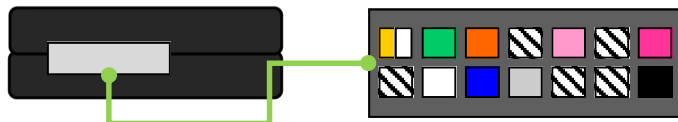
**DESCRIPTION**

UNIVERSAL CANBUS adapter for steering wheel commands and services such as ignition, lights, reverse gear and speed pulse.

Its compatibility extends to a large number of vehicles, listed in table 1 and to the ALPINE radios having wired input remote control on the back of the radio.

CABLE WIRES DESCRIPTION

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	ODOMETRIC SIGNAL
BLUE	POSITIVE REVERSE GEAR OUTPUT
YELLOW/WHITE	NEGATIVE HANDBRAKE OUPUT

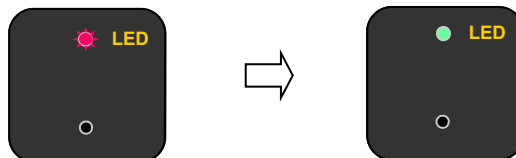
SELF-RECOGNITION AND FUNCTIONS

The selection of the protocol comes through **SELF-RECOGNITION**. After connections, by inserting the module to the power connector, the unit will manage the synchronization in fews seconds, signalled by **RED quick flashes** of the module's LED.

Once the synchronization is done the LED lights **GREEN**.

The unit is ready to work.

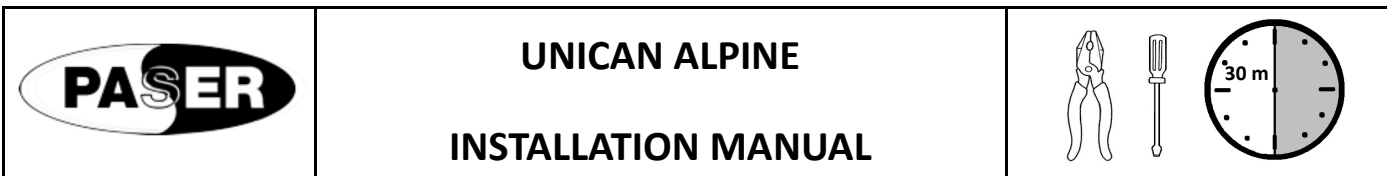
Please plug the JACK back the radio into the remote control input.

**JUMPERS**

1 2 3
 ○ ○ ○ J1
 ○ ○ ○ J2
 ○ ○ ○ J3
 ○ ○ ○ J4
 ○ ○ ○ J5

	1 - 2	2 - 3
J1		
J2	GND BRAKE OUTPUT	POSITIVE BRAKE OUTPUT
J3	GND REVERSE OUTPUT	POSITIVE REVERSE OUTPUT
J4		
J5	K-BUS HANDLING	CAN-BUS HANDLING

FUNCTIONS	RADIO	CD	USB
1		INCREASE VOLUME	
2		DECREASE VOLUME	
3	SEEK +	SUCCESSIVE TRACK	
4	SEEK —	PREVIOUS TRACK	
5		MEM +	
6		MEM —	
7		SOURCE	
8		MUTE	
9		PHONE ANSWER	
10		PHONE CLOSE	



TROUBLESHOOTING

- **The unit doesn't work and the LED is off.**
- Check the connections of the power supply.
- **The unit which is correctly powered, doesn't work and the LED is off.**
- Check the CANBUS connections.
- **The unit is connected correctly and the RED LED flashes quickly.**
- The unit hasn't been synchronized with the CANBUS, contact Paser.
- **The unit is connected correctly and the RED LED flashes in an irregular way.**
- Check the CANBUS connections.
- **The unit is connected correctly and the RED LED is on.**
- The unit has undertaken the synchronization with the CANBUS but hasn't been able to individuate the vehicle, contact Paser.
- **The unit is connected correctly but can't handle the K-BUS protocol.**
- Check that the J5 jumper has been inserted between pins 1 and 2.
- **The unit is connected correctly, the GREEN LED is on but doesn't control the radio.**
- Check that the module's PLUG is connected to the radio's REMOTE input or contact Paser.



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.

TECHNICAL CHARACTERISTICS

POWER SUPPLY	10/16 VDC
ABSORPTION AT REST	0,001 A
ABSORPTION WHEN WORKING	0,040 A
MAX CHARGE IGNITION OUTPUT	2,000 A
MAX CHARGE SIDELIGHTS / HANDBRAKE / REVERSE GEAR OUTPUT / ODOMETRIC SIGNAL	0,040 A

WARRANTY

THIS PRODUCT IS COVERED BY TWO-YEAR GUARANTEE FOR ANY MANUFACTURING TROUBLES. THE WARRANTY IS VALID IF ACCOMPANIED BY THE INVOICE OF PURCHASE

The information in this guide 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 or omissions in this manual.
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