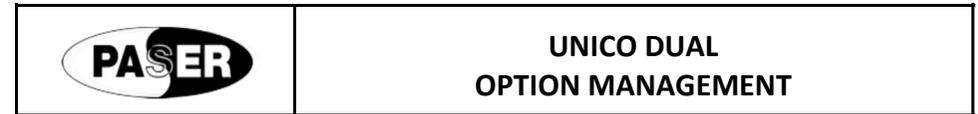


NUMBER	OPTION	DEFAULT STATUS 1	STATUS 2	STATUS 3	STATUS 4	STATUS 5
		1 RED LED FLASHING	2 RED LED FLASHINGS	3 RED LED FLASHINGS	4 RED LED FLASHINGS	5 RED LED FLASHINGS
1	SEEK	SEEK ALWAYS AVAILABLE	SEEK AVAILABLE AFTER 10 SEC AFTER VOLUME	SEEK AVAILABLE OVER 3 KM/H	SEEK AVAILABLE UNDER THE CAR AUDIO DASHBOARD MENU VW / MERCEDES	
2	HANDBRAKE (GND)	OUTPUT AVAILABLE WITH HANDBRAKE ON	HANDBRAKE OUTPUT AVAILABLE UNDER 3 Km/h	HANDBRAKE OUTPUT AVAILABLE UNDER 20 Km/h	HANDBRAKE MANAGED AS OEM PARKING SENSORS SIMULATION	HANDBRAKE MANAGED AS MUTE OUTPUT FOR FIAT EQUIPPED WITH BLUE&ME
3	SPEED PULSE	ODOMETER FREQUENCY 26000 IMPULSES FOR MILE	ODOMETER FREQUENCY 13000 IMPULSES FOR MILE	ODOMETER FREQUENCY 8000 IMPULSES FOR MILE	ODOMETER FREQUENCY 4000 IMPULSES FOR MILE	
4	PHONE BUTTONS	PHONE BUTTONS MULTIPLE FUNCTION PHONE UP: ANSWER / VOICE RECALL PHONE DOWN: HANG UP	PHONE BUTTONS SINGLE FUNCTION PHONE UP: ANSWER PHONE DOWN: HANG UP	PHONE BUTTONS DISABLED		
5	AMPLIWAKE UP	AMPLIWAKE UP ACTIVE	AMPLIWAKE UP NOT ACTIVE			
6	RESISTIVE RADIOS OUTPUT MANAGING	RESISTIVE OUTPUT MODULATE	RESISTIVE OUTPUT CONTINUOUS FOR 5 SECONDS			
7	DISPLAY WRITING	FUNCTION AVAILABLE VW/MB/OPEL/ MAZDA	FUNCTION NOT AVAILABLE			
8	REVERSE GEAR OUTPUT	BACK GEAR OUTPUT ON	POSITIVE OUTPUT WHILE CAR DRIVING BELOW 10 Km/h SPEED (FUNCTION ACTIVATED BY INSERTING REVERSE-GEAR)			
9	FIAT KM BLINKING MANAGEMENT	COMMUNICATION NOT ACTIVE	COMMUNICATION TO AVOID KM BLINKING METHOD 1 ACTIVE BY DEFAULT	COMMUNICATION TO AVOID KM BLINKING METHOD 2		



OPTION MANAGEMENT

This module manages some functions by default. Sometime the user's requirements are different to the settings pre-set by the manufacturer. To change them it has been included a procedure to modify when necessary a series of options. To modify the default settings it is necessary that the interface has recognized a CANBUS protocol (LED GREEN). In case of hybrid protocol (Resistive and CANBUS) it is necessary to have done the memorization of the steering wheel buttons.

To enter the Options management menu, it is necessary to disconnect the module from power and set the dip switch 3 on "ON".



As soon as the interface is powered the led will flash YELLOW and then it will flash RED once (or more). YELLOW flashes represent the number of the option; the RED flashes indicates the option status. The options available are mentioned in the table abreast.

First option concerns the SEEK buttons behaviour; it's shown by one YELLOW flash, followed by a pause and by a series of RED flashing informing the option status.

To modify the default option to another, it is necessary to press the SEEK + button; this button increases, at each press, the number YELLOW flashing. SEEK - decreases it.

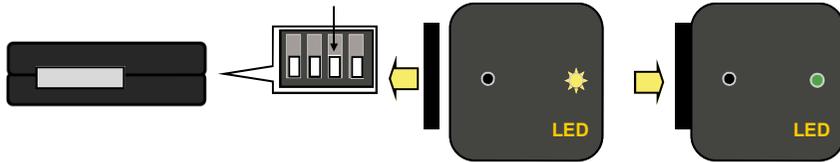


Once option we want to change is displayed, by pressing VOLUME + button, we will increase the number of RED lightings, changing consequently the status of the option.



OPTION
1 SEEK (1 YELLOW lighting)
2 HANDBRAKE (2 YELLOW lightings)
3 ODOMETER (3 YELLOW lightings)
4 PHONE (4 YELLOW lightings)
5 AMPLIWAKE UP (5 YELLOW lightings)
6 RESISTIVE INPUT MANAGING (6 YELLOW lightings)
7 DISPLAY WRITING (7 YELLOW lightings)
8 BACKGEAR OUTPUT (8 YELLOW lightings)
9 FIAT KM BLINKING MANAGEMENT (9 YELLOW lightings)

Once the configuration is done to exit and memorize the changes please set e dip 3 OFF then disconnect and re-connect the unit to the power.
After this operation the led of the module will light GREEN.



IF THE CAR IS NOT EQUIPPED BY STEERING WHEEL COMMANDS, PLEASE USE THE BUTTON OF THE UNIT. TO SCROLL THE OPTIONS (YELLOW BLINKS OF THE LED) PRESS QUICKLY THE BUTTON OF THE UNIT.
ONCE REACHED THE OPTION WE WANT TO CHANGE PLEASE KEEP PRESSED THE BUTTON OF THE UNIT TO INCREASE THE STATUS OF THE OPTION (RED BLINKS OF THE LED).

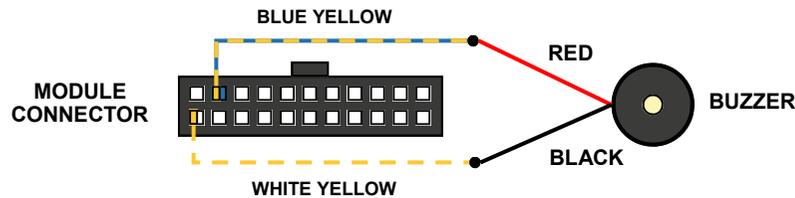
Frequently Asked Questions:

1. Once that I removed the OEM radio I lost car and parking sensors acoustic signals, can I recover them?

Yes, the interface allows to recover acoustic signal o many cars like BMW, Citroen, Land Rover, Opel, Peugeot...

You need just to set the **status 4 in option 2** and connect a +12V buzzer to the interface like described in the following diagram:

Please check the website for more information about the compatibility of this function.



2. My car has an OEM amplifier that doesn't work anymore without the OEM radio, can I recover it?

Yes, the interface can switch on it through can bus, if compatible, just setting the **status 1 in option 5**.

Please check the website for more information about the compatibility of this function.

3. I installed an aftermarket front parking sensors kit, can I use the interface to switch on it?

Yes, if the car has a can bus line that allows to the interface to recover the information of: positive ignition, reverse gear and speed pulse is possible to set the **status 2 in option 8** and the **blue** wire will supply +12V when the reverse gear is inserted and will be removed once the car will go forward over 10 Km/h.

4. In my car Seek buttons are used to manage radio stations and trip computer, when I manage trip computer also the aftermarket change station. Is available a solution?

Unfortunately not, the interface can't recognize when user manage trip computer or radio stations, for this reason the only possibility is to limit the radio management of the interface. By setting **status 2 in option 1** Seek buttons will manage always trip computer, in order to change radio station is necessary to press one time **Vol+** before and **Seek** buttons will be enabled to the radio for 10 seconds.

5. My device doesn't recognize correctly the speed pulse output generated by the interface, why?

Speed pulse output is a square wave change frequency in relation to the speed. The interface supply, by default, a maximum of 26000 impulses per mile, anyway not all devices support a so high frequency, for example we suggest to use 8000 impulses per mile if you need to connect a taximeter.

Please change the status of option 3 with a lower value of impulses per mile and execute again the calibration procedure on the device.