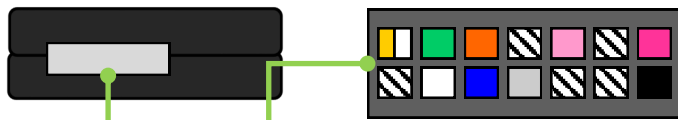
**DESCRIPTION**

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, to the **CLARION - KENWOOD - JVC - ALPINE - PIONEER - SONY** autoradios having wired input remote control on the back of the radio and to the radios listed in table RADIO.

CABLE WIRES DESCRIPTION**ATTENTION!**

For the correct working of the module, please connect the following wires: **RED, BLACK** (power feeding) and the **WHITE and GREEN (CAN)** and the radio adapter supplied in the kit, inserting the 4 poles connector into the module harness and the jack into the steering wheel commands input of the radio.

For more details about the connection CAN, please consult the **CONNECTION DIAGRAMS**.

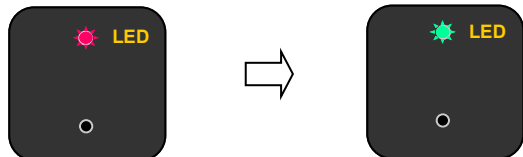
CABLE	FUNCTION
RED	POSITIVE POWER SUPPLY
BLACK	NEGATIVE POWER SUPPLY
GREEN	HIGH CAN
WHITE	LOW CAN / K-BUS
PINK	POSITIVE IGNITION OUTPUT
ORANGE	POSITIVE SIDELIGHTS OUTPUT
GREY	ODOMETRIC SIGNAL
BLUE	POSITIVE REVERSE GEAR OUTPUT
YELLOW/WHITE	NEGATIVE HANDBRAKE OUPUT

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 FLASHING**.

The unit is ready for the RADIO profile selection.

**RADIO PROFILE SETTING**

Now it's necessary now to select the radio protocol needed (see RADIO TABLES).

On default the unit offers the first profile available that is the CLARION, the GREEN LED makes one flash.

With the attached table select the radio needed so verify how many flashes it must to do the LED related to the radio of interest.

If the radio profile we want to set it's the first one, just press SEEK + to confirm the selection, the LED will light on GREEN.

To select a different radio press VOLUME + on the steering wheel to increase the number of flashes of the LED or VOLUME - to decrease.

Once the radio desired is selected to confirm the choice, press SEEK + on the steering wheel, the LED will light on GREEN as confirmation.

The logic of the flashes of the LED follows this behaviour:

LED **GREEN** flash means= units

LED **RED** flash means= tens

LED **YELLOW** flash means= hundreds

For example 5 GREEN flashes of LED indicate the radio in the 5th position.

2 RED flashes of the LED indicate the radio in position 20.

1 RED flash of the LED followed by 2 GREEN flashes of the LED indicate the radio in position 12.

1 YELLOW flash of the LED, indicates the radio in position 100.

Once the radio of interest is selected to confirm the choice press SEEK + on the steering wheel.

The led of the unit will light GREEN

It is also necessary to put the JUMPER JP1 in the correct position for the ALPINE, PIONEER and SONY radios.

JUMPERS

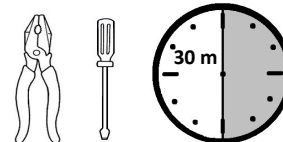
1 2 3
 ○ ○ ○ J1
 ○ ○ ○ J2
 ○ ○ ○ J3
 ○ ○ ○ J4
 ○ ○ ○ J5

	1 - 2	2 - 3
J1	ALPINE OUTPUT	PIONEER - SONY OUTPUT
J2	GND BRAKE OUTPUT	POSITIVE BRAKE OUTPUT
J3	GND REVERSE OUTPUT	POSITIVE REVERSE OUTPUT
J4	BLAUPUNKT	DO NOT USE
J5	K-BUS HANDLING	CAN-BUS HANDLING



UNICAN PLUS

INSTALLATION MANUAL



RADIO PROFILE SETTING

ADAPTERS	RADIO
CBL007UNAL22	ALPINE
CBL007UNBL12	BLAUPUNKT / BLAUPUNKT 2
CBL007UNJV12	CLARION / JVC
CBL007UNPI12	PIONEER / SONY
CBL007UNPN21	PANASONIC

*Jumper J4 must be inserted just for PHONOCAR VM024 and BLAUPUNKT STANDARD radio, if you use BLAUPUNKT2 (Atlanta110-Madrid210-Toronto410BT-San Francisco310), BLAUPUNKT NEW YORK 800 or if you use IR jumper J4 doesn't be set.
 *Don't insert jumper J1 for SUZUKA, DAYTONA 7000 AUTOSONIK and PHONOCAR VM024 radios.
 *BUENOS AIRES 200 model it is not equipped of the remote wired input so can be controlled only through IRR.
 The profile to set it's the same used for Kenwood.

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 ACCOMPAINED 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.
 Paser reserves the right to improve / change the product or manual without obligation to notify users.