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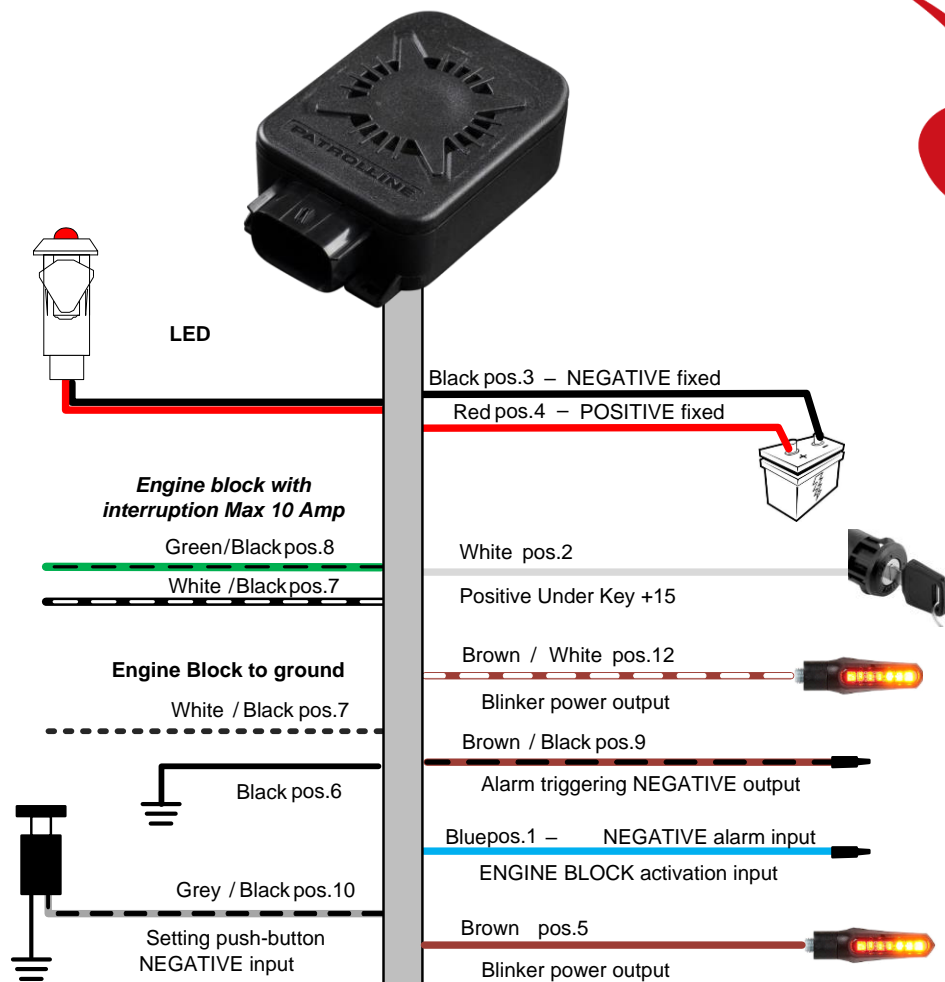
Max 4.0 is a universal anti-theft system designed for protecting mopeds, scooters, or motorcycles.

Package contents:

- 1 x MAX 4.0 Control Unit (with built-in siren and tilt sensor)
- 2 x **Talismano 4** 2.4GHz
- 1 x Warranty Certificate with QR code and instruction manual

Expansions:

The device can be paired with up to 24 external wireless magnetic sensors (MAX 75 and/or MAX 73, operating at 2.4GHz communication frequency), capable of extending protection to garage doors, windows, luggage bags, etc.



Refer to the "PIN to PIN Wiring List" for your specific vehicle model at this link:

https://tech.patrolline.it/uploads/download/ListaCablaggi_WiringList.pdf

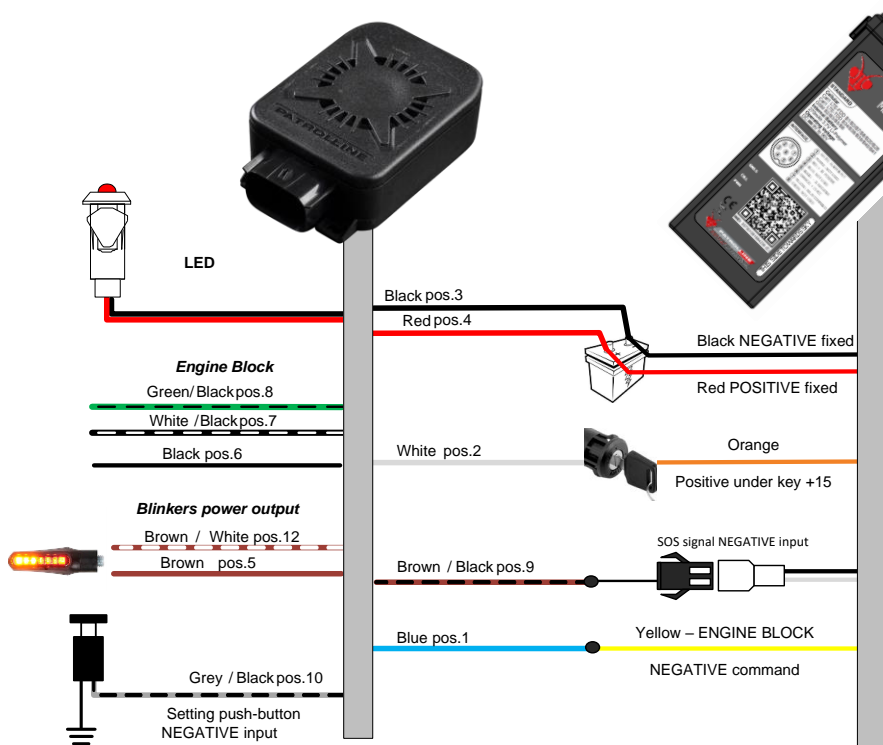
Download installation instructions for your specific vehicle model at this link:

<https://tech.patrolline.it/moto-search.htm>

Documentation is available upon registration in the reserved area at the following link:

<https://tech.patrolline.it/index.htm>

If installing in combination with MAX 4G, the necessary connection schematics for interfacing the two units are provided below.



The new MAX 73 transmitter is a wireless sensor that detects the opening of storage compartments and garage doors/windows where the vehicle is parked.

The transmitter must remain stationary for approximately 10 seconds to store its zero position. A quick LED flash indicates the position has been saved: from this point on, the transmitter is active and will signal compartment openings to the alarm system via radio.



LED Indicators:

- **Steady for 1 second:** Alarm successfully transmitted and recognized.
- **Quick flash:** Zero position saved.
- **Fast blinking:** Transmitter not stored, distance too far, or transmission unsuccessful.
- **4 slow flashes:** Low battery.

Battery Replacement:

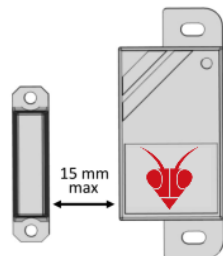
Open the transmitter case gently, remove the electronic board, take out the old battery, and insert a new one while respecting the polarity indicated. Use CR 24-50 lithium batteries. Replace batteries every 1 - 2 years.

MAX 75 INSTALLATION

The MAX 75 transmitter is a sensor using a magnet to monitor the opening of storage compartments or sliding windows.

LED Indicators:

- **Steady for 1 second:** Alarm successfully transmitted and recognized.
- **Fast blinking:** Transmitter not stored, distance too far, or transmission unsuccessful.
- **4 slow flashes:** Low battery.



Battery Replacement:

Open the transmitter case gently, remove the electronic board, take out the old battery, and insert a new one while respecting the polarity indicated. Use CR 20-32 lithium batteries. Replace batteries every 2-3 years.



Button 3 System Activation

- Confirmation: 1 bip (if enabled), 1 flash (if enabled), wired red LED lights up, optional module output activation (if programmed).
- Press again within 10 seconds to exclude optional module output. Exclusion confirmed by 3 visual/acoustic signals.

LED Indicators

- **Steady during button press:**
Transmission received by the system.
- **Fast blinking during button press:**
Transmission not received by the system (too far away).
- **4 flashing during button press:**
Low transmitter battery; replacement required.



BUTTON 2

Panic alarm and Siren mute

- Pressing with the alarm activated triggers a 30 seconds alarm cycle.
- Pressing during an ongoing alarm mutes the siren.
- Pressing within 10 seconds of activation excludes the siren. Exclusion confirmed by 4 visual/acoustic signals

BUTTONS 1+2

Tilt sensor exclusion

Press simultaneously within 10 seconds of activation to exclude the tilt sensor.
Confirmation: 6 visual/acoustic signals.

BUTTON 1 Sistem deactivation

- Confirmation: 2 beeps (if enabled), 2 flashes (if enabled), wired red LED turns off, engine immobilizer deactivation (if connected), optional module output deactivation.
- If alarms occurred while active, the LED remains steady, and additional beeps are emitted.
- To view alarm causes, press Button 1 again: the number of LED flashes indicates the cause.

BUTTONS 2+3

MAX 75/MAX 73 alarm exclusion

Press simultaneously within 10 seconds of activation to exclude radio alarms stored in Zone 2.
Confirmation: 5 visual/acoustic signals.

BUTTONS 1+3

System status check

Press simultaneously to check if the system was activated via Button 3.
LED blinks if activated; remains off if not activated or automatically activated.

The alarm system includes programmable functions via a button connected to a negative programming input.

Programming of all functions is enabled only when the alarm is deactivated.

To enable/disable a generic function, press the programming button *N* times (as per the table below) with the **ignition switched on**:

Function Number	Function
1	Not assigned
2	Access PIN-CODE Set-Up / Change <i>Default 1 - 2 - 3</i>
3	Learning and Deleting Non-Excludable Zone 1 Radio Alarm <i>MAX 75 - MAX 73</i>
4	Learning and Deleting Excludable Zone 2 Radio Alarm <i>MAX 75 - MAX 73</i>
5	Learning and Deleting Transponder Remote Control Talismano 4 - HPA 974
6	Direction Indicator Notification <i>Default OFF</i>
7	Arming / Disarming Acoustic Notification <i>Default ON</i>
8	Arming / Disarming Visual Notification <i>Default ON</i>
9	LED Activation During Anti-Aggression Function <i>Default ON</i>
10	Anti-Aggression Function <i>Default OFF</i>
11	Anti-Theft Function <i>Default OFF</i>
12	Disable All Engine Block Types in Anti-Aggression Mode <i>Default OFF</i>
13	Intermittent Engine Block in Anti-Aggression Cycle <i>Default OFF</i>
14	Instant Engine Block in Anti-Aggression Cycle <i>Default OFF</i>
15	Engine Lock After Vehicle Turned OFF in Anti-Aggression <i>Default OFF</i>
16	Not assigned
17	Not assigned
18	Panic Alarm Function <i>Default ON</i>
19	Acoustic Notification for Exclusions (Siren/Modules/Tilt/Radio Alarms) <i>Default ON</i>
20	Anti-Accidental Disarm Function (Anti-Distracton) <i>Default OFF</i>
21	Shock Sensor Sensitivity Programming and Disabling <i>Default ON Livello 4</i>
22	Tilt Sensor Sensitivity Programming and Disabling <i>Default ON Livello 3</i>

23	Jamming Function <i>Default OFF</i>
24	Stealth Function <i>Default OFF</i>
25	Auto-arming Function <i>Default OFF</i>
26	Pre-Alarm for Shock Sensor <i>Default ON</i>
27	Not assigned
28	Convert Trigger Alarm Output in Armed Alarm Output <i>Default Trigger Alarm Output</i>
29	Not assigned
30	Not assigned
31	Restore Alarm to Default Settings

Upon each button press, the alarm will emit a beep and the LED will light up. If the button is pressed a number of times that does not correspond to any function, the programming is canceled.

For enable/disable functions:

- **1 flash of indicators/LED - 1 beep** indicates the function is enabled.
- **2 flashes of indicators/LED - 2 beeps** indicates the function is disabled (default state).

SETTING FUNCTION DESCRIPTION

1. No function assigned

2. Access PIN CODE Setup / Change

This function is activated with programming number 2 and is used to compose or modify the PIN-CODE. (see paragraph on page 14)

3. Learning and Deleting Non-Excludable Zone 1 Wireless Sensors

This function is activated with setting number 3 and is used to store HPA973 or HPA975 wireless alarms in Zone 1 (not excludable via TLC).

Steps:

- Press the setting button 3 times.
- The LED flashes quickly.
- Activate the wireless alarms sequentially, one by one. Each learning process is confirmed by 1 bip, 1 indicator flash, and the LED stays on for 1 second.

The procedure ends after 30 seconds from the last stored device or when the vehicle's ignition is turned off. A maximum of 24 devices can be stored in Zone 1.

To delete sensor alarms in Zone 1:

- Press the setting button 3 times.
- The LED flashes rapidly.
- Press and hold the setting push-button for 5 seconds (steady LED). Deletion is confirmed by 1 bip, 1 indicator flash, and the LED stays on for 1 second. If the button is released before the signals, the alarms in Zone 1 will not be deleted, and the system will return to learning mode.

4. Learning and Deleting Excludable Zone 2 Wireless Sensors

This function is activated with setting number 4 and is used to store MAX73 or MAX75 wireless alarms in Zone 1 (excludable via TLC).

The procedure is the same to Zone 1 but involves pressing the programming button 4 times. A maximum of 8 devices can be stored in Zone 2.

To delete alarms in Zone 2: The procedure is the same to Zone 1 but involves pressing the programming button 4 times.

5. Learning and deleting Transponder Remote Control Talismano 4

This function is activated with setting number 5 and is used to store 2.4 GHz **Talismano 4 – HPA 974** remote controls.

Steps:

- Press the setting push-button 5 times:
- The LED flashes quickly.
- Activate the transmitters sequentially, one by one. Each learning process is confirmed by 1 bip, 1 indicator flash, and the LED stays on for 1 second.

A maximum of 4 **Talismano 4 – HPA 974** remote controls can be stored.

The procedure ends after 30 seconds of inactivity, once the maximum number of devices has been stored, or when the vehicle's ignition is turned off.

If adding a new **Talismano 4 – HPA 974** later, all previously functioning remote controls have to be stored again.

To delete remote controls: The procedure is the same to Zone 1 but involves pressing the programming button 5 times.

6. Enable / Disable direction indicator notifications

This function is activated with setting number 6 and it is used to enable/disable the warning for active direction indicators.

When enabled, after activating a vehicle direction indicator, the alarm will count the number of flashes. Upon reaching 48 flashes, it will emit 3 acoustic signals, repeated every additional 12 flashes until the direction indicator is turned off.

7. Enable / Disable Alarm Arming / Disarmig Acoustic Notification

This function is activated with setting number 7 and it is used to enable/disable the acoustic notification bips, during alarm arming and disarming.

8. Enable / Disable Alarm Arming / Disarmig Visual Notification

This function is activated with setting number 8 and it is used to enable/disable visual notifications using the direction indicators, during alarm arming and disarming.

9. Enable / Disable LED Flashing in Anti-aggression Function

This function is activated with setting number 9 and it is used to enable/disable the visual LED signal indicating that the anti-aggression function is running.

10. Enable / Disable Anti-Aggression Function

This function is activated with setting number 10 and it is used to enable/disable the anti-aggression function. See page 15, chapter "SPECIAL FUNCTIONS."

11. Enable / Disable Anti-Theft Function

This function is activated with setting number 11 and it is used to enable/disable the anti-aggression function. See page 15, chapter "SPECIAL FUNCTIONS."

12. Disable All Engine Block Types in Anti-Aggression Mode

This function is activated with setting number 12 and it is used to disable the engine block set for the anti-aggression function. By default, no engine block is programmed.

13. Enable / Disable Intermittent Engine Block During Anti-Aggression

This function is activated with setting number 13 and it is used to enable/disable intermittent engine block during the anti-aggression function.

14. Enable/Disable Instant Engine Block During Anti-Aggression

This function is activated with setting number 14 and it is used to enable/disable instant engine block during the anti-aggression function.

15. Enable/ Disable Engine Block after vehicle is turned OFF During Anti-Aggression

This function is activated with setting number 15 and it is used to enable/disable engine block after vehicle is turned OFF during the anti-aggression function.

16. /

17. /

18. Enable/Disable Panic Alarm Function

This function is activated with setting number 18 and it is used to enable/disable the panic alarm during the activated state.

19. Enable / Disable Acoustic Notification for Exclusions (Siren/Modules/Tilt/Radio Alarms)

This function is activated with setting number 19 and it is used to enable/disable the acoustic notification bip during any exclusions available in test mode.

20. Enable / Disable Anti-accidental Disarm function

This function is activated with setting number 20 and it is used to enable/disable the anti-accidental disarm function, also called anti-distraction.

This function automatically arms the alarm after 30 seconds if, once disarmed, the vehicle's ignition is not switched on.

21. Shock sensor sensivity ajustement

This function is necessary to set the shock sensor sensivity.

Shock sensor sensivity is default set to level 4 and it is adjustable from level 1 (maximum sensivity) to level 10 (minimum sensivity). It's also possible to turn OFF the shock sensor.

Setting procedure is the following:

- Push 21 times the setting push-button
 - a. With sensor ON the LED will flash as many time as it is the sensivity set, to inform the user about the current level,
 - b. With sensor OFF the LED will not flash and will be issued 4 bips acoustic signal, to inform the user about the shock sensor OFF state.
- At the end of the LED flashes or bips acoustic signals, push the setting push-button as many times as the sensivity level choosen:
 - c. from level 1 (maximum sensivity) to level 10 (minimum sensivity)
 - d. A number more tha 10 to turn OFF the shock sensor
- At the end of setting:
 - e. The LED will flash as many time as it is the sensivity set
 - f. It will be issued 4 bips acoustic signal, to confirm the shock sensor OFF state

Attention: through the function n°31 (default reset), the sensivity level doesn't change, but it will turn ON if it's current state was OFF.

ATTENTION: with a sensivity level less than 3 set, the false alarm events increase caused by the common vibrations in very noisy environments.

22. Lifting sensor sensivity ajustement

This function is necessary to set the lifting sensor sensivity.

Lifting sensor sensivity is default set to level 3 and it's adjustable from level 1 (maximum sensivity) to level 10 (minimum sensivity). Each step increases the angle threshold of about 0.26°.

Setting procedure is the following:

- Push 22 times the setting push-button
 - a. With sensor ON the LED will flash as many time as it is the sensivity set, to inform the user about the current level,
 - b. With sensor OFF the LED will not flash and will be issued 4 bips acoustic signal, to inform the user about the shock sensor OFF state.
- At the end of the LED flashes or bips acoustic signals, push the setting push-button as many times as the sensivity level choosen:
 - c. from level 1 (maximum sensivity) to level 10 (minimum sensivity)
 - d. A number more tha 10 to turn OFF the shock sensor
- At the end of setting:
 - e. The LED will flash as many time as it is the sensivity set
 - f. It will be issued 4 bips acoustic signal, to confirm the shock sensor OFF state

Attention: through the function n°31 (default reset), the sensivity level doesn't change, but it will turn ON if it's current state was OFF.

23. Enable / Disable Jamming function

This function is activated with setting number 23, it enables / disables the Jamming protection (radio blackout).

ATTENTION: with this function ON, false alarm situation can increase in high electromagnetic pollution zone (ex. Close to the Wi-Fi antennas and repeaters)

24. Enable / Disable "Stealth" function

This function is activated with setting number 24, it enables / disables the Stealth function. This function turn OFF permanently all the acoustic signals of the alarm (except the setting signalations and alarm registered during the arming). Optical alarm signals stay ON.

25. Enable / Disable auto-arming function

This function is activated with setting number 25, it enables /disables the auto-arming function.

The alarm turn ON automatically after 30 seconds that the key is turned OFF

The disarming must be manual, button 1 of **Talismano 4**.

26. Enable / Disable pre-alarm shock sensor function

This function is activated with setting number 26, it enables / disables the shock sensor pre-alarm. With this function ON, the first alarm cycle from shock sensor will trigger for 30 seconds like the other alarm causes.

27. /

28. Switch the alarm trigger output in alarm armed output

This function is activated with setting number 28, it switches the alarm output from trigger output to armed output. This function is used in case it's necessary to connect some added protection modules.

29. /

30. /

31. Reset to default parameters

This function is activated with setting number 31, it resets default parameters.

This functions doesn't delete the radio-transmitters stored, doesn't modify the PIN - CODE and doesn't modify shock and lifting sensors sensivity.

Shock and lifting sensors will be turned ON if they was OFF.



Push the arming button (button 3), after the blinker flash, the alarm will stay for 10 seconds into "neutral time" condition, signaled by the fixed light of the LED.

If, during the neutral time, 10 seconds, the alarm system detect a cause of alarm, it shows this by the blinker flashing. The number of the blinker flashing tell to you the cause of alarm. Look at the table on chapter "alarm memory" to know the cause.

If the alarm detects the same cause of alarm for 5 times, it excludes automatically this cause. The flashing of the LED of the dashboard will indicate that the system supervises the vehicle and is ready to signal the alarms.

ALARM

In case of alarm, the system trigger by the optic-acoustic signals, engine block activation, fast LED falshing for 28 seconds.

To stop the alarm triggering without to disarm the system, press the "2" button PATROLLINE of remote control.

To stop the alarm triggering and disarm the system, press the "1" button of remote control. If 3 consecutive alarm activations are detected from the same sensor, the system will exclude the sensor or that alarm line. During this condition, the engine block is still active.

ALARM MEMORY

When the alarm trigger, this status is recorded and it is signalled from the LED stay ON after the alarm disarming.

In this case is possible to push the "1" button of remote control and the LED start to flash many times as the alarm cause recorded:

<i>N° LED flashes</i>	<i>Cause</i>
2	ALARM FROM IGNITION SWITCH ON
3	ALARM FOR LIFTING SENSOR
4	ALARM FOR NEGATIVE INPUT – BLUE WIRE
5	ALARM FOR SHOCK SENSOR
6	ALARM FOR MAX75 / MAX73 WIRELESS SENSORS
7	ALARM FOR CUT-OFF POWER SUPPLY (BATTERY < 4V)
8	ALARM FOR RADIO BLACKOUT - JAMMING

Alarm armed, after the neutral time, press the "2" Button 2 of remote control and the alarm starts an alarm cycle lasting 28 seconds. To stop the alarm cycle, press again the "2" Button 2 of remote control.

ALARM STATUS MEMORY

When the power supply goes, the alarm maintain the status in that moment when the power supply goes ON again: armed – triggered – VALET mode

SELF-POWERED

MAX 4.0 PG is equipped with an internal back-up battery that warranty the operating when the power supply goes off. The battery recharge is managed by a dedicated electronic circuit.

HAZARD FUNCTION

It's possible to enable / disable the Hazard blinkers flashes by the "2" button of remote control. This function is available only in the disarming alarm status.

During this function enabled is possible to arm the alarm system, in this case the blinkers keep flashing and:

- During the neutral time is possible to do the exclusions by remote control,
- If, during the neutral time, the alarm system detects a cause of alarm, it cannot show this by the blinker flashing
- During the alarm status armed the first pressing of "2" button will turn OFF the hazard function
- Shock sensor will be disabled during the hazard function ON.



The PIN-CODE is an emergency procedure, it allows you to disarm the alarm in case of remote control no longer works or has been lost or damaged. It can be done with the ignition on, by entering a three-digit secret code using the setting button.

PIN-CODE composition for alarm disarming:

1. Turn ON the key
2. Push twice the setting push-button
3. The LED flash once
4. Push the setting push-button as many times as the first PIN-CODE number, 1 by default, the LED stay ON during composition, wait for the LED OFF.
5. Push the setting push-button as many times as the second PIN-CODE number, 2 by default, the LED stay ON during composition, wait for the LED OFF.
6. Push the setting push-button as many times as the third PIN-CODE number, 3 by default, the LED stay ON during composition, wait for the LED OFF.
7. If the PIN-CODE is correct the alarm will be disarmed.

PIN-CODE change:

1. Alarm disarmed
2. Turn ON the key
3. Push twice the setting push-button
4. The LED flash once
5. Insert the PIN-CODE see below, 1-2-3 by default
 - a. If PIN-CODE is correct the LED will flash twice.
 - b. If PIN-CODE is not correct the LED turn OFF and the procedure go down
6. Insert the first new PIN-CODE number, push the setting push-button as many times as the number, the LED stay ON during composition, wait for the LED OFF
7. Insert the second new PIN-CODE number, push the setting push-button as many times as the number, the LED stay ON during composition, wait for the LED OFF
8. Insert the third new PIN-CODE number, push the setting push-button as many times as the number, the LED stay ON during composition, wait for the LED OFF
9. The LED will flash 3 times.
10. Test the PIN-CODE, insert it again like from the point n°6
 - a. If PIN-CODE is correct, the blinkers/LED will flash 4 times and 4 bips
 - b. If PIN-CODE is not correct the LED turn OFF and the procedure go down

The IMMOBILIZER, ANTI-AGGRESSION and RANDOM ANTI-AGGRESSION functions ARE NOT ACTIVE by default.

Their activation can be done exclusively upon customer request and only by qualified personnel.

ANTI-AGGRESSION FUNCTION

This function (n°10), start two seconds after the Key turn ON.

The alarm LED starts to flash, if the **anti-theft** push button is not pressed, after 35 seconds, the siren is activated and the indicators flash for 15 seconds (pre-alarm), after which the engine block is activated, according to the mode set in functions 13 (intermittent), 14 (instantaneous), 15 (after the key turn off), for 45 seconds with a fixed LED.

The procedure can be interrupted at any time by pressing the anti-theft button, or by entering the PIN-CODE.

ANTI-THEFT FUNCTION

The Anti-theft function (function no. 11) is a manual alarm activation by button 3 of **Talismano 4** also with the vehicle's key ON (motorcycle on). In these way, the test cycle is not performed and the device immediately activates the alarm cycle for key ON.

The procedure can be interrupted at any time by pressing button 1 of **Talismano 4**, or by entering the PIN-CODE.

ATTENTION: activating the functions above, the electric engine block could activate while the vehicle is moving. The company is not responsible in any case for things or people damaged due to its operation.

VALET FUNCTION

The Valet function allows to permanently inhibit the device by the setting push-button.

The device remains inhibited until its next reactivation (performed with the same mode).

When the device is set in Valet function mode, no alarm safety functions can be activated.

To turn ON / OFF the Valet function, follow the procedure:

- Alarm status disarmed
- Eventually reset the Immobilizer function if requested
- Turn ON the KEY
- Eventually reset the Anti-Aggression function if requested
- Press and hold the setting push-button, the LED stay ON
- Hold this condition for 10 seconds, the LED start to flash
- Release the setting push-button during the LED flashing:
 - 1 beep 1 blinkers flash 1 LED flash indicate that the VALET function is activated
 - 2 beep 2 blinkers flashes 2 LED flashes indicate that the VALET function is deactivated

Please note that the state of Valet function is stored in permanent memory, reset power supply of device does not re-enable it.

To inform the user about the Valet function state is ON, the LED flash twice for 40 seconds, every time that the key is turned ON.

PATROLLINE guarantees the device against manufacturing defects for a period of 24 months from the date of delivery. The warranty consists in free replacing or repairing of parts unusable or inefficient because of factory's fault verified by Patrolline. Any delay in carrying out works do not entitle to damages or extension of warranty. The warranty lapses if the devices are used not in conformity with the present conditions, if they are modified, repaired or tampered, if the defects derive from accidents, from negligence or from using parts not original. What above-mentioned is the only warranty, that therefore substitutes the legal one. The buyer has not the right to ask for the annulment of the contract, to claim compensation or price reduction.

RESPONSIBILITY: Patrolline has no responsibility or obligations for any accident and/or damage to things/people that could occur using the device.

LIMITATIONS: the buyer undertakes to not to use the device for purposes different from the ones it is for, and to not to modify its construction and its functioning. Saved any possible action of compensation for damages, it is agreed that the non-observance of the regulations above-mentioned involves the immediate end of the right of warranty.

Enforcement formality

1) **The validity** starts from the date of delivery (that is the date of the first installation) signed on the warranty special coupon with the receipt attached or a copy of the invoice. Without these documents, the warranty will start from the date of manufacturing.

2) **The following services are free:** the supply and replacement of the parts unusable or inefficient because of verified defect of material; the labor to replace and repair the above-mentioned parts; the supply of materials that have become necessary after the above-mentioned actions and pertinent to them.

3) **Are payable by the buyer:** the replacement of various materials not connected with the interventions to repair the device for verified defect; maintenances and interventions because of wear, accident or conditions that do not follow the indications of Patrolline.

4) **Every piece returned**, for any reason, to Patrolline will be done by PORTO FRANCO. **These conditions of warranty** have to be considered valid only on National territory (Italy).

Warning The alarm must be installed by a qualified person following carefully the indications of the manufacturer. The person who do the installation must fill in the *installation certificate* attached. The homologation number of the alarm can be found on the user's manual or on the label located on the plastic box of the alarm. Every following modification to the device or to the connections of the alarm invalidates the installation certificate.

INSTALLATION CERTIFICATE

I SIGNED _____
 CERTIFICATED INSTALLER, I CERTIFY THAT THE INSTALLATION OF THE VEHICLE PROTECTION DEVICE DESCRIBED BELOW HAS BEEN CARRIED OUT IN ACCORDANCE WITH THE INSTRUCTIONS PROVIDED BY THE MANUFACTURER.

VEHICLE DESCRIPTION:

BRAND AND MODEL _____

LICENSE PLATE NUMBER _____

ALARM DEVICE INSTALLED DESCRIPTION:

BRAND AND MODEL _____

SERIAL NUMBER _____

INSTALLER'S STAMP AND/OR SIGNATURE _____

INSTALLATION PLACE AND DATE _____