

Technical manual



ATLANTE4PLUS

Bidirectional remote control

90030795





WARNING

FOR THE INSTALLER:

Please follow carefully the specifications relative to electric and security systems realization further to the manufacturer's prescriptions indicated in the manual provided.

Provide the user the necessary indication for use and system's limitations, specifying that there exist precise specifications and different safety performances levels that should be proportioned to the user needs. Have the user view the directions indicated in this document.

FOR THE USER:

Periodically check carefully the system functionality making sure all enabling and disabling operations were made correctly. Have skilled personnel make the periodic system's maintenance. Contact the installer to verify correct system operation in case its conditions have changed (e.g.: variations in the areas to protect due to extension, change of the access modes, etc...)

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This device has been projected, assembled and tested with the maximum care, adopting control procedures in accordance with the laws in force. The full correspondence to the functional characteristics is given exclusively when it is used for the purpose it was projected for, which is as follows:

Bidirectional remote control

Any use outside of this area is not provided and it is not possible to guarantee its proper operation, and therefore it is expressly forbidden to the holder of this manual to use it for other reasons than those indicated.

The manufacturing process is carefully controlled to prevent defects and malfunctions; nevertheless the components used is subjected to faults extremely low percentage, as indeed it does for every other electronic or mechanical.

Given the target of this article (property and persons protection) invite the user to proportion the protection level offered by the system to the actual risk (considering the possibility that the system it is operating in degraded mode due to faults or other), reminding that there are clear rules for the design and construction of equipment to this type of application.

The system's operator is hereby advised to see regularly to the periodic maintenance of the system, at least in accordance with the provisions of current legislation, as well as to carry out checks on the correct running of said system on as regular a basis as the risk involved requires, with particular reference to the control unit, sensors, sounders, dialler(s) and any other device connected. The user must let the installer know how well the system seems to be operating, based on the results of periodic checks, without delay.

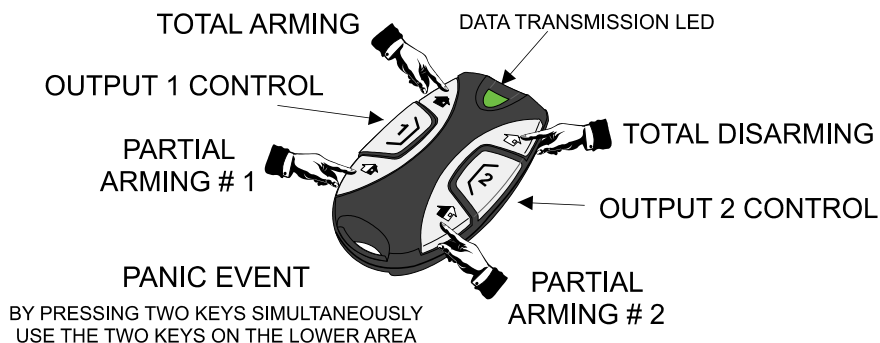
Design, installation and servicing of systems which include this product, should be made by skilled staff with the necessary knowledge to operate in safe conditions in order to prevent accidents. These systems' installation must be made in accordance with the laws in force. Some equipment's inner parts are connected to electric main and therefore electrocution may occur if servicing was made before switching off the main and emergency power. Some products incorporate rechargeable or non rechargeable batteries as emergency power supply. Their wrong connection may damage the product, properties and the operator's safety (burst and fire).

Your dealer:



1. GENERALS

The ATLANTE4PLUS remote control is a bidirectional remote control with rolling code able to report the receipt and execution of the command by the receiving control unit. The remote control is equipped with 6 buttons.



2. FEATURES

Model:	ATLANTE4PLUS	Frequency:	transmission on European frequency for LPD devices.
Performance level:	I level.	Encoding:	radio control already coded, ready for self-study.
Power supply:	3V from button battery CR2032 type.	Code sequences:	9 transmission packets. 12 receive packets.
Power consumption:	14 mA of peak. 9 mA in reception.	Code combinations:	2^{32}
low battery condition:	event transmission and viewing with LED flashing as shown in the manual. Minimum operating threshold 2.1V.	Range:	70 metres in open field. The range is subject to limitations dependent on environmental conditions.
Buttons:	ON, OFF, two programmable partializations. (PANIC event transmission if the two partition buttons are pressed together) dedicated buttons for outputs control.	Autonomy:	on average, more than one year.
Viewings	two-color front LED light flashing for transmission. LED under the buttons to report the signal received from the control unit	Dimensions and weight:	W 37 x H 80 x D 16 mm, 22 grams.
Operating temperature:	-5 / +45 °C, 93% U.R.	Colour:	black plastic with buttons with opaline rubber silkscreened buttons.
		Supplied as standard:	1 built-in CR2032 battery, technical manual.

Hereby, EL.MO. Spa declares that the radio equipment ATLANTE4PLUS 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 – registration is quick and easy.

3. OPERATION

3.1 Signalings

ATLANTE4PLUS is equipped with 6 yellow backlight buttons and a central two-color LED (green / red) for reports related to the operation.

The yellow LEDs of the buttons light up as confirmation of receipt and execution of the command by the control unit. The two-colour LED light up with green colour to signal the remote control activation after the button press, with red colour to signal the impossibility to execute the command or not confirmed by the receiving control unit. The yellow LEDs buttons light up as confirmation of receipt and execution of the command by the control unit.

Note: the remote control successfully signals (switch on yellow LED) the operations of the sectors arming already arming and sectors disarming already disarming.

3.2 Perform commands impossibility and confirm failure

ATLANTE4PLUS signals the impossibility to perform the command from the control unit or the confirm failure through red LED switch on.

If it is impossible to perform the command (eg. arming command and control unit not insertable) the red LED is turned on within few seconds from the activation; if it is not received confirmation from the control unit, the red LED is turned on after 10 seconds from the activation.

3.3 Panic function

The panic function is obtained press simultaneously the two or more buttons dedicated to the arming / disarming operation. The panic function can not be activated by the outputs control buttons.

3.4 Sending commands

If it send a new command, before it is reported the result of the previous command, this will not be displayed: it will be displayed exclusively the result of the last sent command.

3.5 Low battery warning

The low battery warning is carried out through a triple flashing of the yellow LED or red LED at the end of an ATLANTE4PLUS activation.

4. BATTERY REPLACEMENT

To replace the battery, open the ATLANTE4PLUS housing unscrewing the locking screw on the rear side. The battery used is CR2032 type.

ATTENTION: pay attention to the polarity inserting the battery with the positive pole facing outward.
During the battery replacement DO NOT TOUCH THE BATTERY POLES WITH YOUR FINGERS but always insert a piece of insulating material such as a piece of cardboard or the transparent plastic of the blister pack that contains the new battery.
Touching the connectors with your fingers reduces the overall life of the battery
Do not use springs tweezer in order to not put in short circuit the battery poles.

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.

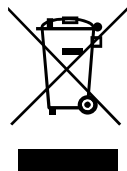
Keep new and used batteries away from children's reach.

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. DISPOSAL INSTRUCTIONS - USER INFORMATION

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.