| | **UNICO DUAL 1C ALPINE**
INSTALLATION MANUAL | |

READ THE MANUAL CAREFULLY BEFORE CONTACTING TECHNICAL SUPPORT

UNICO DUAL 1C is an adapter for connecting OEM steering wheel controls.

Its compatibility is for vehicles with **CANBUS 1 wire (GM LAN).**

The unit recovers the steering wheel controls, the service outputs: ignition, lights, reverse, handbrake and speed signal (the presence of the outputs varies from vehicle to vehicle), and the alarm sounds of the original system (via external active buzzer).

The display is not recovered. The selection of the canbus protocol is in AUTO SELECTION.

RADIO compatibility is for **ALPINE** equipped with JACK input for remote control.

For correct installation please follow the steps described in this document:
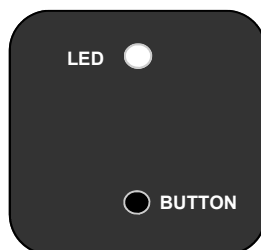
STEP NUMBER 1: DIP SWITCHES

The module has 4 DIP SWITCHES.

They are not to be used unless the module needs to be updated.

Follow the table below.

⚠️	SET DIP SWITCHES WITH UNICO DUAL MODULE NOT POWERED	⚠️

CANBUS 1C PROTOCOL	TUTTI OFF	
MODULE UPDATE	DIP 4 ON	

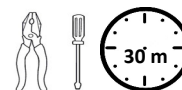| ⚠️	**USE DIP SWITCH 4 FOR UPDATE,** **ONCE THE OPERATION IS COMPLETED, TURN IT BACK TO OFF**	⚠️

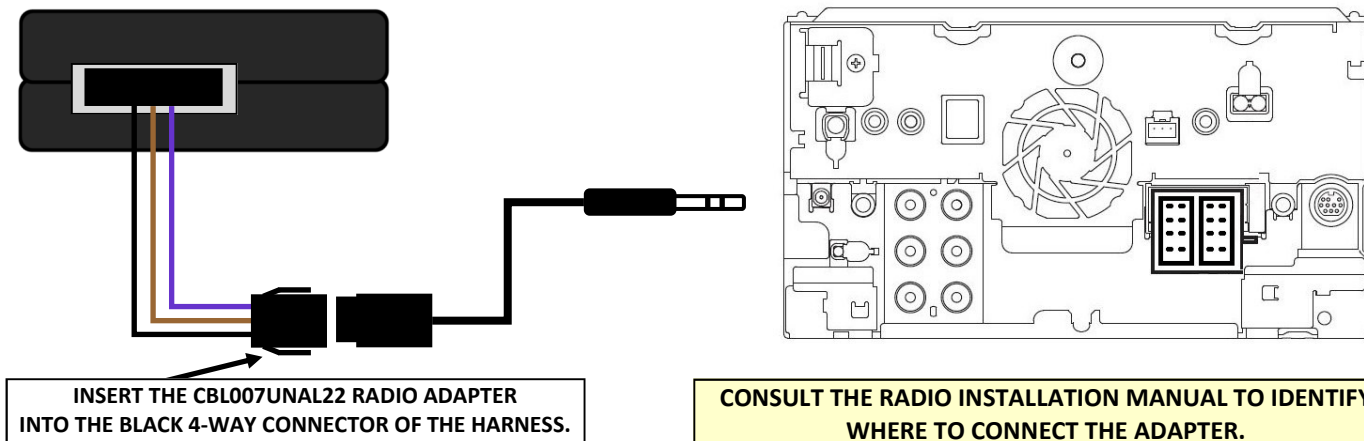|	UNICO DUAL 1C ALPINE INSTALLATION MANUAL	
PASER		30′ m

STEP NUMBER 2: CONNECTIONS

⚠️ **WARNING! MANDATORY CONNECTIONS ARE:**
RED TO +12 VOLTS / BLACK TO GND / GREEN TO CAN WIRE
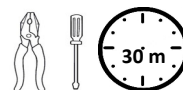**DO NOT USE WIRES PRESENT IN THE CABLE NOT MENTIONED BELOW** ⚠️

BLUE / YELLOW OUTPUT + 12 VOLT IGNITION
CONNECT IT TO RADIO IGNITION INPUT

RED / GREY SPEED SIGNAL OUTPUT
CONNECT TO SPEEDPULSE RADIO INPUT

GREEN
CAN 1C

GND

UNICO DUAL 1C
MODULE

RED + 12 VDC

BLACK GND

YELLOW / WHITE HANDBRAKE GND OUTPUT
CONNECT TO RADIO HANDBRAKE INPUT

QR CODE
DATASHEET
CONNECTION

ORANGE OUTPUT 12 VOLT SIDELIGHTS.
CONNECT TO RADIO SIDELIGHTS INPUT

BLUE 12 VOLT REVERSE OUTPUT.
CONNECT TO RADIO REVERSE INPUT

CONNECT THE RADIO ADAPTER TO THE SWC INPUT OF THE RADIO

INSERT THE CBL007UNAL22 RADIO ADAPTER
INTO THE BLACK 4-WAY CONNECTOR OF THE HARNESS.

CONSULT THE RADIO INSTALLATION MANUAL TO IDENTIFY
WHERE TO CONNECT THE ADAPTER.

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VEHICLE CONFIGURATION CONTROL MANAGEMENT

UNICO DUAL 1C allows you to set the vehicle configurations normally managed by the OEM radio.
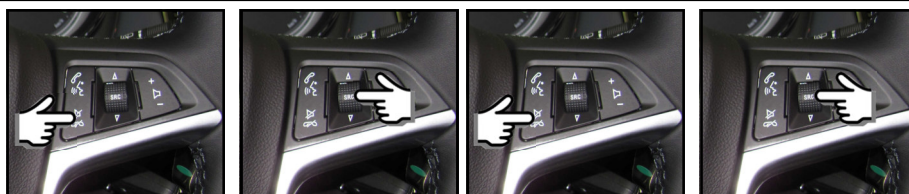
The procedure is very simple.

There are 6 available configurations as described in the table below.

Each function is represented by a number of BEEPS of the buzzer.

Each submenu is represented by a second number of BEEPS.

To access the settings menu, you must perform the following steering wheel button sequence:

MUTE / SOURCE / MUTE / SOURCE

Entering the MENU is confirmed by a series of BEEPS from the buzzer.

Now the buzzer will emit a BEEP followed by another BEEP.

This means that we can set the first available function, i.e. AUTOMATIC FAN SPEED.

Use the SEEK buttons to navigate the FUNCTIONS (use the WHEEL).

Use the VOLUME buttons to navigate the SETTINGS.

To confirm a setting, press SOURCE.

Confirmation of the setting will be highlighted by a series of BEEPS from the buzzer.

FUNCTIONS	PRIMARY BEEP	SETTINGS	SECONDARY BEEP
AUTO FAN SPEED	1	LOW	1
		MEDIUM	2
		HIGH	3
CLIMATE CONTROL MODE	2	OFF	1
		ON	2
		LAST SETTING	3
AUTO REAR DEMIST	3	OFF	1
		ON	2
REAR AUTO WIPE IN REVERSE	4	OFF	1
		ON	2
EXTERIOR AMBIENT LIGHTING	5	OFF	1
		ON	2
LIGHTING DURATION UPON EXIT FROM VEHICLE	6	OFF	1
		30 SEC.	2
		1 MIN	3
		2 MIN	4

TO EXIT PROGRAMMING, REMOVE THE IGNITION

PASER	UNICO DUAL 1C ALPINE INSTALLATION MANUAL	🔧 ⏱ 30 m
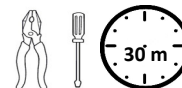
INFORMATION

⚠️ **MODULE RESET** ⚠️
RESET DOES NOT DELETE PREVIOUSLY CHANGED OPTIONS!!!
ONLY IF NECESSARY, RESET THE MODULE USING THE PLASTIC NAIL (SUPPLIED) AS DESCRIBED BELOW.

LED 🟢
RESET

PRESS AND HOLD THE RESET BUTTON FOR
10 SECONDS, THE LED WILL TURN OFF.
REMOVE THE PLASTIC NAIL.
THE RESET IS DONE.

⬜➡️

LED ⚪
RESET ⚪

⚠️ **TROUBLESHOOTING** ⚠️

THE UNIT DOES NOT PERFORM ANY FUNCTION AND THE LED IS OFF.
CHECK POWER CONNECTION.
THE UNIT IS POWERED CORRECTLY, BUT IT DOES NOT PERFORM ANY FUNCTION AND THE LED FLASHES RED QUICKLY.
CHECK CANBUS CONNECTIONS.
THE UNIT IS POWERED CORRECTLY, THE CANBUS IS CONNECTED CORRECTLY, BUT IT DOES NOT PERFORM ANY FUNCTION AND THE LED FLASHES RED QUICKLY.
CANBUS SYNCHRONIZATION FAILS, CONTACT TECHNICAL SUPPORT.
THE UNIT, CORRECTLY CONNECTED, WITH THE GREEN LED LIT, DOES NOT CONTROL THE RADIO.
1. CHECK THAT THE RADIO ADAPTER IS CONNECTED TO THE RADIO.

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 / SPEEDPULSE 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

READ THE MANUAL CAREFULLY BEFORE CONTACTING TECHNICAL SUPPORT.
CALL ONLY IF THE VEHICLE IS PRESENT
AND WITH THE MODULE AT HAND

Technical Support: + 39 0141 - 947676