UNICANPLUS
UNIVERSAL CANBUS Adapter
for steering wheel commands
and Autoradios
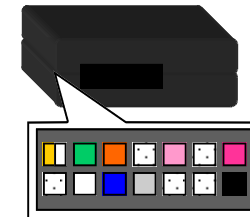## with wired Remote input rev. 21

DESCRIPTION

UNICANPLUS is a **UNIVERSAL** adapter for steering wheel commands with **CANBUS** protocol, the principal characteristics being its compatibility which extends to a large number of vehicles, listed in table 1, and to the **CLARION - KENWOOD - JVC - ALPINE - PIONEER - SONY** autoradios which have a wired input on the back of the autoradio for control of the remote.

The module not only handles the steering wheel commands but supplies services such as ignition, slidelights, reverse gear and odometric signals where present on the CANBUS.

The selection of the protocol comes through **SELF-RECOGNITION,** which means that when the connections for the insertion of the module to the connector have been completed, the unit will undergo, within about a second, the synchronization and the selection of the right CANBUS protocol of the auto on which the module is being installed.

CABLING DESCRIPTION

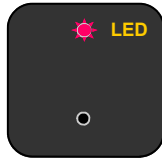| CABLE	FUNCTION
RED	POSITIVE POWER SUPPLY
BLACK	NEGATIVE POWER SUPPLY
GREEN	HIGH CAN
WHITE	LOW CAN / K-BUS
PINK	POSITIVE IGNITION OUTPUT
ORANGE	POSITIVE SIDELIGHTS OUTPUT
GREY	ODOMETRIC SIGNAL
BLUE	POSITIVE REVERSE GEAR OUTPUT
YELLOW/WHITE	NEGATIVE HANDBRAKE OUPUT

SELF-RECOGNITION AND FUNCTIONS

The selection of the protocol comes through **SELF-RECOGNITION**. After connections for inserting the module to the connector are terminated, the unit will undertake the synchronization in a few seconds, signalled by **RED quick flashes** of the module's LED.

○ **LED**

○

As soon as the synchronization has been completed, the protocol of the vehicle must be selected.
This operation will be confirmed by the **GREEN FLASHING light** of the module's LED.
The unit is ready for **SELECTING THE AUTORADIO**.

☀ **LED**

○

The default module presents the first radio to be selected which is the CLARION, the GREEN LED carries out 1 FLASH. The table below indicates the position of the radio.
In order to select a different radio press VOLUME + to go onwards or VOLUME - to go backwards..
Once the radio is chosen, confirm with SEEK +. The GREEN LED will become fixed confirming the selection.
It is also necessary to put the JUMPER JP1 in the correct position for the ALPINE, PIONEER and SONY autoradios.

ADATTATORE	RADIO
CBL007UNAL22	ALPINE
CBL007UNBL12	BLAUPUNKT / BLAUPUNKT 2
CBL007UNJV12	CLARION / JVC / DAYTONA 8000 / INDIANAPOLIS 2600 / INDIANAPOLIS 6100 Navi
CBL007UNKE11	KENWOOD
CBL007UNPI12	PIONEER / SONY / DAYTONA 7000
CBL007UNPN21	PANASONIC

● **LED**

○

JUMPERS

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

	1 - 2	2 - 3
J1	ALPINE - SONY OUTPUT	PIONEER 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

*The jumper J4 must be set if you use a 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.
*The jumper J1 doesn't be set if you use SUZUKA, DAYTONA 7000 AUTOSONIK and PHONO-CAR VM024 radio.
*BUENOS AIRES 200 model it is not equipped of the remote wired input so can be controlled only with 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