

| OPTION AND FLASH NUMBERS | DEFAULT | OPTION |
|--------------------------|---|--|
| 1 | HANDBRAKE OUTPUT AVAILABLE WHEN HANDBRAKE ON | GND OUTPUT WHEN CAR REMOTE CONTROL IS OFF |
| 2 | REVERSE GEAR OUTPUT AVAILABLE WHEN REVERSE GEAR INSERTED | 12V OUTPUT WHEN CAR DOOR OPEN |
| 3 | SPEED PULSE FREQUENCY 26000 PULSE PER MILE | SPEED PULSE FREQUENCY 4000 PULSE PER MILE |
| 4 | REVERSE GEAR OUTPUT AVAILABLE WHEN REVERSE GEAR INSERTED | POSITIVE OUTPUT AVAILABLE ON BACK GEAR WIRE UNDER 15Km/h OF SPEED (ONLY FOR ACTROS) |
| 5 | HANDBRAKE OUTPUT AVAILABLE WHEN HANDBRAKE ON , REVERSE GEAR OUTPUT AVAILABLE WHEN REVERSE GEAR INSERTED , LIGHTS OUTPUT AVAILABLE WHEN LIGHTS IS TURN ON. | HANDBRAKE OUTPUT (negative) AVAILABLE WHEN CAR DOOR OPEN, REVERSE GEAR OUTPUT (positive) ALLARM INSERTED, LIGHTS OUTPUT (positive) AVAILABLE WHEN ALLARM NOT INSERTED. |
| 6 | NO FUNCTION IS ASSOCIATED TO THE BUTTON | PUSHING THE EST BUTTON FOR 2 SECONDS, AN IMPULSE OF 500ms IS GENERATED ON THE HANDBRAKE OUTPUT (FUNCTION NUMBER 5 HAS NOT TO BE ACTIVE) |
| 7 | DEFAULT SPEEDPULSE | COUNTING ENCODER SPEEDPULSE (ONLY FOR ALFA MITO,ALFA GIULIETTA,FIAT PUNTO,FIAT 500 AND LANCIA YPSILON) |

NOTE: Option 5 inhibits options 1-2-3-4.

INSTALLATION MANUAL

SLIMCAN

CF0006UNUN22

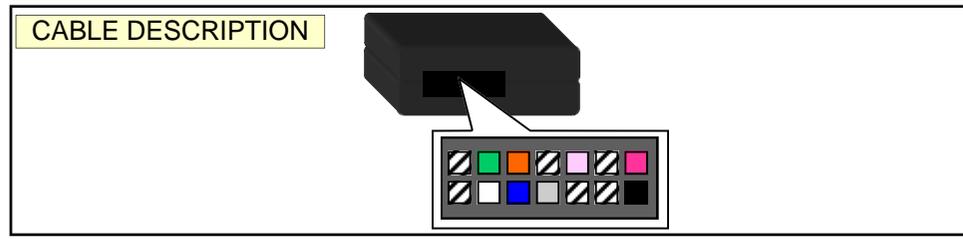
UNIVERSAL CANBUS

Services Adapter

Rev. 1.12

DESCRIPTION

SLIMCAN is a **UNIVERSAL Adapter** for **CANBUS** protocol systems; its principal characteristic being the compatibility which extends to a large number of vehicles listed in table attached. The module supplies analog services such as positive ignition key, positive sidelights, positive reverse gear, handbrake and speedpulse where these are present on the CANBUS. The selection of the protocol comes through the **SELF-RECOGNITION**, which signifies that at the termination of the connection for the insertion of the module to the connector, the unit will carry out , in about a second, the synchronization and the selection of the correct CANBUS protocol of the auto on which the module is installed.



| CABLE | FUNCTION |
|--------------|------------------------------|
| RED | POSITIVE POWER SUPPLY |
| BLACK | NEGATIVE POWER SUPPLY |
| GREEN | HIGH CAN |
| WHITE | LOW CAN / K-BUS |
| PINK | POSITIVE IGNITION OUTPUT |
| ORANGE | POSITIVE SIDELIGHTS OUTPUT |
| GREY | SPEEDPULSE SIGNAL |
| BLUE | POSITIVE REVERSE GEAR OUTPUT |
| YELLOW/WHITE | NEGATIVE HANDBRAKE OUTPUT |

| CABLE | ACTROS OUTPUT |
|--------------|--------------------------------|
| PINK | POSITIVE LEFT DIRECTION LIGHT |
| ORANGE | POSITIVE RIGHT DIRECTION LIGHT |
| GREY | SPEEDPULSE SIGNAL |
| BLUE | POSITIVE REVERSE GEAR OUTPUT |
| YELLOW/WHITE | NEGATIVE HANDBRAKE OUTPUT |

WARRANTY CONDITIONS

THIS PRODUCT IS GUARANTEED FOR TWO YEARS FOR ANY KIND OF MANUFACTURING DEFECT. THE FISCAL DOCUMENT SERVES AS THE GUARANTEE VALIDITY.

The information in this guide and in its attaches are purely for information purposes, therefore, are subject to change without notice. At the time of publication the information is correct and reliable. However Paser can not be held responsible for any consequences resulting from errors, omissions or incongruence in this manual (for ex. according to missed audio configuration back-up of the vehicles). Paser reserves the right to improve / change the product or manual without obligation to notify users.

SELF-RECOGNITION AND FUNCTIONS

The selection of the protocol comes through **SELF-RECOGNITION**; on the termination of the connections and after inserting the module to the connector, the unit will carry out the synchronization in about one second, confirmed by **quick red flashes** of the module's LED.



As soon as the synchronization is carried out, the vehicle's protocol will be selected; this operation will be confirmed by the lighting up of the **FIXED GREEN LIGHT** of the module's Led. The unit is ready to work.



TROUBLESHOOTING

The unit doesn't carry out any function and the LED is off.

Verify the connections of the power supply.

The correctly powered unit doesn't carry out any function and the LED is off.

Verify the CANBUS connections.

The unit is connected correctly and the RED LED flashes quickly.

The unit hasn't been able to synchronize with the CANBUS, contact Paser.

The unit is connected correctly and the RED LED flashes in an irregular way.

Verify the CANBUS connections.

The unit is connected correctly and the RED LED is lit up.

The unit has carried out the synchronization with the CANBUS but hasn't been able to iden-



WARNING!

IF YOU NEED TO INSTAL THE SAME IN A NEW CAR (EVEN IF IN A SAME GROUP MODEL) IT IS NECESSARY TO RESET THE MODULE.

RESET:

- 1. WITH THE UNIT POWERED, PRESS AND KEEP PRESSED THE UNICAN BUTTON TILL THE LED SWITCH OFF.**
- 2. WITH THE LED SWITCHED OFF RELEASE THE BUTTON, THE RESET IS DONE.**

FUNCTIONS SETTING

SLIMCAN on default manage some functions.

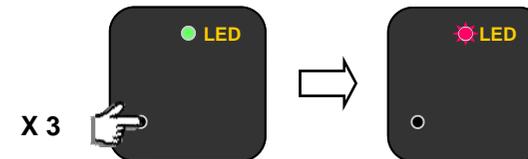
However sometime end user prefers other functions instead of those chosen by Paser. For this reason it was inserted a new procedure that allows to set a series of functions.

First of all it is important that the unit had recognised a car canbus protocol. So the LED must be light GREEN .

Now press 3 times the **SLIMCAN** button and you will see that the LED will flash RED.



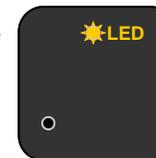
Now turn the ignition ON of the car 3 times. The LED will flash YELLOW with intervals of 1 flash and one pause.



The number of the flash can change, by pressing **SLIMCAN** button 5 times (5) in this



ON means the ignition, we and so **SLIMCAN** version



number of the options we quickly the il will jump to the second on for all the options avai-sion .