

# NISSAN

## Immo emulator, for NATS 5 / 5.6 system

### Description:

For Nissan cars equipped with NATS 5 or NATS 5.6 systems.

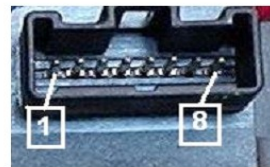
### How to install and align with ECU:

There are 3 methods possible:

#### Method 1: using diagnostic tool -

- install emulator in place of NATS unit: **Line** to pin1, **GND** to pin4, **+12** to pin7
- launch re-learn procedure using diagnostic tool. By default PIN code is 5523.

NATS 5 / 5.6 pinout:



- 1 K-Line
- 4 GND
- 6 Indicator
- 7 +12v IGN
- 8 +12v BATT

#### Method 2: via ECU dump -

- write syncro bytes (MAC) into ECU dump directly. By default MAC is 3A4F.

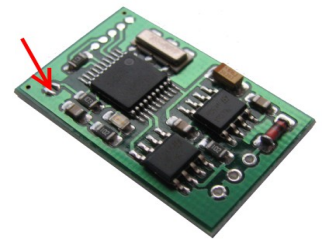
#### Method 3: update emulator data to match ECU using configurator software and any K-Line compatible adapter:

- place solder joint to short JUMPER, connect emulator to k-line adapter and power supply, launch software,
- replace PIN and MAC with any valid values you wish (PIN is your choice, but MAC must match value already stored into ECU), remove solder joint. Install emulator on car.

#### LED operation with jumper shorted (WORK mode, normal operation):

- One short blink – 1) on power-up 2) message received
- Four short blinks: ECU not authorized (wrong MAC ?),
- Long blink (LED is ON for 1 second): MAC accepted by ECU, engine start is allowed.

### JUMPER



### Connection diagram for configuration:

