

Installation Manual

Multimedia Interface for Porsche PCM5.0



Manual Date : 2020.3

Compatibility:

Porsche PCM5.0

Components:

Interface Main *1

Interface Input / Output specification:

Input:

LVDS IN (Car System) *1

HDMI *1

Analog RGB *1

AV *2

CVBS(Front Camera) *1

CVBS(Rear Camera) *1

Output:

LVDS OUT (Car System) *1

AUX OUT *1

Power Spec:

Input Power:

8VDC ~ 18VDC

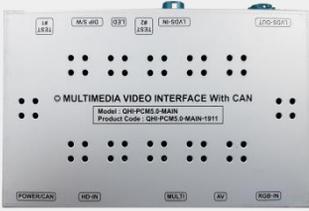
Consumption:

5WATT

Switch input mode:

1. External video sources skip function: Able to control input videos on and off via Dip switches
2. Able to switch videos via the remote and button switch
3. Able to detect the rear view camera by CAN

Components



MAIN BOARD
QCPASS1415



POWER CABLE
HPOWER0225



CAN J BY J
HARETC0288



LCD CABLE
HLCDCA0017



RGB CABLE
HRGBCA0013



AV CABLE
HAVCAB0056



MULTI CABLE
HARETC0240



IR CABLE
HIRCAB0002

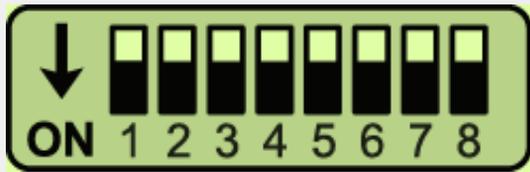


BUTTON CABLE
HARETC0001



REMOTE CONTROL
REMOTEO001

DIP Switch Settings



ON: DOWN / OFF: UP

* Please make sure to disconnect the power cable of interface and reconnect to apply dip switch setting whenever changing DIP switch.

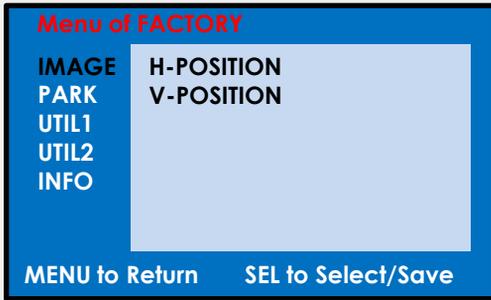
PIN	FUNCTION	Dip S/W SELECT
1	RGB	OFF : RGB MODE ON : RGB MODE SKIP
2	HDMI	OFF : HDMI MODE ON : HDMI MODE SKIP
3	AV1	OFF : AV1 MODE ON : AV1 MODE SKIP
4	AV2	OFF : AV2 MODE ON : AV2 MODE SKIP
5	FRONT CAMERA	OFF : Ext. FRONT CAMERA MODE ON : OEM FRONT CAMERA MODE
6	CAR MODEL	OFF : Without OEM REAR CAMERA ON : With OEM REAR CAMERA
7	REAR CAMERA	OFF : OEM REAR CAMERA MODE ON : Ext. REAR CAMERA MODE
8	CAN IN/OUT	OFF : CAN Data In/Out Mode ON : CAN Data Bypass Mode

Remote Control



Key	FUNCTION
POWER & PIP	N/C
MENU	Activating OSD menu
OK	Making a selection, changing image display
▲	Moving upward
▼	Moving downward
◀	Moving leftward (If you press this button 2 seconds long, you can access the factory mode)
▶	Moving rightward (If you press this button 2 seconds long, you can reset all the data about user environment)

Factory Setting



IMAGE

H-POSITION/V-POSITION Setting



PARK

PAS TYPE: Select parking line type

NOT USED: Do not use parking line

PAS ON: Use Flexible Parking Lines

PAS OFF: Use fixed parking line

PAS SETUP:

You can move the position of parking line.

REAR TYPE: Choose rear camera recognition.

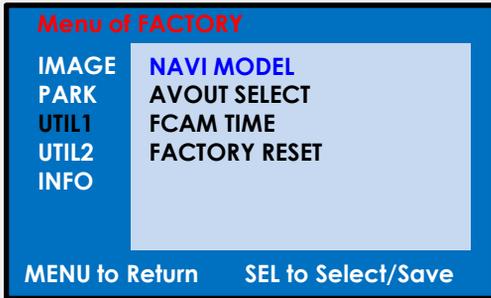
CAN: Detecting the rear view camera by CAN signal. (Installer must connect "CAN" cable of the power cable to the "CAN" cable of the car)

LAMP: Detecting the rear view camera via "Grey Rear" wire. (Installer must connect "Rear-C" cable of the power cable to the rear lamp of the car)

RADAR ENABLE:

Setting up parking distance alarm sensor (ON/OFF)

Factory Setting



UTIL1

NAVI/HDMI MODEL: Android, car-play, navigation model setting

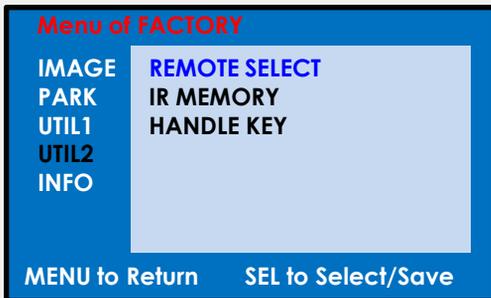
AVOUT SELECT:

Select background sound through car AUX

F-CAM TIME :

Time setting for the front camera display (OFF, 3s, 5s, 10s, 15s)

FACTORY RESET: Factory mode reset (YES/NO)



UTIL2

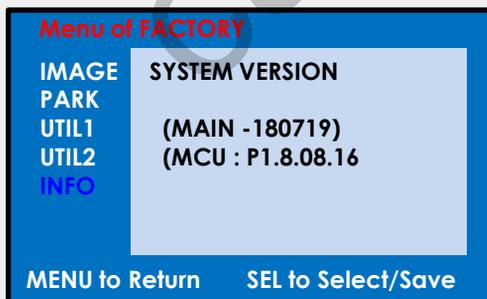
REMOTE SELECT:

Able to remote control on DVD, DTV by selecting "USER" after IR memory registered

IR MEMORY:

Register IR memory (Remote Control Value) of DVD, DTV

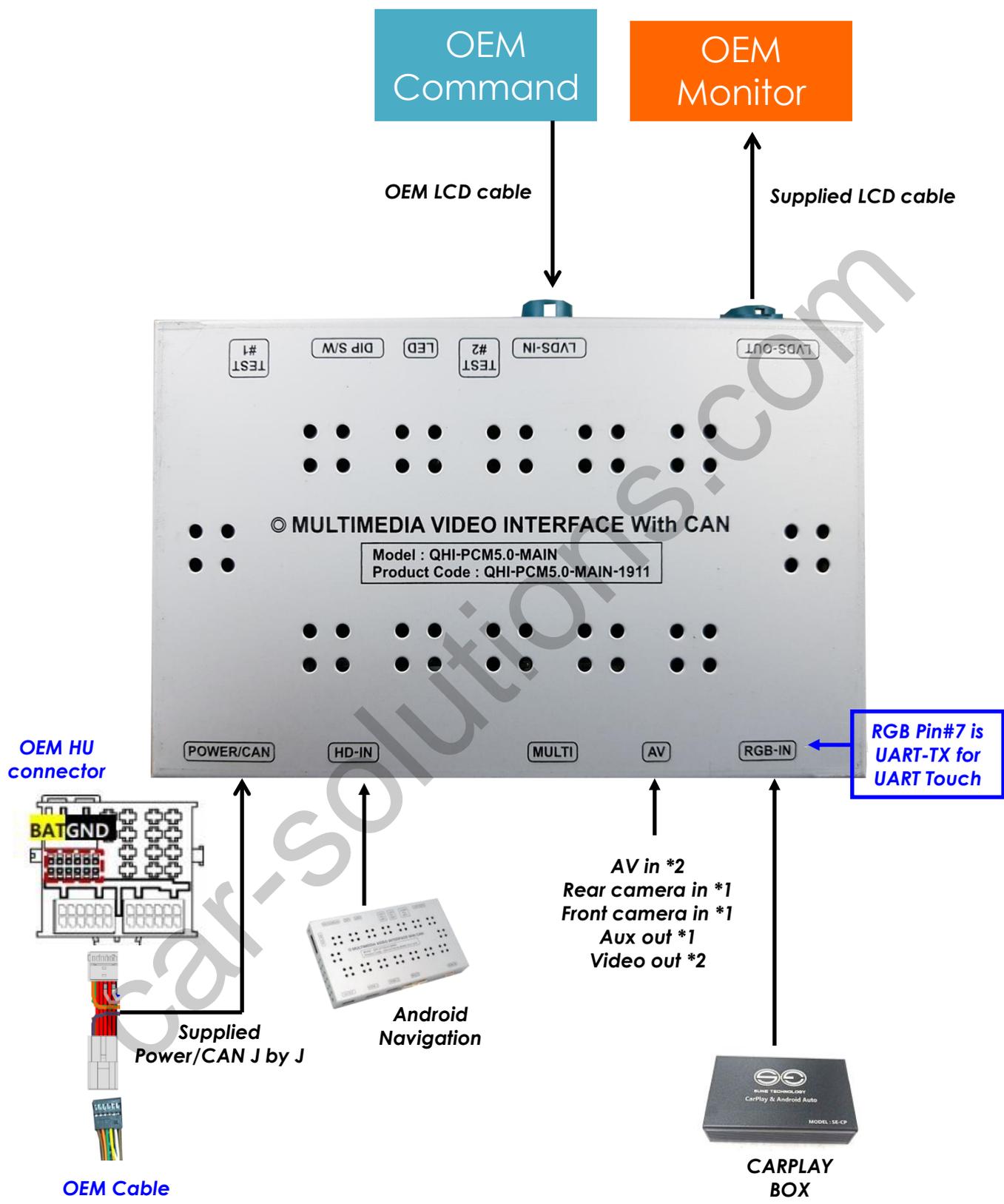
HANDLE KEY: OEM button to change the mode



INFO

System version information

Installation Diagram



1. Please disconnect OEM connector in red circle on OEM head-unit bunch connector.
2. Connect supplied CAN cable as above.

• Activation with OEM Button

* Press high lighted OEM button for 3 seconds long to mode switch



• Activation with OEM Button

* Press high lighted OEM button for 3 seconds long to mode switch

MACAN



Q. I cannot change mode

A. Check connection of Ground cable and IR Cable. Check LED lamp is on, if not check connection of POWER cable.

Q. All I got on the screen is black.

A. Check second LED lamp of the interface is on, if not, check A/V sources connected are working well. (Second lamp indicates AV sources connected works well) Check interface connection has been done well.

Q. Displayed image color is not proper (too dark or unsuitable color)

A. Press ► button on the remote control for 2 seconds and check how it goes, if it does not work, inform to manufacturer.

Q. I cannot watch the rear camera on the screen

A. Set the DIP switch #7 as state "ON".

Q. Set mode not appear

A. Check DIP Switch.

Q. OEM image is not displayed.

A. Check interface's LCD In/Out cable connection. If the status keeps on, inform to manufacturer.

Q. Screen only displays white color.

A. Check LCD out cable is connected well, if this status keeps, inform to manufacturer.

Q. If no image is shown on screen after connecting CAN wire with Park gear.

A. Go on the "FACTORY MODE", check "UTIL-Rear Select". If "LAMP", change the setting as "CAN" with the remote control. (※ when connecting Rear-C wire of LAMP power cable to Backup lights, Setting should be like this / CAN : if controlling rear camera with CAN wire)