

Operating manual

RADIO RECEIVER AR-1-500N-868

ENGLISH

1. DESCRIPTION

Designed for remote control of automatic doors. This radio receiver is used with radio controls AT-4N-868. When a command from the radio control is received, the receiver output closes for ~1 second.

2. TECHNICAL SPECIFICATIONS

Number of control channels.....	1
Working supply voltage.....	12 V to 24 V DC/AC
Absorbed current (NMT), mA.....	18
Working frequency, MHz.....	868.350±0.15
Number of remote controls accepted, pcs.....	up to 500
Relay output.....	NO
Output contact load.....	0.5 A max., 24 V DC/ 0.25 A max., 125 V AC
Enclosure protection degree.....	IP40
Ambient temperature, °C.....	-20...+50
Overall dimensions (NMT), mm.....	78×44×25
Connection cable length (NLT), mm.....	450
Weight (NMT), g.....	75

⚠ The company reserves the right to introduce changes to this manual and technical specifications of the product. The content of this manual cannot be used as a grounds for legal claims.

3. INSTALLATION

Installation of the receiver can be performed in two ways: by mounting using the self-adhesive pad (included in the kit); or by means of the enclosure fixation holes (fig. 1). Perform the receiver connection in accordance with fig. 2.



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DOOR SYSTEMS

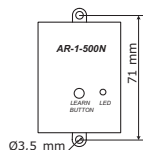


Figure 1

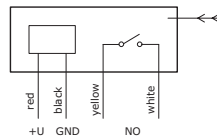


Figure 2

⚠ The installation location should provide high-quality reception of the radio signal (no screening and reflecting surfaces or other sources of radio emission). Before starting connection works, ensure that the supply has been isolated so that the wiring is not live.

4. REMOTE CONTROL PROGRAMMING

RECORD	'LED' indication
press 'LEARN BUTTON' of receiver	illuminates
press and release the selected remote control button	does not illuminate
press the same button again	flashes several times
DELETING	'LED' indication
press and hold (~8 s) 'LEARN BUTTON' of receiver	flashes (~8 s)

When recording a remote control that has previously been added to memory earlier, the remote control will be overwritten, and if the another button has been pressed while recording, then a new remote control button will be added to memory. The deleting procedure leads to deleting of all added radio controls from the receiver memory.

5. STORAGE, TRANSPORTATION AND DISPOSAL

Keep the packed product in dry premises at temperatures between of 0...+25 °C and relative air humidity no more than 80%. The air inside the premises must not contain acidic, alkaline and other aggressive substances. Do not expose the product to the precipitation or direct sunlight. Storage period—3 years from the date of manufacture. Transportation may be carried out by means of any roofed land vehicle fitted with the means to prevent crushing of packages and load retention equipment.



Disposal is to be performed in accordance with the current waste processing and disposal regulations applicable in the country of the Customer. The product does not contain precious metals and substances that pose a threat to life, human health or the environment. Operation life—5 years.

6. WARRANTY

The warranty on the operation capacity of the product is provided if the storage, transportation and maintenance operations are carried out according to the set regulations. The warranty period is three years. Under the warranty, the service department only eliminates malfunctions caused by the fault of the Manufacturer.

Note: the parts replaced under the warranty are considered the property of the service department that carried out the product repair.

The warranty does not apply in the following cases:

- violation of use and storage regulations;
- alterations performed by unauthorised persons, damage of the products caused by the consumer or third parties;
- damage caused by water ingress within the device;
- force majeure (fires, lightning strikes, floods, earthquakes and other natural disasters);
- failure to provide a completed operation manual.

For questions about the service please contact the organization that carried out the installation of the equipment.

7. STATEMENT OF COMPLIANCE

Copies of declarations of compliance can be found at:
<http://www.alutech-group.com/en/products/other/automatics/documents>

Made in China

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