



**LEGOS1/LEGOS3
OPERATION MANUAL**

MotorCycle Alarm by 

SIGNALS

STATUS OF CENTRAL UNIT	LED	DIRECTION INDICATORS	SIREN
Passive arming	Slow flashing	1 short flash	1 BEEP
Arming by remote control	Flashing	2 flashes	2 BEEP
Arming without internal lift and tilt sensor (LEGOS 3)	On fixed during initial immunity phase	flashes 2 + 1	BEEP 2 + 1
Arming with open contact	Flashing	2 flashes	2 BEEP-1 BOOP
Initial immunity phase	Reversed flashing		
Testing during the initial immunity phase	Reversed flashing		1 BEEP
Central unit armed	Flashing		
Alarm cycles	Flashing	lampeggianti	Sounds
Disarming without alarms	Switches off	1 flash	1 BEEP
Disarming when the motorcycle's battery is flat	Switches off		4 BEEP
Disarming when alarms have been memorised	Switches off briefly every 6 sec.	1 BEEP - 1 BOOP	
MEMORISED ALARMS		LED SIGNALS	
Internal movement sensor		1 flash	
Contacts		2 flashes	
Ignition sensing		3 flashes	

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If various alarms have been triggered, the memory will signal them in a sequence with 3 second pauses and will repeat the sequence every 6 seconds.
The memory is reset when the motorcycle is started up or when the alarm system is armed with the remote control again.

PASSIVE ARMING

The central unit arms automatically in 50 seconds:

- After the motorcycle's key has been turned OFF, or
- After the remote control has been pressed to disarm the alarm system, or
- After the alarm system has been disarmed using the 'override' code.

The passive arming is signalled by a short flash of the direction indicators, by a BIP from the siren, the very slow flashing of the LED; only the engine immobiliser is armed. It is also possible to select the passive arming of all the alarm system (see the paragraph on configuration). In this case, the signals given are the same as those of arming using the remote control.

MANUAL ARMING

Press the button 1 of the remote control briefly within 50 seconds of turning the motorcycle's ignition key OFF; the direction indicators flash twice and the siren emits 2 BEEP sounds. All the central unit's functions have been activated and the LED is flashing.

ARMING WITHOUT ACTIVATING THE INTERNAL MOVEMENT SENSOR (LEGOS 3 ONLY)

Press the button 1 of the remote control for approximately 2 seconds and within 50 seconds of turning the motorcycle's ignition key OFF; the direction indicators flash 2 + 1 times and the siren emits 2 + 1 BEEP sounds. All the central unit's functions have been activated except the movement sensor LEGOS 3.

The LED remains on without flashing for the initial immunity phase and then flashes normally.

DISARMING

Press the button 1 of the remote control briefly: the direction indicators flash once, the siren emits 1 BEEP sound and the LED switches off if no alarms have been triggered while the alarm system was active. If the LED remains on and the siren also emits a BOOP sound, this means that the alarm system was triggered. To find out how the alarm was triggered, consult the MEMORISED ALARMS table.

If visual and acoustic signals are given during arming or disarming that are different to those described above, consult the SIGNALS table to find out what they mean.

INITIAL IMMUNITY PHASE

For the first 26 seconds after the alarm system has been armed with the remote control, the LED flashes slowly to signal that it is possible to test the protection functions of the system. Any alarm triggers do not provoke an alarm but just BEEP sounds by the siren together with the resetting of the initial immunity phase which starts again. When this phase is over, the LED reverses its flashing sequence (short switches on) and any alarm triggers will provoke an alarm.

ACTIVE PHASE

This is when the alarm system is armed and after the initial immunity phase is over. Any alarm triggers will provoke an alarm cycle that lasts 26 seconds: the direction indicators flash, the siren, when connected, emits a distinctive, modulated sound the horn will sound intermittently and it will be impossible to start the engine.

PROTECTION BY THE ALARM SYSTEM

The alarm central unit protects the motorcycle against being started and an alarm cycle will be triggered every time:

- the ignition key is turned ON
- an attempt is made to remove or move any part of the motorcycle which is protected by specific switches (for example if the seat or the storage compartment is opened ...)
- the motorcycle is moved

CARJACKING PROTECTION

An additional remote control is needed for this function which your installer can provide if you give him the code on the red CODE CARD supplied with the product and indicate to him that it must be programmed as remote control n°7. At the same time, have your installer check that the immobiliser of the alarm system has only been connected to the ignition pack.

When this remote control has been programmed (see specific procedure), it is possible to trigger a 3-minute alarm cycle that will start 20 seconds after pressing the button on the remote control. The immobiliser will also be activated about 30 seconds after the button was pressed, and this prevents the motorcycle from being started again after it has been switched off.

All the other remote controls will be ignored by the alarm system during the alarm cycle and only with the N°7 remote control is possible to disarm the car-jacking protection.

STOP MODE – LIMITING CURRENT CONSUMPTION

The alarm system automatically switches off in order to limit the consumption of current in the motorcycle's battery, automatically excluding the alarm functions but maintaining the immobilisation of the engine. In this condition current consumption is nil.

STOP MODE is activated 5 days after the system was armed by remote control or automatically (passive arming) if no alarms were triggered in this time;

- If the motorcycle's battery is almost flat.

To exit STOP MODE, turn the ignition key ON: the siren will emit a series of BEEP sounds. Press the remote control within 5 seconds of the BEEPS to disarm the alarm system. If the remote control is not pressed within 5 seconds, an alarm cycle will be triggered.

EMERGENCY BLINKER

The Motorcycle's Blinker can be armed by remote control.

To arm, press button 1 on the remote control 2 times when the ignition key is in the ON position.

To disarm, press button 1 on the remote control 1 time when the ignition key is in the ON position.

NB: When the Blinker has been armed by remote control and the ignition key is in the OFF position, the alarm can be armed: this will automatically neutralise the internal lift and tilt sensor

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PANIC (LEGOS 3)

It is possible to trigger a 10 second alarm cycle by pressing the second button on the remote control. This alarm cycle can be interrupted by pressing the same button again.

SPECIAL FUNCTIONS – CONFIGURATION

It is possible to set some alarm functions to adapt the alarm system to the motorcycle and its driver's needs. To set the functions, which are described in the table below, proceed as follows:

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1. arm the alarm system with the remote control
2. turn the ignition key ON within 10 seconds: the siren will make a BEEP sound to confirm selection
3. press the remote control's button briefly 4 times: the siren will make 4 BOOP sounds to confirm reception of the signal
4. turn the motorcycle's ignition key OFF
5. turn the motorcycle's ignition key ON and then OFF the same number of times as the number of the special function to be set (see table). Leave the ignition key ON the last time: the LED is on
6. briefly press the button of the remote control once if the settings described in the first column are required (see table - BEEP column)
7. briefly press the button of the remote control twice if the settings described in the second column are required (see table - BOOP column)
8. turn the ignition key OFF and briefly press the button of the remote control to exit programming mode, otherwise repeat from step 5 to set another function.

TABLE SPECIAL FUNCTIONS – CONFIGURATION (factory settings in bold type)

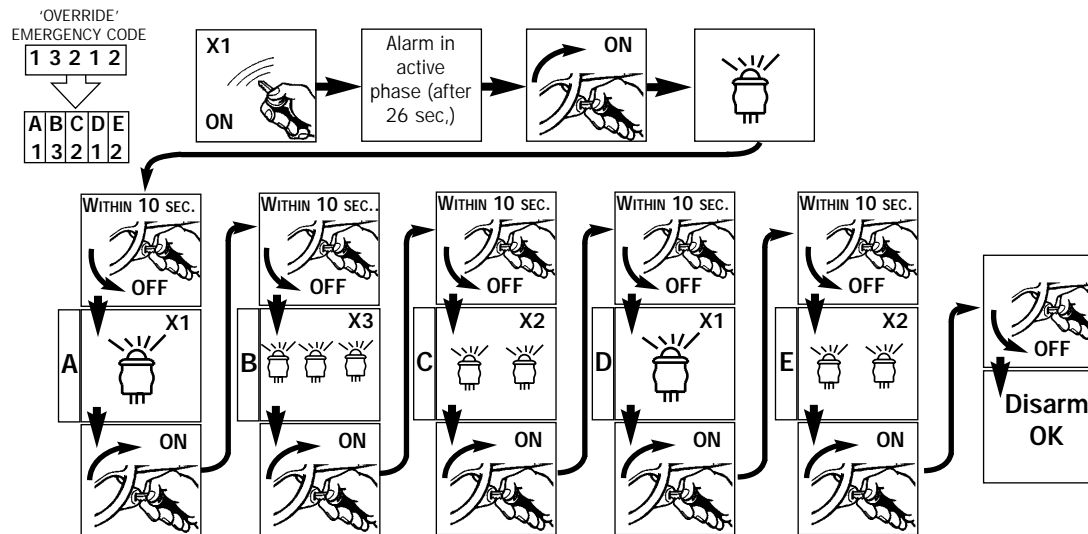
	FUNCTION	BEEP	BOOP
1	Buzzer when arming and disarming	YES	NO
2	Direction indicators when arming and disarming	YES	NO
3	Horn/siren alarm output or control of activation	Allarm	Activation
4	Control of alternate horn or continuous siren	Alternated	Continuous
5	Passive arming only of immobiliser or also alarm function	Immobiliser	Also alarm
6	Passive arming with movement sensor enabled	YES	NO
7	Alarms of cyclical or single contacts	Cyclical	Derived
8	Enabling of automatic arming	YES	NO

'OVERRIDE' EMERGENCY CODE

If a remote control is lost, stolen or damaged, it is possible to disarm the alarm system with a 5 digit emergency code called the 'OVERRIDE' code. The code is found on the label supplied with the remote controls.

This label must be kept in a safe place and not with the motorcycle.

The procedure is operational only after the initial immunity phase is over, and if the alarm functions are operational, alarm cycles will be triggered while the override code is inserted.

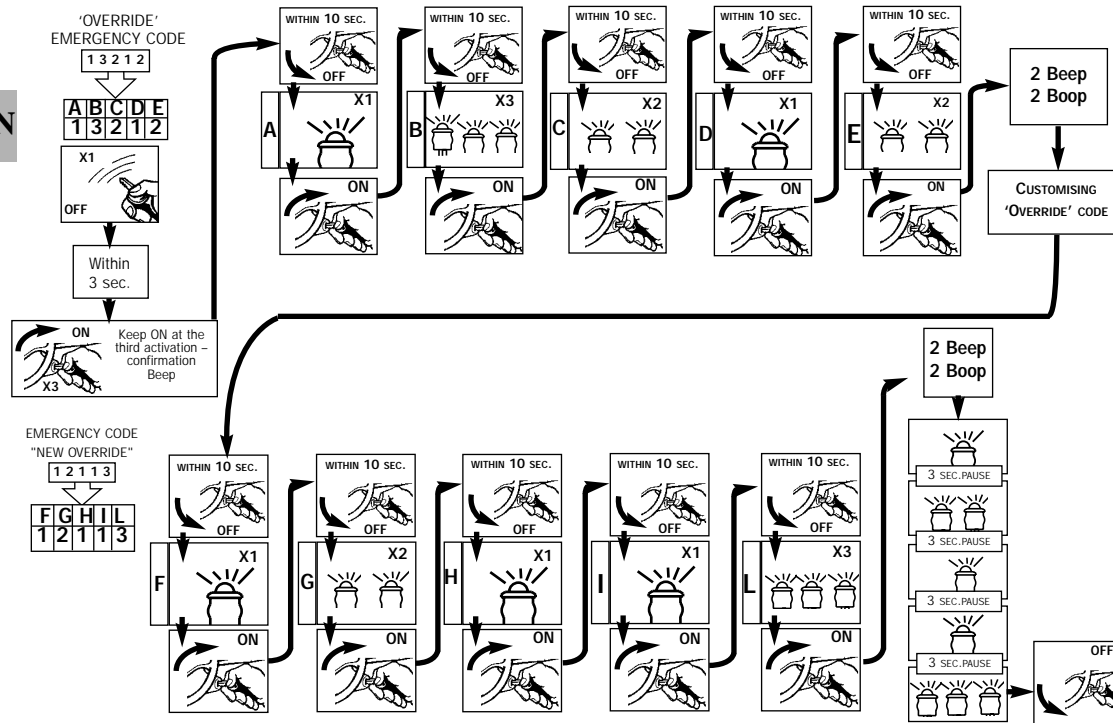


WARNING: if 3 attempts to insert the wrong code are detected, the central unit will be blocked for 30 minutes in order to prevent attempts to search for the code.

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CUSTOMISING THE 'OVERRIDE' CODE

It is possible to customise the 'override' code so that it is easier to remember in case of emergency.
Proceed as follows:



RESTORING THE DEFAULT OVERRIDE CODE

Should the driver forget or lose the override code for the product, the '11111' default override code can be restored provided he has two remote controls. Follow the procedure below to do this:

Disarm the product using the remote control, turn the motorcycle's ignition key to ON and press button 1 alternately on both remote controls (remote control n°7 neutralised) twice. The siren confirms that the override code has been restored by means of its Beep-Beep-Boop-Boop sequence, and the LED then displays the code 11111. All the actions requiring use of the override code can now be completed since it has been confirmed.

ADDITIONAL REMOTE CONTROLS

The alarm system is usually supplied with 2 remote controls, called nr. 1 and nr. 2.

It is possible to check how many remote controls are programmed into the alarm system's central unit every time the motorcycle is switched off (i.e. when the ignition key is turned OFF): the LED flashes the same number of times as the number of remote controls.

To add or remove remote controls from the memory, gather all the remote controls together that are to be included in the alarm system's memory (new remote controls must be programmed at your dealer's with the code on the red code-card that is supplied with the product) and proceed as follows:

1. disarm the alarm system
2. turn the ignition key ON for 3 times within 10 sec and keep it ON the last time (a BEEP sound confirms selection)
3. turn the ignition key OFF within 10 sec and insert the 'override' code
4. when the fifth digit is confirmed, keep the ignition key ON: a series of BEEP-BEEP-BOOP-BOOP sounds confirms the code was correct
5. briefly press the button of the remote control to be included: the LED flashes to confirm reception
6. press the button of the same remote control again: a BEEP sound the LED switching OFF confirms it has been memorised
7. repeat steps 5 and 6 for all the remote controls to be included. Any remote controls that are not used (e.g. if lost) will be excluded.
8. turn the ignition key OFF a series of BEEP-BEEP-BOOP-BOOP sounds confirms the end of the procedure and the LED flashes the same number of times as the number of included remote controls.

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