Mercedes-Benz NTG5 / NTG5.1

Camera / Video interface

Compatible with cars with NTG 5 or 5.1 navi systems like:
A-class (W176) from 09/2015
B-class (W246) from 11/2014
C-class (W205)
C-class Coupe (C202) from 2015
CLA-Coupe (C117) from about 10/2014
CLA-Shooting B (X117) from 03/2015
CLS-Coupe (W218) from about 08/2014
CLS-Shooting B (X218) from about 08/2014
GLA-class (X156) from 09/2015
GLC-class (X253)
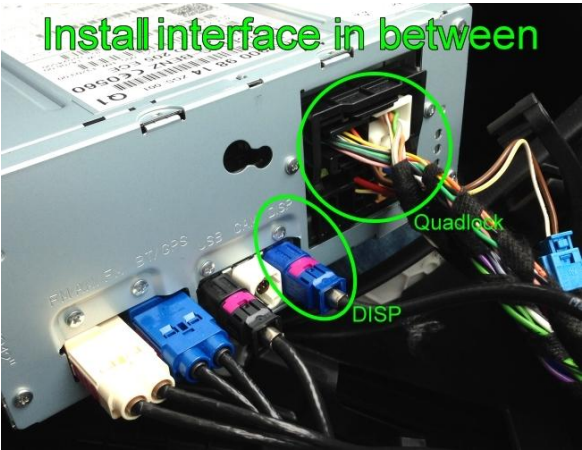GLE-class (C292)
GLS-class (X166) from about 11/2015
GT AMG (C190)
ML-class (W166) from 08/2015
V-class (W447) from 2014

Article code 300-190

Example installation (W205):

Install interface in between

Quadlock

DISP

Before installation please check and set the following options depending on your car system.

NTG **5** or **5.1**:

CANbox DIP switch 3 up = NTG **5**

CANbox DIP switch 3 down = NTG **5.1**

Active camera and/or video inputs like following:

- CAM: DIP switch 5 down

- V1:   DIP switch 2 down

- V2:   DIP switch 3 down

- DIP 1 and 4 always set up (off)

Display size:

- DIP8 down   = 7 inch (and also GLE 8")

- DIP8 up   = 8 inch

The interface should be installed **behind the radio / navi head unit** in between.

Use the (blue) DISP connector for image transfer and the quadlock connector to power the interface. After installing the interface in between the OEM screen should be there directly when interface is powered on by the quadlock connection (green LED on) .

Switching from OEM screen to external sources:

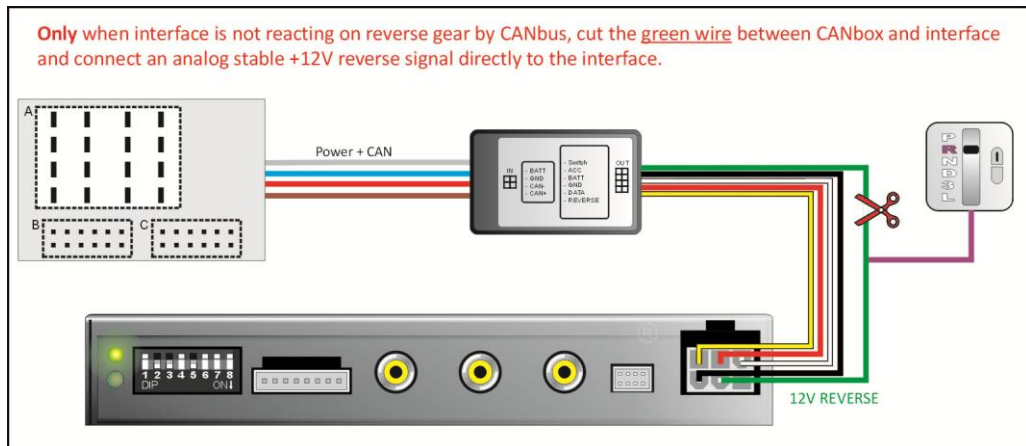- AV1/2:   User may use the BACK key ↩   to switch from OEM screen to AV1/2

- CAM: when put gear in Reverse the interface switches automatically to camera input, usually detected by CANbus system of the car.

Camera / Video inputs:

Unfortunately sometimes reverse it's not reacting by CANbus because the car can have different CAN protocol/codes. Also the guide lines can not be guaranteed. In this case the reverse trigger wire of the interface should be connected with the analog reverse licht signal like shown below:

Interface menu settings:

Installer may use the 3 keys MENU, DOWN, UP on the (bottom or side of) interface box to change external (camera) image settings if needed.

The UI-CONTROL option: set the PDC picture display on/off . It's another function is to toggle the Chinese Caption ON/OFF on screen.

1.PDCON: only the PDC picture displayed.

2.RETON: Only the Chinese caption displayed.

3.ALLON: both the PDC and Chinese caption displayed.

4.ALLOFF: Both the PDC and Chinese caption off.

The Guide-CNTRL :   guide lines ON/OFF on externall camera image (only works when CANbus is compatible)

The Guide-L option: set the left guide line's offset on screen, when the value changes, the guide Line location moves on screen.