

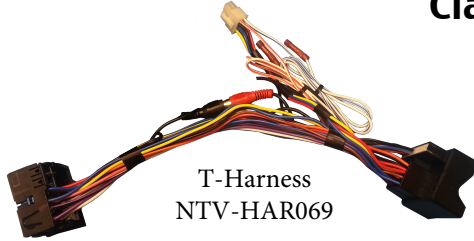
Camera Interface for 2006-Up Mercedes-Benz GL, ML, R Class SUV's

X164

NTV-KIT041

Kit Contents

Compatible with Alpine made US MCS Comand Head units. Mercesed P/N ending with 1779, 1789, 3879, 4089, 4079 3689. See 3rd page picture for example. Not compatible with Models not listed or European Head units



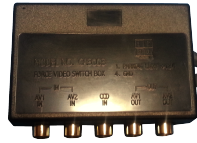
T-Harness
NTV-HAR069



X164 Module
NTV-ASY107



USB Cable
NTV-CAB009



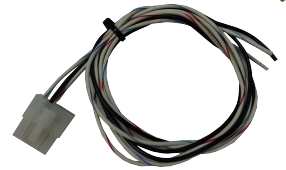
V1 Switcher shown here, this has been replaced with the VSW-R in 03/15



VSW-R I/O Harness
NTV-HAR301



VSW-R Board
NTV-ASY187



VSW-R Trigger Harness
NTV-HAR066

Operation Instructions

To Activate Rear View Camera	Fig. 1 - Vehicle in Reverse
With the brake depressed and engine running, engage reverse gear.	
Rear View Camera picture will show on COMAND screen.	
To Activate Video Monitoring	Fig. 2 - Video Activation
Press the steering wheel (+) and (-) buttons simultaneously to activate Video.	
Pressing any MODE button will return the screen to it's normal operation mode. OR:	
Press the steering wheel (hang) and (-) buttons simultaneously to deactivate Video.	

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 it's 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.

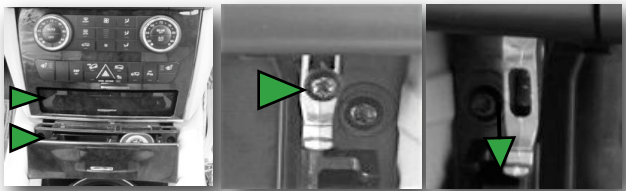
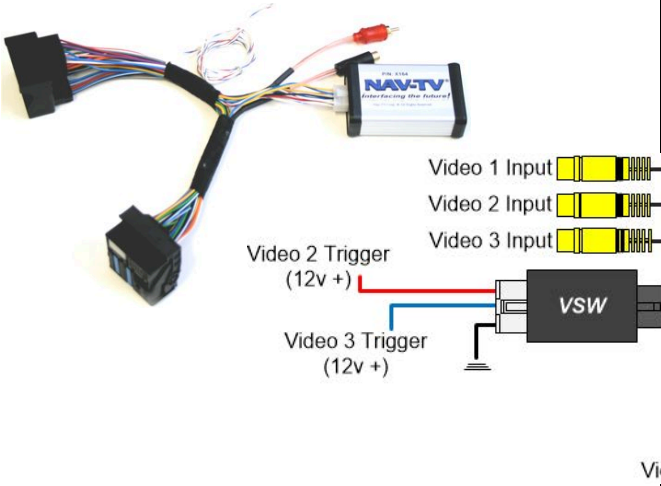
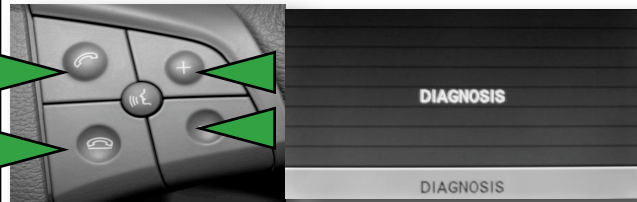
WARNING: Check entire surroundings while backing. Do not become distracted by using COMAND.

X164

Camera Interface for 2006-Up Mercedes-Benz GL, ML, R Class SUV's

Compatible with Alpine made US MCS COMAND Head units, Mercedes P/N ending with : 1779, 1789, 3879, 4089,4079 3689
 Not compatible with Models not listed or European Head units

Installation Instructions

Remove Radio	Fig. 1 - Radio Removal (GL Class)				
<ol style="list-style-type: none"> 1. Remove TORX Screws behind ashtray. 2. Remove ashtray. 3. Pull, remove bottom of A/C Wood Trim. 4. Remove TORX Screws securing locks. 5. Pull down locks, Remove Radio. 					
Wiring	Fig. 2 - Car Wiring Vs. X164				
<ol style="list-style-type: none"> 1. Unplug factory power connector from radio. Plug in the X164 adapter harness to factory harness, Radio and X164 Module. 2. Female RCA: Video input to COMAND. Connect to Video source or Camera, or to supplied video switcher if 2 video sources are present (Video OUT). 3. Male RCA: Output of Factory Camera. Plug into switcher If camera present (Video 1). 4. Video Switcher: connect Black wire to ground, White/Red wire to White / Blue on X164 (Reverse +12V out). The switcher will then activate automatically when in Reverse. 	 <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: center;">White / Blue</td> <td style="text-align: center;">+12V Reverse OUT, 500mA</td> </tr> <tr> <td style="text-align: center;">White / Red</td> <td style="text-align: center;">+12V Acc. OUT, 500mA</td> </tr> </table>	White / Blue	+12V Reverse OUT, 500mA	White / Red	+12V Acc. OUT, 500mA
White / Blue	+12V Reverse OUT, 500mA				
White / Red	+12V Acc. OUT, 500mA				
Programming - Proceed only once !	Fig. 3 - Programming				
<p>Simultaneously Press the steering wheel (Talk) and (Hang) and (+) and (-) buttons to program radio. Observe the DIAGNOSIS message on the radio followed by a radio reset.</p>					

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A 164 820 17 79

MODEL MCS
MODEL NO. BB0630
FM:87.7 – 107.9MHz
AM:530 – 1710KHz
WB:162.40 – 162.55MHz

12V D.C. NEGATIVE GND.

ASSEMBLED IN MEXICO

Q2

THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES. OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS:

- (1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE.
- (2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIREED OPERATION.

PRODUCT IS CERTIFIED BY THE MANUFACTURER TO COMPLY WITH DHHS RULE 21 CFR SUBCHAPTER J APPLICATION AT THE DATE OF MANUFACTURE.

MANUFACTURED:

2006 NOVEMBER AP

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