

NTG3-SL

NTV-KIT142



Overview

2009-2011 Mercedes-SL
Backup camera / AV input / RSE / Video In Motion interface

Kit Contents



SMB to RCA
NTV-CAB007



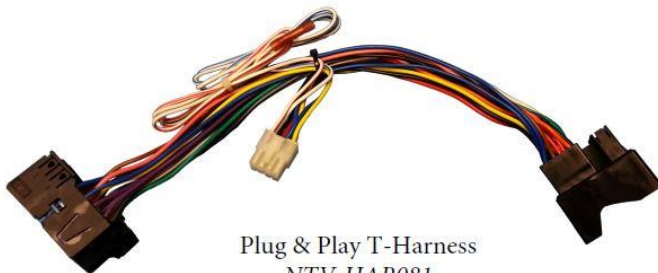
NTG3 Module
NTV-ASY171



RCA Harness
NTV-HAR057



USB Cable
NTV-CAB009



Plug & Play T-Harness
NTV-HAR081



CAN Adapter Harness
NTV-HAR058

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.

NTG3-SL

2009-2011 Mercedes SL

Backup camera / AV input / RSE / Video In Motion interface Operation Instructions

To Activate Rear View Camera

With the brake depressed and engine running, engage reverse gear.

Rear View Camera will show on radio screen.

Fig. 1 - Vehicle in Reverse



To Activate AUX Video

Select "Video"

Select "Aux"

Fig. 2 - AUX Video



To Set Active Audio Source For the Rear

Select the source name at the bottom-left of the screen (example - "DVD-Video")

Select "Activate Audio Source For The Rear"

Selected Audio source and DVD / AUX Video are now available for rear headphones and screens (if installed)

Fig. 3 - RSE



To Activate Video in Motion (SL Class)

Press UP & Dial simultaneously.

Repeat to de-activate Video in Motion.

NOTE: Navigation does not track while VIM is active.

Fig. 4 - Video in Motion



NTG3-SL Installation Instructions

Remove Radio

Fig. 1 - Radio Removal (SL)

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.



Wiring - NTG3

Fig. 2 - Plugs at rear of Radio

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. Remove the mini plugs from the factory 44-pin and insert into the male end of the provided plug & play harness.
4. Plug in the NTG3 adapter harness to factory harness and Radio.
5. Connect the CAN adapter to the T-Harness and the NTG3 module to the 18-pin connector on the CAN adapter.
6. If adding Rear-view Camera: Plug video cable to Green FAKRA, Connect to Camera.
7. Plug supplied A/V harness into Black 18-pin connector. connect as needed: A/V out, AUX Video in, Secondary (RSE) Audio in.



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.

NAV-TV

www.nav-tv.com

3950 NW 120th Ave, Coral Springs, FL
Tel. 561-955-9770 Fax. 561-955-9760

info@nav-tv.com

NTG3-SL Programming Instructions

Note: Prior to programming:

1. Shut the vehicle off and remove the key for 30 seconds, Then turn the key to IGN ON
2. Be certain the CLUSTER is displaying an AUDIO source. If programming fails, try putting the cluster on the SETTINGS menu instead, before beginning.

All Features

SL

ON:

Press and hold 10 seconds:

VOL UP + SEEK UP



OFF:

Factory Reset SL

Press and hold 30 seconds:

VOL DOWN + SEEK DOWN



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!

NAV-TV

INTERFACING THE FUTURE
3950 NW 120th Ave, Coral Springs, FL 33432 TEL 561-955-9770 FAX

561-955-9760 www.nav-tv.com info@nav-tv.com

NTG3 PRODUCT UPDATE

FOR VEHICLES WITH RSE - TO ADD VIDEO IN AND VIDEO OUT

Overview-

This is an amendment to the existing documentation for vehicles with Rear Seat Entertainment (RSE). In which the customer wants to add audio/video in through the AUX port of the radio, without purchasing the Mercedes-Benz part.

Video in modification -

1. Remove the 18 pin RSE connector from behind radio.
2. Once removed, the connector cover needs to come off to gain access to the pins for removal.
3. Remove pins 1 and 2 from the factory connector. Be sure to insulate the wires (tape or heat shrink).

NOTE: The wire being removed will have a FAKRA connector on it 3" down.

4. Do the same procedure on the NAV-TV NTG3 video connector.
5. Re-insert the removed RCA from the NAV-TV connector and plug it into the factory connector, pins 1 and 2.

NOTE: Be sure that the signal of the RCA goes into pin 1 and the shield into pin 2.

6. Re-assemble the connector and plug it back into the radio.



Audio In -

If vehicle has UCI – Multimedia Interface for Ipod

- Audio will still be introduced via the 1/8" jack in the glove box using a 1/8" stereo audio jack.

If vehicle doesn't have UCI –

- You need to remove the RCA's from the 18 way NAV-TV connector. Once removed, re-insert into the factory connector in the following pin locations.
- Pin 8 – Audio Shield Pin 9 – Left Audio Pin 18 – Right Audio

Video Out –

If video out is desired, using a cut RCA, solder the center conductor (video feed) to wire in pin position 5. The shield of the RCA gets soldered to the wire in pin position 6. Be sure to properly insulate connections. All connections are made at the factory 18 pin RSE connector behind the radio.

Removal of pins from connector –

1. Using a small screw driver or pick tool, gently depress the pin release and pull wire back to remove from connector.
2. Before you reinsert the wire into the factory connector, be sure that the tab is pulled up just a little bit so that it will catch when it is reinserted into the factory connector.

