



## **ATLANTE4**

4CH Remote Control for HELIOS  
wireless intrusion systems

090010624



IT08020000001624



## FOREWORD

### FOR THE INSTALLER:

Comply strictly with current standards governing the installation of electrical systems and security systems, and with the manufacturer's directions given in the manuals supplied with the products.

Provide the user with full information on using the system installed and on its limitations, pointing out that there are different levels of security performance that will need to suit the user's requirements within the constraints of the specific applicable standards. See that the user looks through the warnings given herein.

### FOR THE USER:

Check the system's operation thoroughly at regular intervals, making sure the equipment can be armed and disarmed properly.

Make sure the system receives proper routine maintenance, employing the services of specialist personnel who meet the requirements prescribed by current regulations.

Ask your installer to check that the system suits changing operating conditions (e.g. changes in the extent of the areas to be protected, change in access methods, etc...).

.....

This device has been designed, built and tested with the utmost care and attention, adopting test and inspection procedures in accordance with current legislation. Full compliance of the working specifications is only achieved in the event the device is used solely for its intended purpose, namely:

### **4CH Remote Control for HELIOS wireless intrusion systems**

The device is not intended for any use other than the above and hence its correct functioning in such cases cannot be assured. Consequently, any use of the manual in your possession for any purpose other than those for which it was compiled - namely for the purpose of explaining the product's technical features and operating procedures - is strictly prohibited.

Production processes are closely monitored in order to prevent faults and malfunctions. However, the componentry adopted is subject to an extremely modest percentage of faults, which is nonetheless the case with any electronic or mechanical product. Given the intended use of this item (protection of property and people), we invite you to adapt the level of protection offered by the system to suit the actual situation of risk (allowing for the possibility of impaired system operation due to faults or other problems), while reminding you that there are specific standards for the design and production of systems intended for this kind of application.

**We hereby advise you (the system's operator) to see that the system receives regular routine maintenance, at least in accordance with the provisions of current legislation, and also check on as regular a basis as the risk involved requires that the system in question is operating properly, with particular reference to the control unit, sensors, sounders, dialler(s) and any other device connected. You must let the installer know how well the system seems to be operating, based on the results of periodic checks, without delay.**

Work involved in the design, installation and maintenance of systems incorporating this product should be performed only by personnel with suitable skills and knowledge required to work safely so as to prevent any accidents. It is vital that systems be installed in accordance with current legislation. The internal parts of certain equipment are connected to the mains and therefore there is a risk of electrocution when maintenance work is performed inside without first disconnecting the primary and emergency power supplies. Certain products include batteries, rechargeable or otherwise, as an emergency backup power supply. If connected incorrectly, they may cause damage to the product or property, and may endanger the operator (explosion and fire).

## EU DECLARATION OF CONFORMITY

Hereby, EL.MO. S.p.A. declares that the radio equipment ATLANTE4 is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following Internet address: [elmospa.com](http://elmospa.com) – registration is quick and easy.



# 1. GENERALS

ATLANTE4 is an FM remote control device to enable and disable control devices of wireless intrusion systems based on HELIOS control units and compatible ones. Its refined design and ergonomic shape make it very easy to use.

ATLANTE4 facilitates access to protected rooms thanks to the possibility to control armed / disarmed status of control units and unit's partializations (DAY and NIGHT). The four buttons can be easily identified thanks to the symbols on the top and the special shape of the remote control prevents accidental pressure of buttons.

When a button is pressed, it generates a corresponding coded transmission confirmed by the lighting of the LED on the front - it lights green for disarming command and red for arming combinations. In case of HELIOS and Villeggio control units, when two partial activation (sector) buttons are pressed simultaneously, a Panic Alarm will be transmitted and telephone calls placed by the built-in dialler (with correct parameters set).

To enable commands to be recognised by the control unit, it is necessary to perform code self-learning procedure (see relevant setup procedure in the manual).

ATLANTE4 is powered by two 3 V button batteries CR2032 installed in series that supply power for very long time.

In case of reduction of the operating range (normally 70 m in open field) replace batteries by opening the small door under the device.

# 2. FEATURES

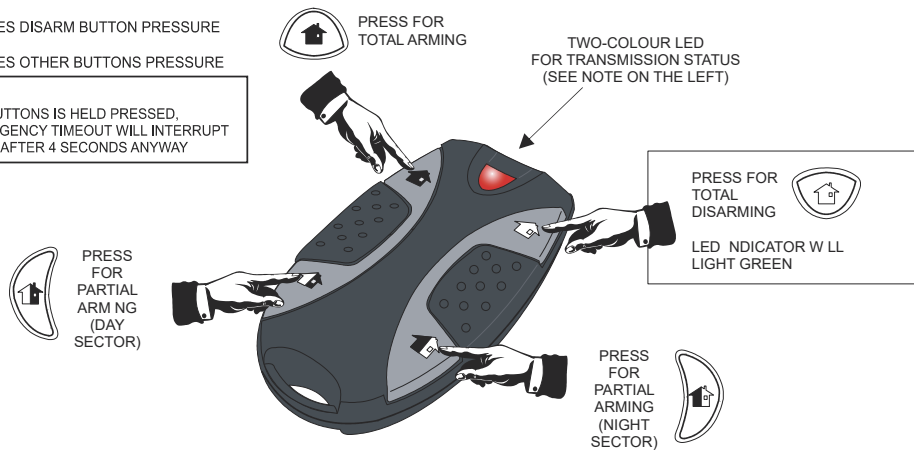
<b>Device type:</b>	<b>ATLANTE4</b>	<b>TX power (max)</b>	10 mW
<b>Performance level:</b>	CEI 79-2 1st level, CEI 79-16 B level	<b>Frequency:</b>	transmission mode over European frequency for FM LPDs
<b>Power supply:</b>	6V by 2 button batteries CR2032	<b>Encoding:</b>	remote control already encoded (ready to be self-learnt)
<b>Power consumption:</b>	17 mA peak. 10 mA normal, 0,1 µA stand-by	<b>Timeout:</b>	block after 4 s of non-stop transmission
<b>Discharged battery level:</b>	4.1 V with transmission of the relevant event and LED blinking once (lowest operating threshold at 3.6 V)	<b>Transmission sequency:</b>	45 frames before timeout
<b>Buttons:</b>	ON, OFF, two sector buttons (programmable). PANIC ALARM transmission when the two sector buttons are pressed simultaneously	<b>Operating range:</b>	70 m in open field; <b>Range depends on environment conditions</b>
<b>LED indicator:</b>	two-colour front LED indicator; It blinks once in case of discharged battery.	<b>Operating autonomy:</b>	normally over one year autonomy calculating 8 transmission/day
<b>Operating temperature:</b>	-10°C to +55°C, 93% r.h.	<b>Dimensions and weight:</b>	W37 x H80 x D16 mm, 26 g
		<b>Colour:</b>	black plastic body with screen-printed grey rubber buttons
		<b>Parts supplied:</b>	2 batteries CR2032, technical manual

# 3. OPERATING MODE

View of ATLANTE4 remote control and button functions:

NOTE: TWO-COLOUR LED INDICATING TRANSMISSION IN PROGRESS.  
GREEN LIGHT:  
INDICATES DISARM BUTTON PRESSURE  
RED LIGHT:  
INDICATES OTHER BUTTONS PRESSURE

WARNING:  
IF ANY OF THE BUTTONS IS HELD PRESSED, ATLANTE4 EMERGENCY TIMEOUT WILL INTERRUPT TRANSMISSIONS AFTER 4 SECONDS ANYWAY



# 4. HOW TO REPLACE ATLANTE4 BATTERY

The battery has to be replaced with a new one when remote control operating range diminishes and the LED indicator blinks once when pressing a button. The operating autonomy is normally over one year autonomy calculating 8 transmission/day, but in any case the battery should be changed every 5 years max.

Procedure:

- use a cross-tip screwdriver to unscrew the fixing screw,
- open ATLANTE4 case by removing the bottom side,
- remove old batteries and replace them with new ones of the same type (CR2032).
- insert new batteries with "+" symbol and CR2032 writing face up.
- put the case bottom side back in place and screw the fixing screw properly. To avoid damaging the case, do not screw it too tightly.

**CAUTION! This device contains button cells.**

Do not ingest the battery. Chemical burn hazard.

In case of ingestion, button cells might cause severe internal burn within just 2 hours and could result in death.

Keep new and used batteries away from children's reach.

If the battery slot does not firmly close, suspend product use and keep it away from children's reach.

In case of suspected ingestion or insertion in other body cavities, seek medical attention immediately.

## 5. HOW TO MEMORISE A REMOTE CONTROL CODE

---

ATLANTE4 remote control is supplied encoded. The code can be assigned to any of the users managed.

Storage procedure of a new remote control code may be different, depending on the device to store.

Standard procedure:

- enter code memorisation menu of control unit,
- enter "Store Remote \_\_\_?" menu,
- press one of the ATLANTE4 buttons,
- check the code has been correctly received and that the remote control LED lights on/off accordingly,
- setup properties to assign to ATLANTE4 user,
- check the remote control works according to the new setup.

## 6. DISPOSAL INSTRUCTIONS

---

Art. 13 Decreto legislativo 25 luglio 2005, n° 151: Enforcement of 2002/95/EC, 2002/96/EC and 2003/108/EC Directives on Restriction of Hazardous Substances (RoHS) and Waste of Electric and Electronic Equipment (WEEE):

- The rubbish container symbol on equipment or on equipment package indicates that it shall be disposed of separately from other waste products.
- The separate collection of this product is organized and managed by the manufacturer. Users wishing to dispose of this product shall contact the manufacturer and follow his indications on the system adopted for the disposal of separate collected waste products.
- A proper separate collection of waste aiming at an environmentally friendly recycling, treatment and disposal of the products contributes to inflict minimal harm on the environment and on public health and facilitates a new use or the recycle of materials the waste products are made of.
- Improper disposal of this product will be punished by current law.