

NAV-TV

www.nav-tv.com

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NTG3 / NTG3E /NTG3SLK

2009-up Mercedes GL/ML/R/E/CLS/SLK New Generation
Backup camera / AV input / RSE / Video In Motion interface

Product Description

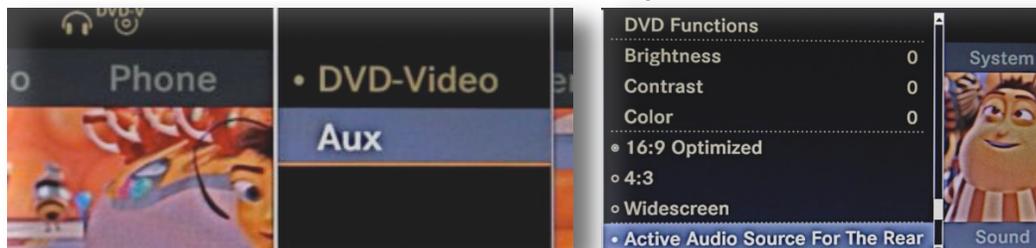


Thank you for purchasing the NTG3, a multi-featured integration interface designed specifically for 2009 Model Year Mercedes Vehicles equipped with next-generation radios.

Backup Camera: Vehicles not equipped with a Backup Camera can be retrofitted with a Camera in an OEM fashion. Programming is done via the NTG3 interface, All required wiring is included; OEM-Grade Cameras are available separately from NAV-TV.

Rear Seat Entertainment: Adding Rear screens, headphones and rear DVD players could not be easier. The NTG3 interface comes standard with zoned A/V outputs. The front DVD player can be used to drive rear screens, even while the driver is listening to Radio, HD, MP3's, iPod or SAT radio. Rear passengers can enjoy iPod, Radio or SAT music while the driver listens to CD's. Additionally, a rear mounted DVD player or Video iPod could be routed to the radio for Front passenger entertainment (Not for the driver's use while operating the vehicle, see Agreement below). An additional AUX Audio input labeled REAR is available as well for CE devices such as Music players.

Video-in-motion: Where applicable by law, and for passenger use only, Front DVD and AUX video could be enabled while the vehicle is in motion. Please do not drive and watch movies! it is illegal in many states and most importantly - dangerous.



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

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.

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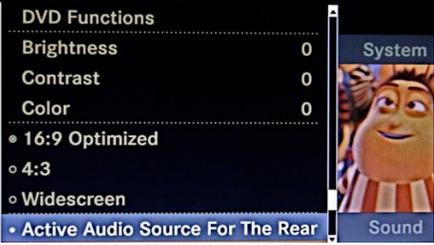
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NTG3 / NTG3E / NTG3SLK

2009-up Mercedes GL/ML/R/E/CLS/SLK New Generation Backup camera / AV input / RSE / Video In Motion interface **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 will show on radio screen.	
To Activate AUX Video	Fig. 2 - AUX Video
Select "Video" Select "Aux"	
To Set Active Audio Source For the Rear	Fig. 3 - RSE
Select the source name at the bottom-left of the screen (example - "DVD-Video") Select "Activate Audio Source For The Rear" <i>Selected Audio source and DVD / AUX Video are now available for rear headphones and screens (if installed)</i>	
To Activate Video in motion (GL, ML, R Class)	Fig. 4 - Video in motion
Double click the  (Voice Off) button. Repeat to de-activate video in motion. <i>NOTE: Navigation does not track while VIM is active.</i>	
To activate Video in motion (E, CLS, SL Class)	Fig. 5 - Video in motion
Press VOL UP and SEEK UP simultaneously. Repeat to de-activate video in motion. <i>NOTE: Navigation does not track while VIM is active.</i>	
To activate Video in motion (SLK Class)	Fig. 6 - Video in motion
Press VOL UP and VOL DOWN simultaneously. Repeat to de-activate video in motion. <i>NOTE: Navigation does not track while VIM is active.</i>	

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NTG3 / NTG3E / NTG3SLK Installation Instructions

Remove Radio

1. Remove 2 TORX T20 Screws behind ashtray, unplug and remove ashtray.
2. Using a plastic trim tool, carefully pop out A/C control trim, Then unplug.
3. Remove 2 TORX T20 screws below radio, then move metal locking tabs DOWN.
4. Pull radio out and unplug.

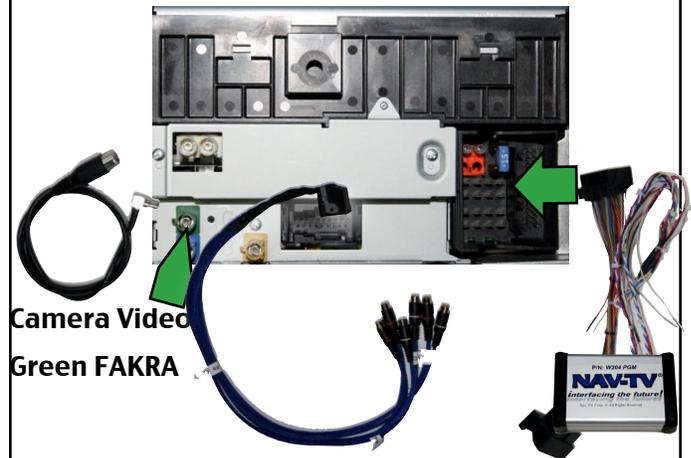
Fig. 1 - Radio Removal (GL)



Wiring - NTG3

1. Unplug factory power connector from radio.
2. Remove Fiber connector from factory plug by releasing the latch and pulling the connector outwards. Plug Fiber connector into supplied plug and play harness connector.
3. Plug in the NTG3 adapter harness to factory harness, Radio and NTG3 Module.
4. If adding Rear-view Camera: Plug video cable to Green FAKRA, Connect to Camera.
5. Plug supplied A/V harness into Black 18-pin connector. connect as needed: A/V out, AUX Video in, Secondary (RSE) Audio in.
6. For your convenience, The following OUTPUTS are included. DO NOT EXCEED 500mA !!!
White / Purple: +12V VIM Mode, 500mA
White / Green: +12V Acc. OUT, 500mA
(connect to Camera or turn on for RSE)

Fig. 2 - Plugs at rear of Radio



NOTE: The 3.5mm Audio jack in the glovebox is shared for both AUX modes, AUX Audio and AUX VIDEO. If installing an additional A/V source such as Video ipod, Rear DVD Player etc., the AUX Audio port will be occupied.

We advise to use the secondary AUX Audio Labeled "REAR" on the AUDIO Menu as a substitute AUX Audio source and run a new 3.5mm jack or Stereo RCA's to the glovebox (Jacks not included).

Please inform your customer of the changes if needed.

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NTG3 / NTG3E / NTG3SLK Programming Instructions

**Note: Prior to programming,
Shut the vehicle off and remove the key for 30 seconds, Then turn the key to IGN ON.**

Rear View Camera		GL, ML, R Class		All Features		E & CLS	
ON: Press and hold 6 seconds: VR OFF + TALK				ON: Press and hold 30 seconds: VOL UP + SEEK UP			
OFF: Press and hold 6 seconds VR + TALK				OFF: Factory Reset E & CLS Press and hold 30 seconds: VOL DOWN + SEEK DOWN			
RSE		GL, ML, R Class					
ON: Press and hold 6 seconds: VR OFF + VOL DOWN				All Features		SLK	
OFF: Press and hold 6 seconds: VR + VOL DOWN				ON: Press and hold 30 seconds: TALK + HANG			
AUX Video		GL, ML, R Class		OFF: Factory Reset SLK Press and hold 30 seconds: UP + DOWN			
ON: Press and hold 6 seconds: VR OFF + HANG							
OFF: Press and hold 6 seconds: VR + HANG				Factory Reset		GL, ML, R Class	
Press and hold 30 seconds: VR OFF + VR							

During programming, the radio screen will display DIAGNOSIS, Then restart.

Important Note:
NTG3 Must learn the VIN and can not be re-installed in a different vehicle unless original vehicle has been reset to factory settings!