NAV-TV
INTERFACING THE FUTURE

3950 NW 120th Ave, Coral Springs, FL 33065 TEL 561-955-9770 FAX 561-955-9760
www.nav-tv.com   info@nav-tv.com

RGB-Mv2

NTV-KIT905

Overview

The RGB-Mv2 adds an aftermarket backup camera to the factory navigation screen in the '04-'08 Maserati Quatroporte. A secondary video input is included on the RGB module and can be viewed at any time by supplying power to an input wire (optional).
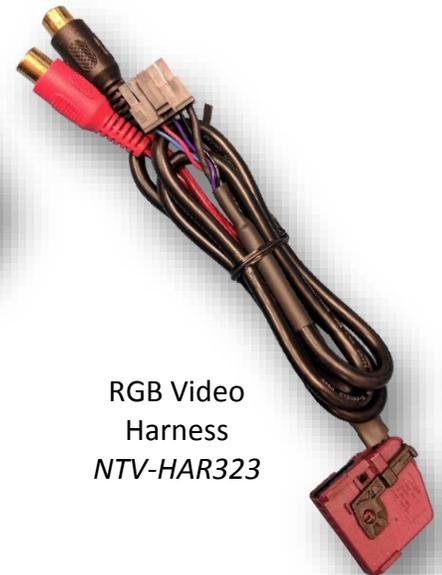
Kit Content

RGB Power Harness
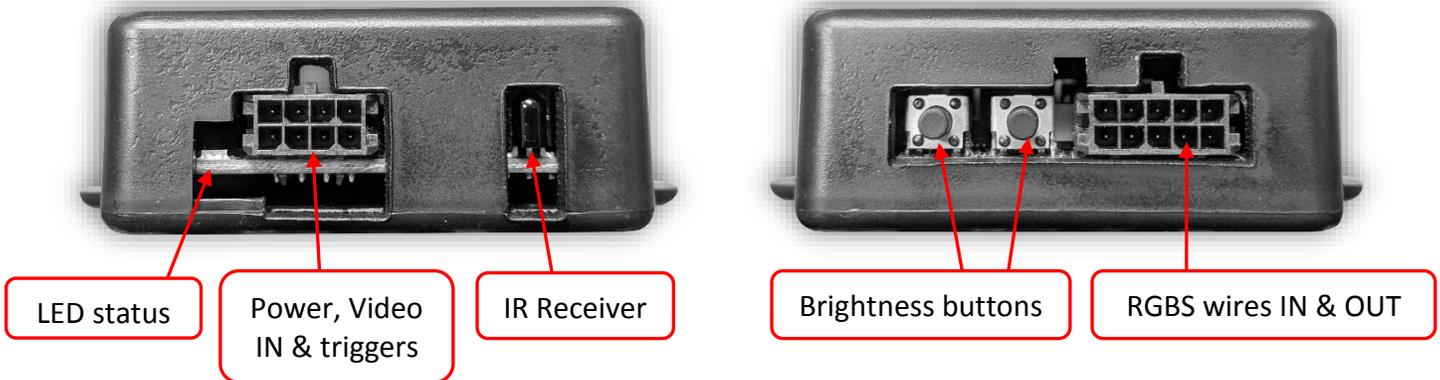*NTV-HAR324*

Remote Control
NTV-REM004

RGB Converter
NTV-ASY254

RGB Video
Harness
NTV-HAR323

RGB-Mv2 Interface Connectors

LED status | Power, Video IN & triggers | IR Receiver | Brightness buttons | RGBS wires IN & OUT

RGB-Mv2 Pin Out

PIN #	Description	Color
1	Ground (-)	Black
2	INPUT 2 (AUX VIDEO)	White/Blue
3	Shield (VIDEO 2)	Black
4	Signal (VIDEO 2)	Yellow
5	12v (+) ACC IN	Red
6	INTPUT 1 (CAM VIDEO)	White/Red
7	Shield (VIDEO 1)	Black
8	Signal (VIDEO 1)	Yellow

Power Harness
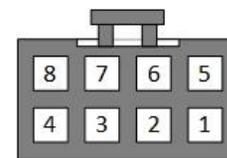
Wire Side

| PIN #	Description	Color
1	RGB Ground	Black/Shield
2	SYNC (screen)	Gray
3	Blue Signal (screen)	Blue
4	Red Signal (screen)	Red
5	Green Signal (screen)	Green
6	RGB Ground	Shield
7	SYNC (radio/NAV)	Brown
8	Blue Signal (radio/NAV)	Purple
9	Red Signal (radio/NAV)	Orange
10	Green Signal (radio/NAV)	Yellow

RGB Video Harness
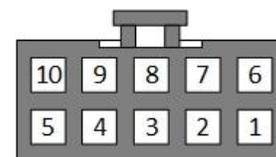
Wire Side

RGB-Mv2 Installation

1) Remove the hidden screw in the bottom of the cup holder and remove the entire panel by gently lifting and pulling the panel towards the rear of the vehicle and away from the bottom of the radio.
2) Remove the upper vents with a soft pry tool, pulling out towards the rear of the vehicle.
3) Remove the two screws behind the upper vents on the right and left side of the opening.
4) Remove the bottom left and right screws that were covered by the cup holder panel in step 1.
5) The radio and AC controls are attached to the entire panel and the entire assembly comes out in one piece.
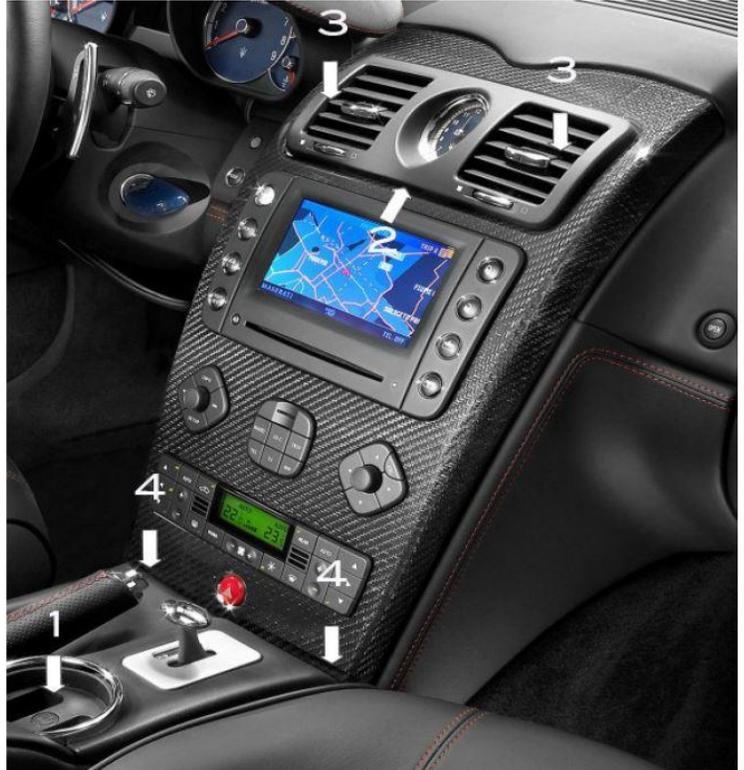
6. Connect the provided Plug & Play adapter to the port on the rear of the radio, and the other end to the RGB-Mv2 module at the 10-pin plug.

7. Proceed to *RGB-Mv2 Power Connections.*

RGB-Mv2 Power Connections

1. From the provided **RGB Power Harness**, connect the **black wire** to chassis ground (-) and the **red wire** to an ACC 12v (+) source (cigarette lighter, etc).
2. Connect the **white/red wire** (INPUT 1) to a 12v (+) reverse wire. Any time this wire receives 12v (+), the video signal provided to **VIDEO 1** will be displayed on the media screen (while in NAV mode from the radio).
3. **Optional:** If adding a secondary AUX Video source to this vehicle, connect the video signal RCA to the **VIDEO 2** port on the *Power Harness*. This source can be viewed at any time when the **white/blue** (INPUT 2) wire receives 12v (+). *NOTE: VW not supported for additional AUX video input.*

RGB-Mv2 Remote Control / Brightness Setting

- The RGB-Mv2 uses a (provided) remote for the following optional adjustments:
  - Arrow keys adjust VIDEO 1 or 2 image *LEFT, RIGHT, UP & DOWN* (*OEM pass through image is not adjustable*)
  - Zoom/Page arrows adjust brightness
  - Pressing *MENU>MAP>BACK* (in order) will *default* all settings.
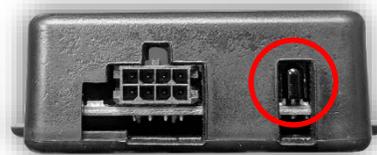
- To adjust brightness of VIDEO 1 or 2 image, use the buttons on the RGB side of the module and adjust to suit. *NOTE: when completing install, mount the RGB-Mv2 module so that the buttons are not being pressed.*
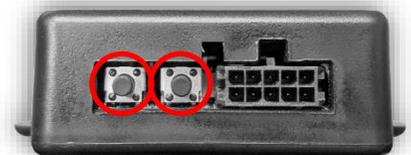
RGB-Mv2 Operation

After all connections are properly made:

- When the vehicle is placed into reverse (white/red wire on the interface receives 12v +), the navigation screen will switch to **Video 1** source (reverse camera).

- In any other gear (but reverse) toggling the white/blue wire (12v (+) to the white/blue wire) will switch the factory navigation screen to **Video 2** source*.