

Instruction Manual

Camera Interface for New Mercedes-BENZ NTG 5.5

Model name	PAS-MB-424P
Released Date	2019-1-9
Manual Version	1.1
Language	English

Contents

1. Warning.....	3
2. Compatibility.....	5
3. Features.....	6
4. Specifications.....	7
5. Package Components.....	8
6. Wiring Diagram.....	9
7. DIP Switch Settings.....	11
8. Operation Instruction.....	12
9. DVR Switching.....	15
10. Automatic Parking Function.....	16



- In order to protect the driving safety and avoid break the traffic law; please DO NOT operate the interface while driving.
- The reversing surveillance function just is used in reversing assistance. Please check the entire surroundings while reversing.
- All steps of installation should be done by the well-trained specialist.
- During installation, the ignition key should be taken off and after all installation finished, connect power cable last.
- Please DO NOT plug or pull the connected cables in the state of power-on, in order to avoid damaged monitor or accessory.
- Install wiring in a manner in which cables will not come in contact with metal parts. The wiring may be damaged by contact with metal parts, resulting in fire and shocks. Avoid all contact with hot surfaces when wiring the main unit. High temperatures may damage wiring, causing shorts, arcing and fires.
- Please DO NOT put the product in the damp environment or water, in order to avoid electric shock, damaged and fire

! Warning:

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	E Series	2018	NTG 5.5, 12.3 inch Screen
	S Series	2018	
	C Series	2019	

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 *4 (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 * 1

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

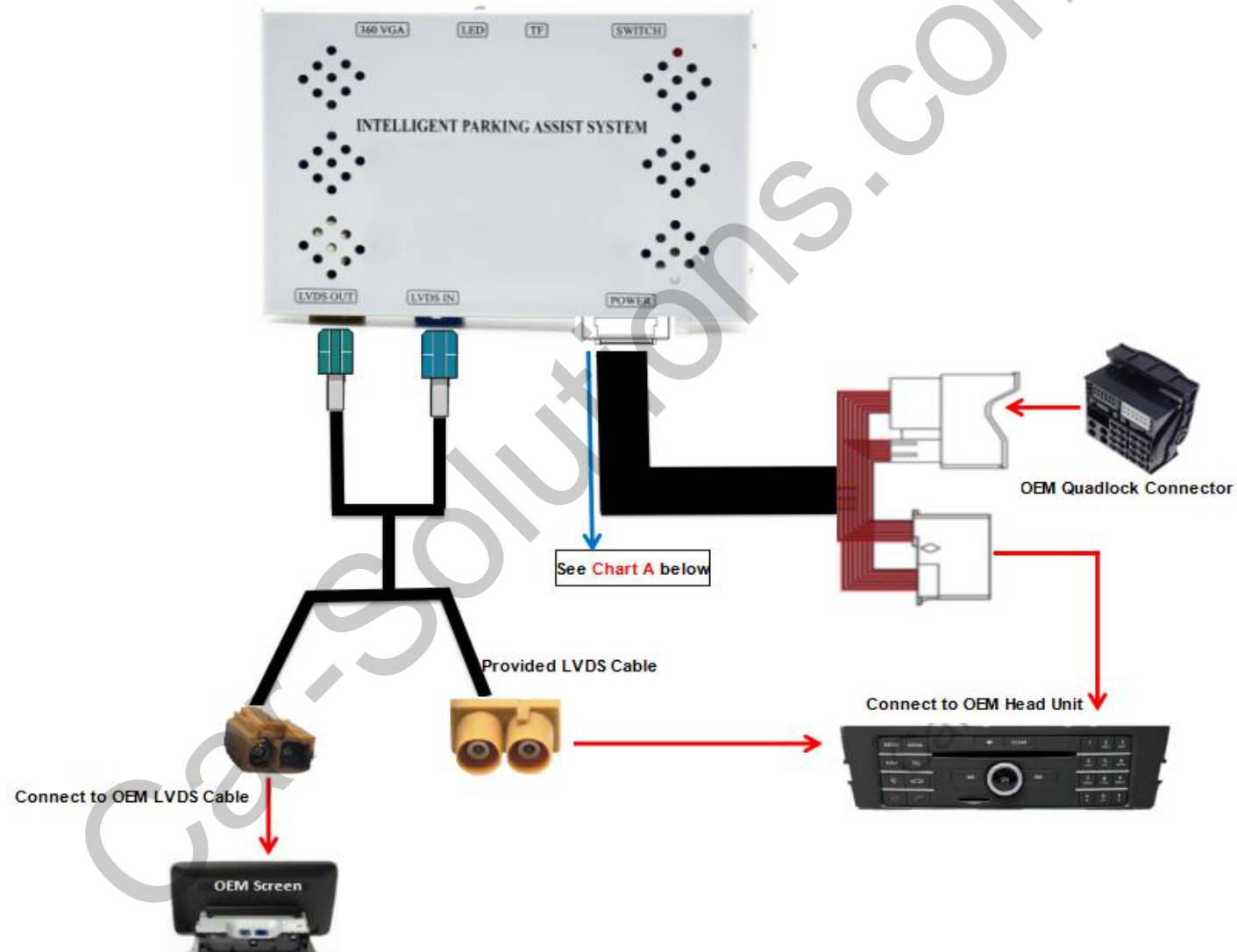
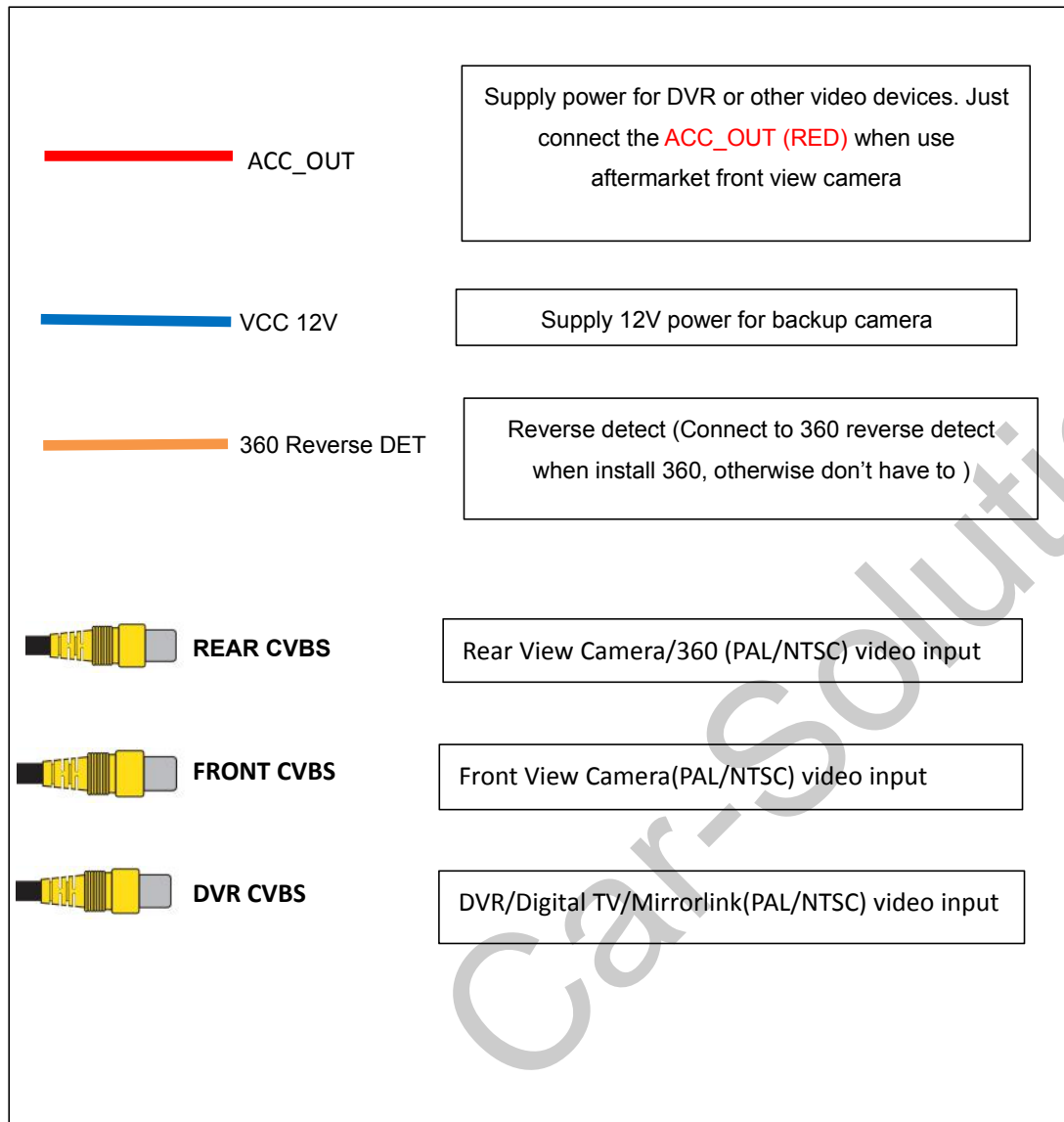


Chart A ↓



7.DIP Switch Settings

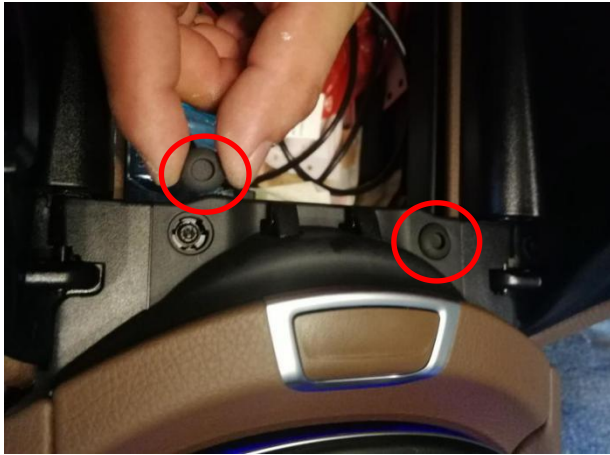


PIN	ON(▼)	OFF(▲)
1	Selection of car models	
2		
3		
4	Turn off PDC	Turn on PDC
5	Full Screen	Half-Full Screen
6	Turn on DVR	Turn off DVR
7	Turn on front view	Turn off front view

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

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.



5. 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.

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