



*...connecting to the aftermarket*

## CAM-MB1-AD

Mercedes Camera Add On Interface  
for NTG 4.5 head units



## INSTRUCTION MANUAL

*[www.connects2.com](http://www.connects2.com)*

Designed and  
Engineered  
in the UK. 

## ABOUT THIS PRODUCT...

### CAM-MB1-AD

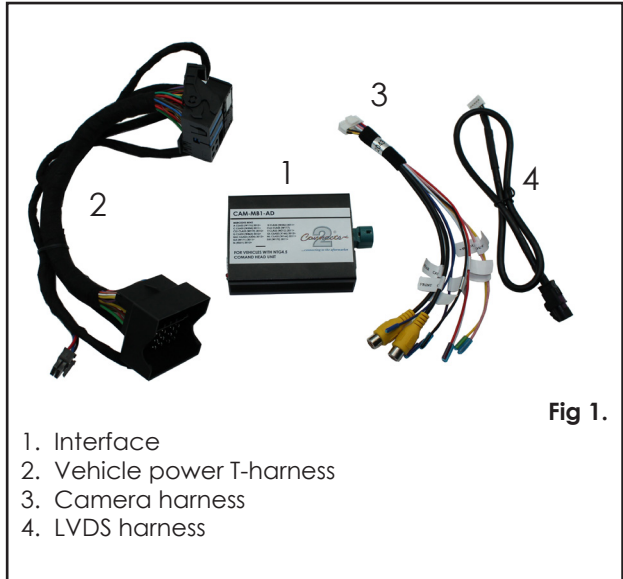
This product allows the addition of an aftermarket reverse camera to the OEM NTG 4.5 screen in a range of Mercedes vehicles.

#### Product Contents

1. Interface
2. Harness x 3
3. Instruction

#### Application

A Class 2012> (W176)  
B Class 2011> (W246)  
C Class 2011> (W204)  
CLA 2013> (W117)  
CLS 2015> (W219)  
E Class 2011> (W212)  
G Class 2012> (W463)  
GL 2012> (X166)  
GLC 2012> (X204)  
ML 2011> (W166)  
SLK 2011> (W171/W172)  
SL 2012> (R231)



#### Prior to installation

Read the manual prior to installation. Technical knowledge is necessary for installation. The place of installation must be free of moisture and away from heat sources. Please ensure you use the correct tools to avoid damage to the vehicle or product.

**Connects2 can not be held responsible for the installation of this product.**

#### Technical Support

Connects2 want to provide a fast and suitable resolution should you encounter any technical issues. With this in mind, when contacting Connects2, try to provide as much Information as possible. This will speed up the process and help us to help you.

**Please use our dedicated online technical support centre: [support.connects2.com](http://support.connects2.com)**



Subscribe to our YouTube Channel for installation guides and tips... [www.youtube.com/connects2](http://www.youtube.com/connects2)

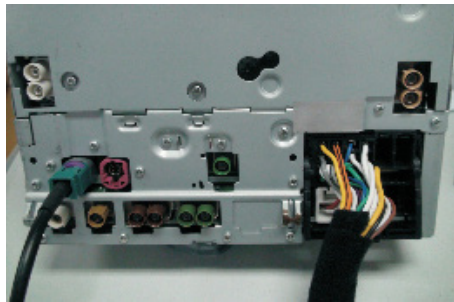
## FITTING GUIDE

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1. Please ensure the ignition is switched off and the key removed from the ignition. Remove the OEM NTG4.5 head unit.



2. Disconnect the original grey LVDS connector from the head unit as shown and connect the LVDS harness from the interface (Fig 1, 4). Disconnect the vehicle power harness (quadlock connector) and connect the male end of the supplied vehicle power T-harness (Fig1, 2).



3. Plug the original grey LVDS connector removed in step 2, into the green LVDS connector on the interface. Connect the white 5 way connector from the other end of the supplied LVDS cable (Fig 1, 4) to the interface. Connect the black 8 way connector of the vehicle power T-harness (Fig 1, 2) to the interface.



## FITTING GUIDE

4. Set the dipswitches on the interface according to your required setup.

Dipswitch	On/Off	Function
1	Off	Not used
	On	Not used
2	Off	Vehicles with OEM park assist
	On	Vehicles without OEM park assist
3	Off	Guidelines on
	On	Guidelines off
4	Off	Resolution 7.2 Inch 800 x 480
	On	Resolution 5.8 inch 400 x 240

5. Connect the white 16 way camera harness (Fig 1, 3) to the interface. Make connections as follows:



Wire Colour	Function (Label)
Black	Ground (GND)
Red	Accessory 12V Out (Acc Out)
Yellow	Batt + Out (+B Out)
Purple	Camera power out 12V (Cam Out)
Blue	Left turn signal out (L-Turn Out)
Pink	Right turn signal out (R-Turn Out)
White	Reverse signal in (Trig in)
Yellow (RCA)	Front camera video in (Front Cam)
Yellow (RCA)	Rear camera video in (Rear Cam)

6. Connect the vehicle power harness to the female connector or the vehicle power T-harness (Fig 1, 2). Test for correct operation and re-install the OEM head unit.

