

Instruction Manual

Camera Interface for New Mercedes-BENZ NTG 6.0, MBUX System

Model Name	PAS-MB-427P
Released Date	2019-4-15
Manual Version	1.3
Language	English

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! Warning:

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- In order to protect the driving safety and avoid break the traffic law; please DO NOT operate the interface while driving.

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accident caused by a short circuit.

- Kindly check all components are in the box when receiving the product. If anything missing, inform to the supplier/manufacturer.
- Start the engine before loading, check the interface whether have function displayed, key control whether correct, the vehicle interface whether having a scratch. Please give the feedback to the supplier/manufacturer if there have any questions.
- Please note that put the disassembled automotive components in a good way on the installation process, avoid scratching the instrument panel, the leftovers of connecting cables need to handle and DO NOT leave it in the car. The connecting plug must be insulated in order to short circuit.
- The cables should be connected in a good way, the vehicle installation space is a little small, so reduce space usage as far as possible. There should be a good plan about connect cables, avoid affecting the active component of connecting, such as control components of turning the steering wheel, throttle and brake pedal. There need to be fastened after connecting cables in case of a drop.

2.Compatibility:

Brand	Model	Production Year	Original System
Mercedes-Benz	A Class	2018-2019	NTG 6.0, 10.25 inch Screen MBUX System

3.Features:

- A. Support Intelligent Parking Assist System including PDC (Parking Distance Control) and FPG (Flexible Parking Guidelines)**
- B. Support further software update by TF Card**
- C. Support power supply for rear view camera**
- D. Support power supply for DVR device**
- E. Support automatically switched to front view camera, auto trigger after R to D gear**

4.Specifications

A. Interface I/O Spec:

Input: CVBS *3 (Front/Rear View Camera, 360, Video), VGA *1 (Specific 360 Panoramic System)

Output: LVDS Output

B. Power Spec:

Input Power: 9V-16V

Consumption: 6W

C. Package Content:

Interface Unit * 1

Main Power Harness * 2

LVDS Cable * 1

5.Package Components



Main Unit
Dimension: 143*102*26 mm



Quadlock Main Power Cable



LVDS Cables

Optional Components:



3.5mm AUX cable



AUX-USB adapter

6.Wiring Diagram

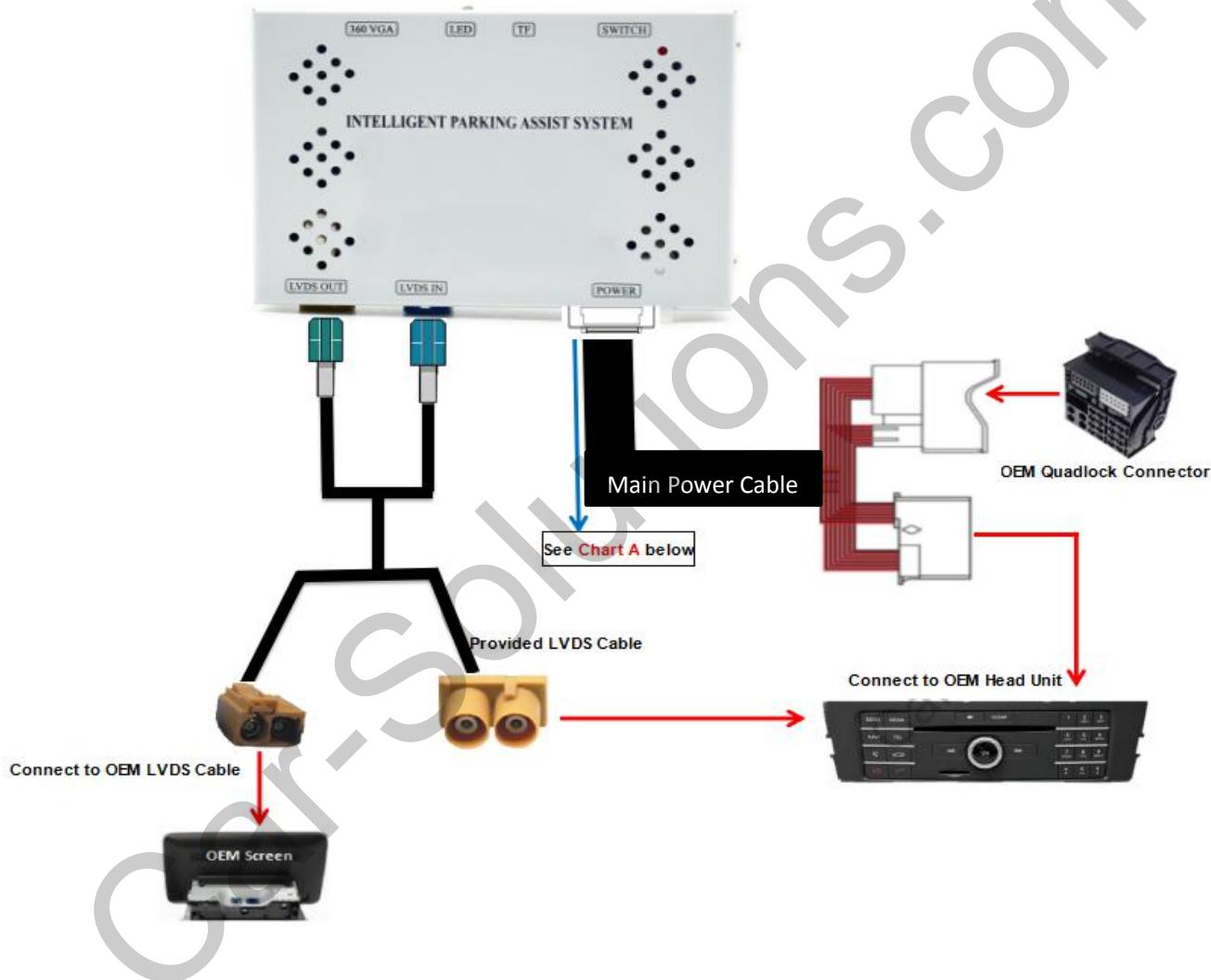
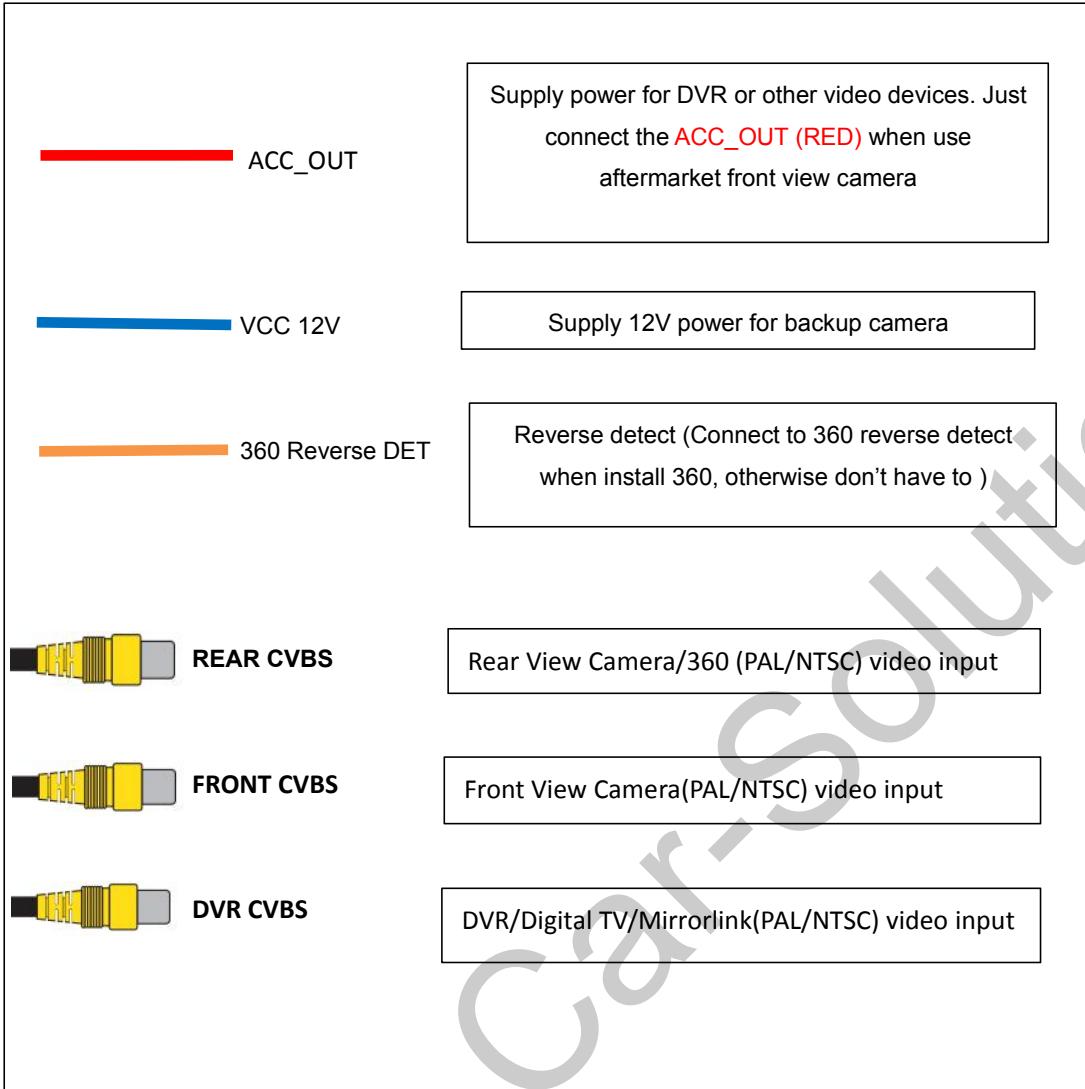


Chart A ↓

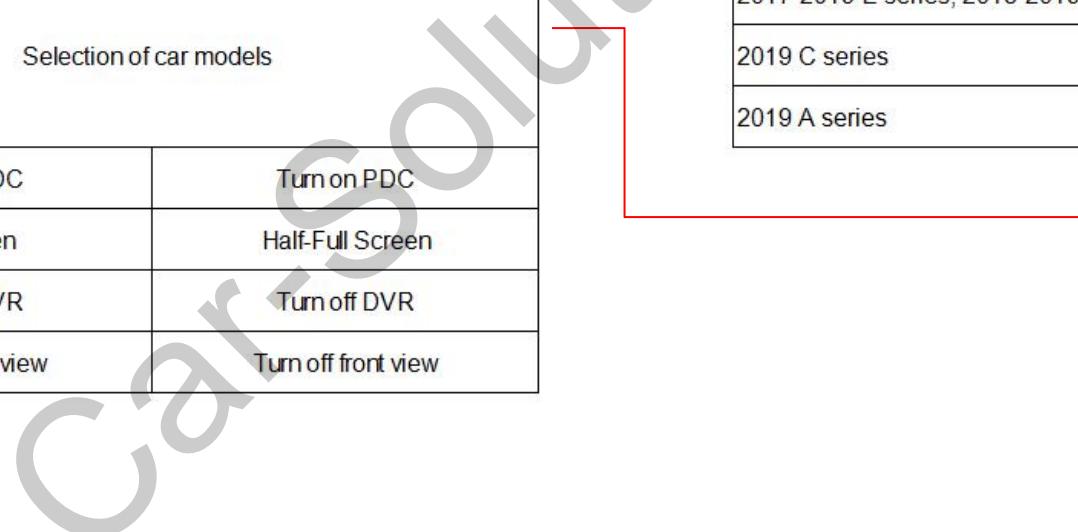


7.DIP Switch Settings



PIN	ON(▼)	OFF(▲)
1		
2	Selection of car models	
3		
4	Turn off PDC	Turn on PDC
5	Full Screen	Half-Full Screen
6	Turn on DVR	Turn off DVR
7	Turn on front view	Turn off front view

Models	NO.1	NO.2	NO.3
2017-2019 E series, 2018-2019 S series	(▲)	(▲)	(▲)
2019 C series	(▼)	(▲)	(▲)
2019 A series	(▲)	(▼)	(▲)

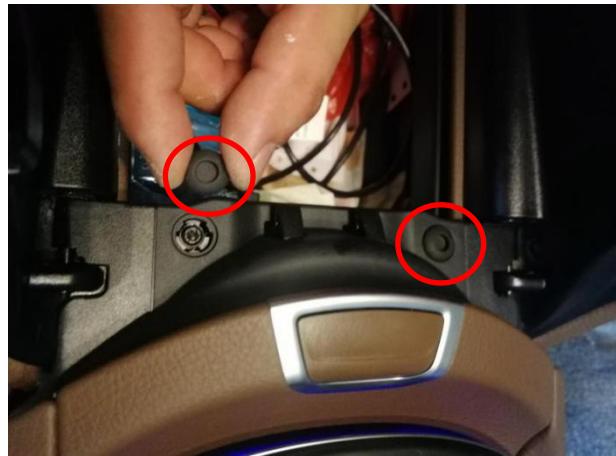


* Dip Switcher Settings Quick Setting :

Mode	4	5	6	7	8
aftermarket camera CAN mode valid	OFF(▲)	OFF(▲)	OFF(▲)	OFF(▲)	OFF(▲)
aftermarket camera CAN mode invalid	ON (▼)	OFF(▲)	OFF(▲)	OFF(▲)	OFF(▲)
original camera	OFF(▲)	ON (▼)	OFF(▲)	OFF(▲)	ON (▼)

8. Operation Instruction

- Note: Please use the protective measures, avoid damaging the original car accessories



1. Please take off the screw rubbers



2. Please remove the two screws



3. Remove the handrail box and screws



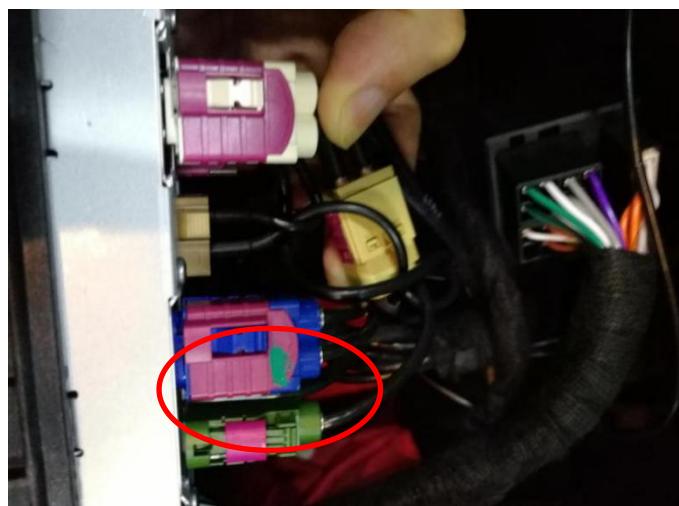
4. Take off center control panel and cables.



6. Remove the screws

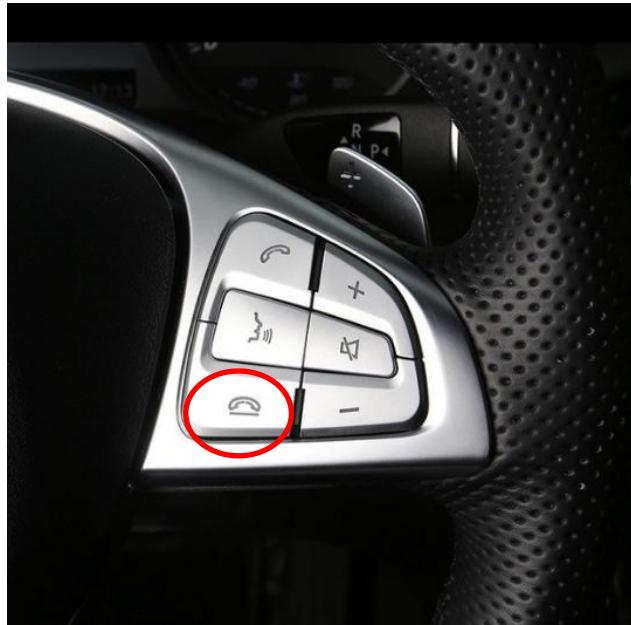


6. Take off the transfer cables of head unit, plug fiber optic from OEM head unit and plug preserved position of camera interface box.



7. Plug to the yellow LVDS interface, check all cables and reset all products and center console.

9. DVR Switching



Please put on (▼) the dip switch No.6, turn on the DVR, then long press 2 seconds to enter DVR by press hang up button on steering wheel.

10. Automatic Parking Function



Please press main interface button for 2 seconds to exit 360, adjust to automatic parking.