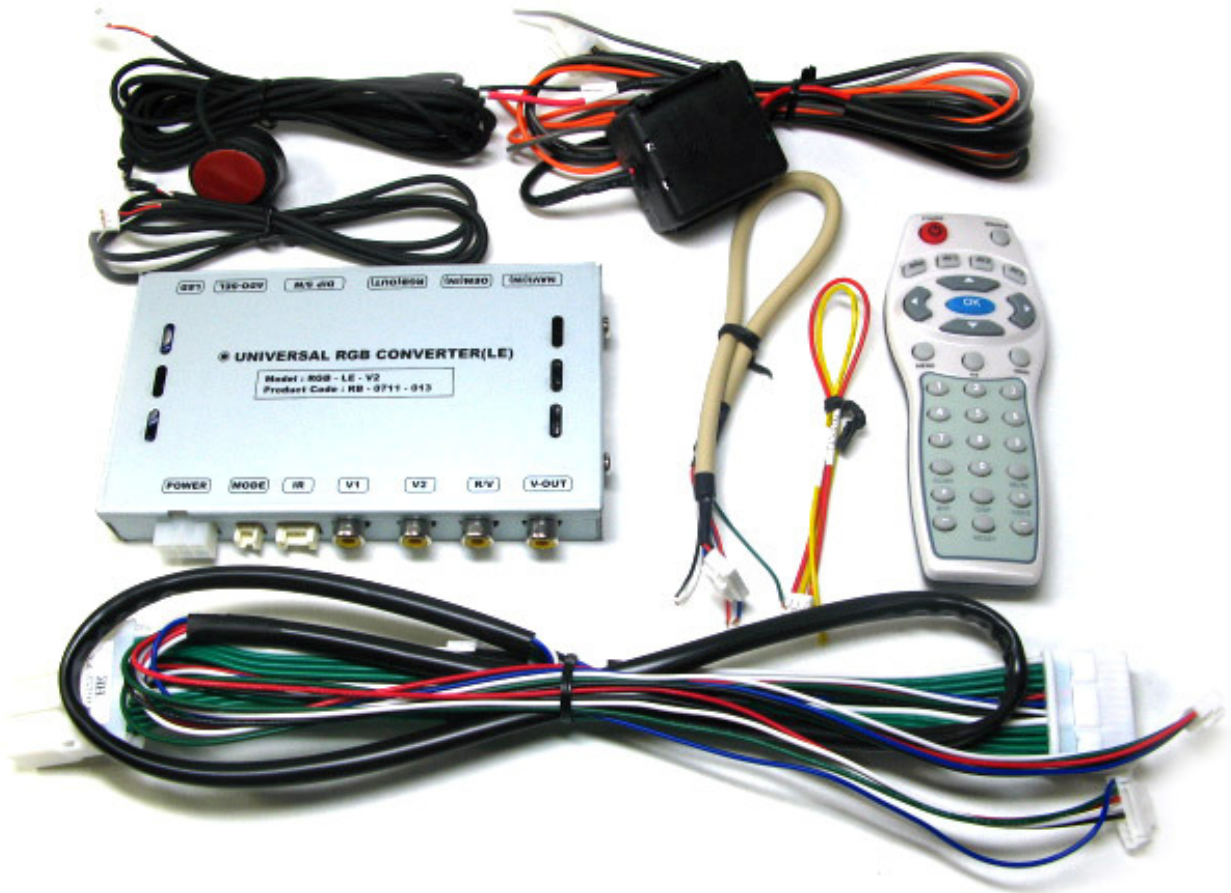
# NAV VIDEO

.COM

**IMPORTANT NOTE:**

**Technical support** on this product is only available via e-mail. Before submitting a technical support e-mail please thoroughly read through this installation guide and double check your installation.

If you have a technical question please send an e-mail to [support@navvideo.com](mailto:support@navvideo.com). Technical support e-mails will be returned within 2 business days.



## NV\_RGB3\_X

OEM Navigation Dual Video Input Interface Module With Wiring Harness

**Pre-Installation Disclaimer:**

By purchasing and installing our products, you agree that NAV VIDEO Inc., its employees and affiliates cannot be held responsible for any accidents, tickets, misuse of products or damage caused to your vehicle. The driver must always keep their eyes and attention on the road at all times. Our products are intended for passenger entertainment and off-road use. In some states it is illegal to have a TV viewable by the driver while the vehicle is in motion, please obey your state laws. In addition it is your responsibility to provide this disclaimer to any party that may purchase your NAV VIDEO navigation interface from you, in or out of your vehicle. NAV VIDEO cannot be held responsible for discrepancies, or inconsistencies that may occur due to vehicle manufacturing changes. Please adhere to all state and federal laws when operating your video interface.

**RGB Module Wiring Diagram**

The NV\_RGB3\_X Video Interface has a number of connections and controls on the module, they are outlined below:

NAVI IN	RGB Video Input to allow the addition of an aftermarket navigation unit that has an RGB output
V1 IN	Composite video input for any video device
V2 IN	Composite video input for any video device
RV IN	Composite video input for aftermarket backup camera video device. Will trigger when 12V DC is applied on reverse line.
V OUT	Will output video from V1, V2 or RV depending on which is currently selected.
NAVI IN – RGB OUT	These connectors is where the OEM wiring T-harness connects to.
MODE	Where the external black video switching button connects to. This button will toggle between the various inputs.
RED WIRE	12V DC Input
BLACK WIRE	Ground
GRAY WIRE	Reverse trigger. When 12V DC is applied to this wire, AV2 will automatically be displayed on the screen. This is often used for a reverse camera setup.
ORANGE WIRE	I-DRV CAN Control. Not used

**General Installation Instructions:**

- Turn your vehicle off and disconnect the power (if possible)
- Remove LCD screen / radio assembly from dash.
- Find OEM harness that matches up with the T harness provided. *PLEASE NOTE, some Nissan vehicles will have TWO identical connectors, one at the radio, one at the LCD screen (often hidden) the module needs to connect to the LCD screen connector, not the radio one!*
- Unplug the OEM connector from behind the LCD screen and connect it to the inverted side of the connector on our wiring harness.
- Plug the connector from our wiring harness into the location that the OEM connector was unplugged from behind the LCD.
- Connect appropriate wires and video sources as described in the above diagram.
- Reconnect power (if applicable) and turn vehicle on and test the module video switching with the remote.
- Re-assemble the dash and put the LCD screen back into place.

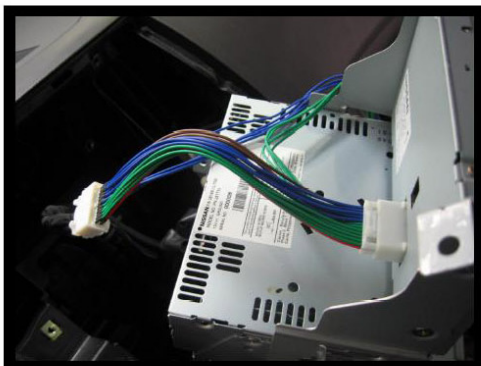


*The image to the left shows an installation into an Infiniti FX 35 / 45, however the install is very similar for any Nissan or Infiniti Vehicle.*

1. Remove the lower part using tool and pull the cover forward to remove it.  
Don't pull it so hard because there is RIBON CABLE.



2. Unscrew the bolt and pull the monitor forward. After that, disconnect the connector on back of the LCD.



3. Connect the connector of interface and then connect DVD, DMB and NAVI.

POWER : Mode is changed on only headrest monitor by this button, when front monitor shows Navigation or Rearview camera, Main.  
 SOURCE : When to change mode, you can change mode by this button.  
 Navi : To change mode to Navigation directly  
 AV1 : To change mode to A/V source you connected to A/V1 directly  
 AV2 : To change mode to A/V source you connected to A/V2 directly  
 AV3 : To change mode to A/V source you connected to A/V3 directly  
 ▲ : Increasing  
 OK : Select  
 ▼ : Decreasing  
 MENU : To enable OSD Menu  
 4:3 : To convert screen rate from 4:3 to 16:9 or 16:9 to 4:3  
 Main : To change to Main mode directly  
 Scan : Not available  
 Mute : Not available  
 Disp : Currency A/V source screen display  
 Reset : To make all value to factory default.  
 Cont. : To adjust Color under OSD (Hot Key)  
 Brt. : To adjust Brightness under OSD (Hot Key)