

**INSTALLATION CERTIFICATE**

The undersigned qualified installer, attests having personally fitted the security system on the vehicle described below in accordance with the manufacturer's instructions.

By:

Sold on:

Product type: .....

Vehicle:

Signature

.....

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ISO 9001 Certified Company



# 5079T

## 12/24V

### INSTALLATION AND USE MANUAL



Made in Italy

AC2483 Rev.09 - 01/24



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## 1.0 - INTRODUCTORY NOTE

The Gemini 5079T is a resin filled immobilizer which can be installed on any vehicle with a 12 or 24V battery supply.

## 2.0 - SYSTEM DESCRIPTION

- Automatically adapts to 12 or 24 Volt vehicles
- Double engine immobilizer with 30 Amp relay
- Automatic arming
- Disarming via override key
- The unit is supplied with 2 random rolling code override keys (P/N K1TCDE2)

## 3.0 - SYSTEM ARMING

The immobilizer passively arms:

- 5 minutes after engine is switched off and no door is opened.
- Approx. 60 seconds after the engine is switched off and a door is opened.
- Approx. 60 seconds after the system is disarmed via the override key.

The LED will start flashing to confirm the system is armed; the vehicle can no longer be started.

## 4.0 - SYSTEM DISARMING

To disarm the system, touch the override key to its receptacle; the LED will stop flashing to confirm the system is disarmed.

## 5.0 - HOW TO PAIR A NEW KEY

1. Disarm the system.
2. Connect the BLACK wire marked "HW" to the vehicle ground
3. Cycle ignition key "ON" and then "OFF".
4. Touch the new override key to the receptacle. The LED will flash once to confirm pairing.
5. Repeat steps 3 and 4 for each new key.

If the immobilizer is coupled to an alarm system, repeat steps 3 and 4 and press the remote control button; the LED will flash to confirm pairing.

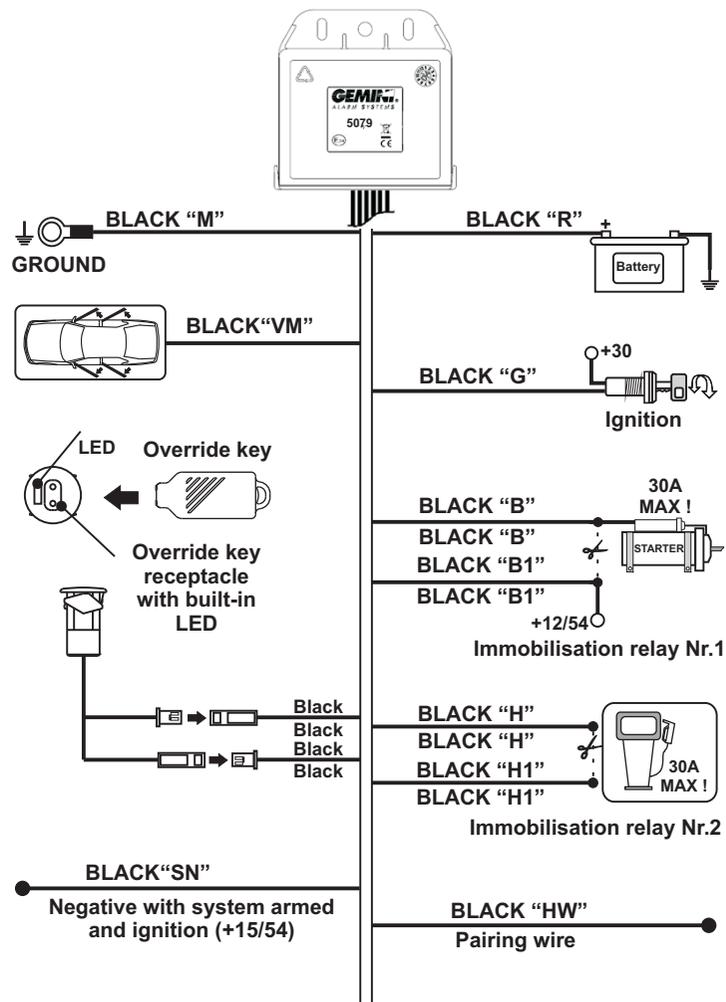
**NB: Storing memory is for 12 override keys.**

## 6.0 - ELECTRICAL CONNECTIONS

Disconnect the negative terminal of the battery and only re-connect after the installation is completed.

GROUND	BLACK "M"
BATTERY POSITIVE TERMINAL	BLACK "R"
IMMOBILISATION RELAY 1	2x BLACK "B" 2x BLACK "B1"
IMMOBILISATION RELAY 2	2x BLACK "H" 2x BLACK "H1"
IGNITION	BLACK "G"
DOOR SWITCH	BLACK "VM"
PAIRING WIRE	BLACK "HW"
NEGATIVE OUTPUT (SYSTEM ARMED AND IGNITION ON +15/54)	BLACK "SN"

## 7.0 - WIRING DIAGRAM



## 8.0 - TECHNICAL SPECIFICATIONS

Power supply	12/24 Vdc
Current absorption	2mA
Operating temperature	-30°C +85°C
Relay max current capacity	30A
Protection degree mechanic closure	IP40
Learning capacity	Up to 12 codes

Homologation number 5079T Cat 2:

TQA427

## 9.0 - WASTE ELECTRICAL AND ELECTRONIC EQUIPMENT

The present device falls within the field of application of the current WEEE Directive. The crossed-out wheeled bin symbol on the equipment or on its packaging indicates that the product, at the end of its useful life, must be discarded separately from other waste to allow adequate treatment and recycling.

The user must therefore take the equipment, at the end of its useful life, to an appropriate waste collection facility.

