

# NAV-TV

INTERFACING THE FUTURE

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BHM  
11/29/17  
NTV-DOC174

## MERCEDES RGB

NTV-KIT274  
w164/w211/w220



### Overview

This manual is for proper installation for the NAV-TV MERCEDES RGB with a previously modified radio.

### Kit Contents



AV Toggle Switch



IR Eye



NAV Input Cable



RGB Interface



IR Remote



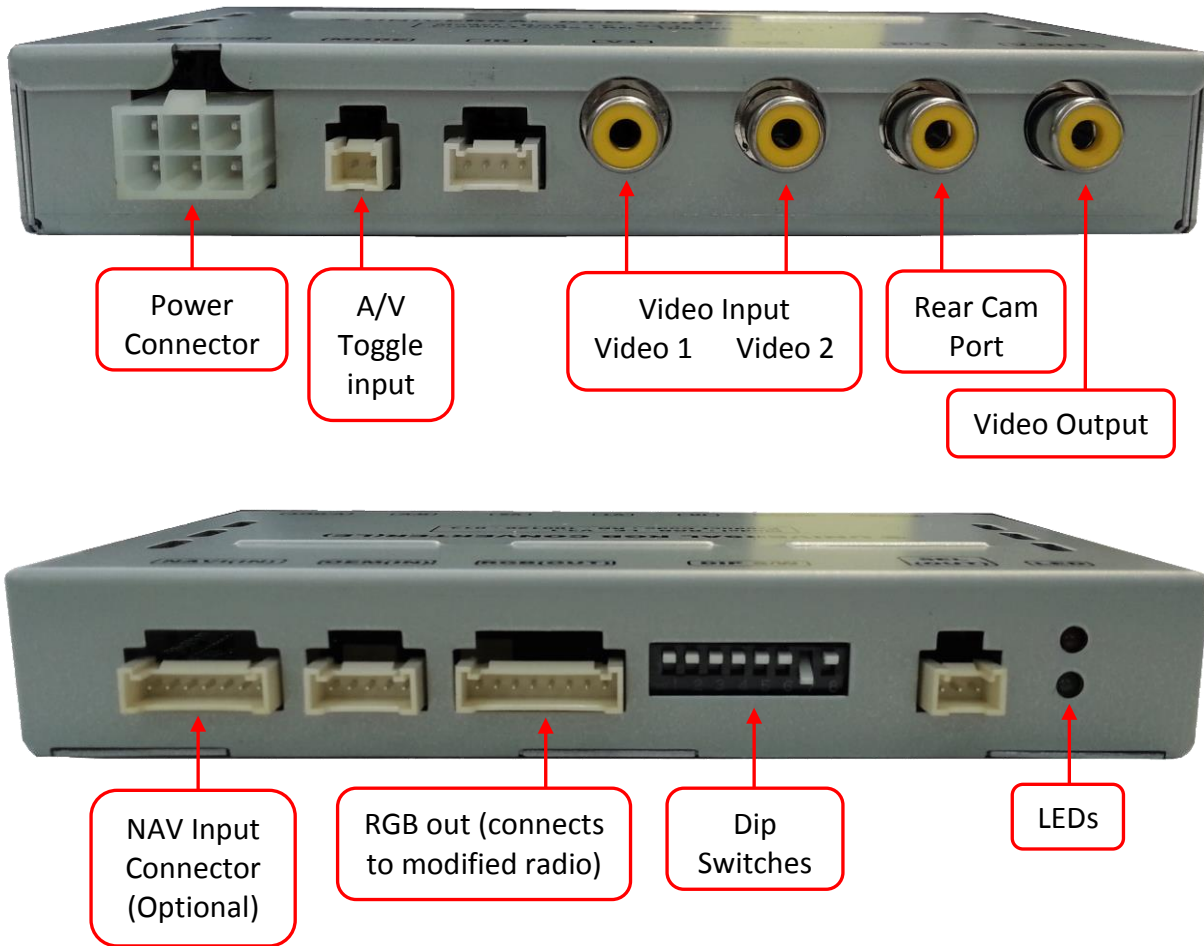
RGB Cable



Power Harness

Agreement: End user agrees to use this product in compliance with all State and Federal laws. NAV-TV Corp. would not be held liable for misuse of its product. If you do not agree, please discontinue use immediately and return product to place of purchase. This product is intended for off-road use and passenger entertainment only.

RGB Interface Connectors



Dip Switch settings

Dip SW:	1	2	3	4	5	6	7	8
UP	Enables RGB	Enables V1	Enables V2	Enables V3	N/A	N/A	Deactivates Rev-Cam	N/A
DOWN	Skips RGB	Skips V1	Skips V2	Skips V3	N/A	N/A	Activates Rev-Cam	N/A



**\*Note: after adjusting Dip Switches, you must disconnect and reconnect power to the interface or the change will not be implemented.**

Power Connector Pin out

PIN #	Description	Color
1	Ground (-) input	Black
2	-Not Used-	Orange
5	12v ACC (+) input	Red
6	Reverse Trigger 12v (+) input	Gray



Installation

1. Connect the following wires from the provided **Power Harness** to the car:

PIN #	Color	Connect to car:
1	Black	Ground (-)
5	Red	12v ACC (+)
6	Gray	Reverse Trigger 12v (+)



2. Connect the provided **RGB Cable** to the port on the interface labeled **'RGB(OUT)'**\*

**\*Note: Some RGB cables may be already connected from inside the radio. Other modifications require the connection for both ends by the installer.**



3. Connect your camera's RCA signal to the port on the interface labeled **'R/V'**. Whenever you place the car in reverse, the image provided to this connector will be displayed on screen (this image will take precedence over any other image).



4. **Optional:** Connect provided **AV Toggle Switch** to the port on the interface labeled **'MODE'** and with each press of this toggle will scroll through signals provided to the ports **AV1 & AV2**.

