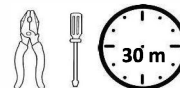


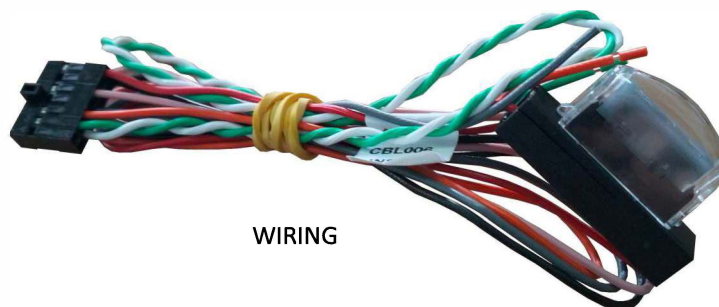
SLIMKEY EVO Installation Guide



KIT CONTENTS



SLIMKEY EVO UNIT



WIRING



PLASTIC PIN

WHAT ABOUT SLIMKEY EVO?

Slimkey EVO is a multi-protocol interface compatible with **CANBUS (CAN 2.0, FD CAN)**. It supports the **SAE-J1939**, **SAE-J2284**, and **ISO-15765** protocols.

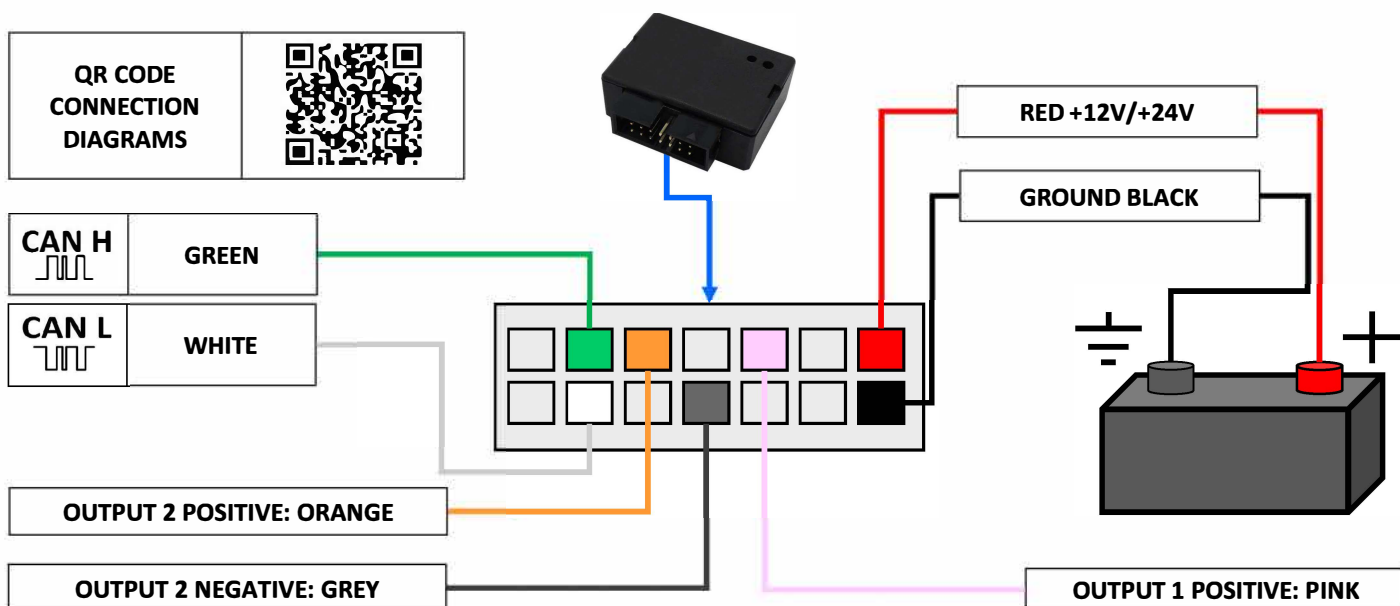
The CANBUS profile setup is performed automatically via self-recognition. The module operates at **12V or 24V**; the outputs will therefore be at 12V or 24V accordingly. Selection between **ISO-15765 (standard OBD diagnostics)** and **J1939** profiles must be performed manually.

There are **two configurable analog outputs** available.

By default, the configuration is as follows:

- **OUTPUT 1 – POSITIVE 1A**, preset as positive ignition (**PINK**).
- **OUTPUT 2 – NEGATIVE 100mA with PULL-UP**, preset as speed signal at 23K pulses per mile (**GREY**).

CONNECTION DIAGRAM



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OUTPUT SELECTION

To enter in the “Output Selection” Menu:

- quickly press the module button 5 times: 1 white flash indicates Output 1.

To move to the next output:

- briefly press the module button again: the number of white flashes corresponds to the output number currently selected.

To select an Output:

- Press and hold the module button for 5 seconds: the LED will flash WHITE a number of times corresponding to the selected output (e.g. 2 white flashes = Output 2), followed by RED flashes (tens) and GREEN flashes (units), indicating the current value of the selected output. (For the list of output values, please refer to the “Function Table”).

To modify the Output Value:

- Briefly press the module button until the LED displays the desired value, as indicated in the “Function Table”. If the current value is different from 1, the first press will reset the count to 1.

To Confirm the Selection:

- Press and hold the module button until the LED turns off. After each confirmation, the procedure restarts from the beginning, so you will need to re-enter the “Output Selection” menu.

To return to the Previous Menu:

- Press and hold the module button without changing the output value. The menu will return to the previous level.

HOW TO RESET THE VEHICLE PROFILE

To reset the vehicle profile of the module:

1. Press and hold the reset button on the module for 10 seconds using the supplied plastic pin: the LED will turn off, confirming that the reset has been executed.
2. Release the plastic pin: the LED will flash RED.

HOW TO SELECT OBD (ISO-15765) OPERATION MODE

For this operating mode, the module must be powered with ignition on.

To select the OBD (ISO-15765) operation mode:

1. Perform the reset procedure.
2. With the vehicle profile reset, quickly press the module button three times. The module will enter the vehicle profile selection menu.
3. Check for 1 RED flash (Profile 1) and confirm with a long press.
4. Verify that the LED turns solid GREEN and then BLUE if communication is successful.

HOW TO RETURN TO FACTORY SETTINGS

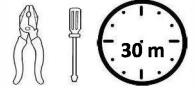
To reset the module and return to factory settings:

1. Quickly press the module button 9 times.
2. The LED will perform a long BLUE flash and the module will reboot.

TECHNICAL FEATURES

POWER SUPPLY	10/30 VDC
ABSORPTION IN SLEEP MODE	0,001 A
ABSORPTION IN WORKING MODE	0,100 A MAX 1,000 A
MAX CURRENT ON OUTPUT 1	1,000 A
MAX CURRENT ON OUTPUT 2	0,100 A

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WARNING: in OBD mode, only the options highlighted in yellow in the table below are available.

FUNCTION TABLE

LED FLASHES


FUNCTION



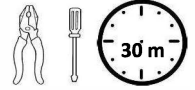
TENS UNITIES

X	1	Ignition
X	2	Lights
X	3	Reverse
X	4	Handbrake
X	5	Parking sensors beep
X	6	Engine RPM 1:1 Ratio (number of pulses per minute corresponds to the number of revolutions per minute)
X	7	Speedpulse 23000 pulses per mile
X	8	Speedpulse 11500 pulses per mile
X	9	Speedpulse 8000 pulses per mile
1	0	Speedpulse 4000 pulses per mile
1	1	Output active while vehicle is moving
1	2	Output active below 10 Km/h
1	3	Output active below 10 Km/h while vehicle is in moving
1	4	Output active below 10 Km/h and with handbrake on
1	5	Output active with reverse on and not active without reverse, with speed above a 10 Km/h
1	6	Output active with reverse on and not active without reverse, with speed above 20 Km/h
1	7	Output as function n. 15, but with self-activation on positive ignition
1	8	Output active above 40km/h and not active below 35km/h
1	9	Output active with internal combustion engine on
2	0	High beams
2	1	Open door
2	2	Closed via remote control

**CHECK COMPATIBILITY LIST
SCANNING FOLLOWING QR CODE**



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TROUBLESHOOTING

The unit is not operating and the LED remains off.

Check power supply connections.

The unit is powered correctly, but no functions are executed and the LED is flashing rapidly in red.

Check CANBUS connections.

The unit has correct power and CANBUS connection, but no functions are executed and the LED stays solid red.

Vehicle synchronization failed. Please contact technical support.

WARRANTY CONDITIONS

The product is covered by a 2-year warranty against any manufacturing defects.

The purchase document serves as proof of warranty validity.

**READ THE INSTRUCTIONS CAREFULLY BEFORE CONTACTING TECHNICAL SUPPORT.
CONTACT TECHNICAL SUPPORT ONLY WHEN THE VEHICLE IS PRESENT AND THE MODULE IS AVAILABLE.**

Technical Support: (+39) 0141 – 947676