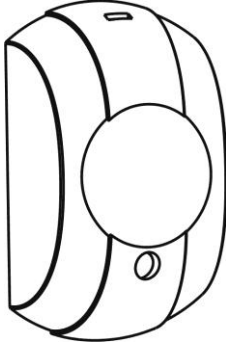




Astra-10 Ver.M2

Light and Sound Alerter



User Instructions

Sales, Warranty Service and Technical Support:

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Made in Russia



Rev. 10-M2v1_2_instr_EN

1 FUNCTION

The alerter is intended for light and sound alerting about current status of an object equipped with a control panel of a fire/intrusion detection and alarming system.

2 SPECIFICATION

Contrast perception of light signal against ambient light background, Lx, min ...500
 Acoustic pressure level at 10 cm distance, dB.....85
 Generated signal frequency, kHz2,3
 Light signal viewing angle, °180
 Power supply voltage, V.....from 10 to 15
 Current consumption, mA, max:
 - Light channel15
 - Sound channel.....40
 Overall dimensions, mm, max..... 62x37x28,5
 Weight, kg, max0,03

Operating Conditions

Temperature range, °Cfrom - 30 to + 55
 Relative air humidity, %..... up to 93 at + 40 °C
 Without moisture condensation

3 DELIVERY SET

Delivery set includes: dowel – 2 pcs., screw – 2 pcs.

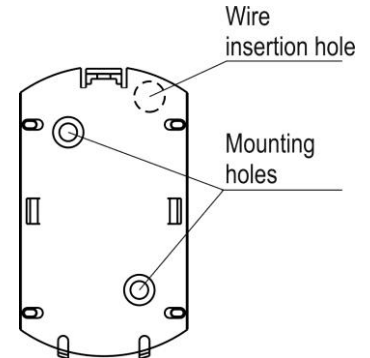
4 SELECTING INSTALLATION PLACE

- 1) Install alerter on bearing walls and carriers.
- 2) Inside permanent structures the preferable places of installation are those well viewed from outside.
- 3) Installation place should **avoid exposure to sunlight**.

4) Connection wires should be located far from power cables.

5 INSTALLATION PROCEDURE

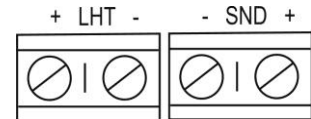
- 1) Remove the cover of the alerter by inserting a flat blade screwdriver into the slot on the side of the housing and turning the blade so as to release the latch from cover slot.
- 2) Unbend hooks and remove PCB.
- 3) Fix alerter base on the wall.



- 4) Replace PCB and perform wiring (see par.6).
- 5) Replace alerter's cover.

6 WIRING

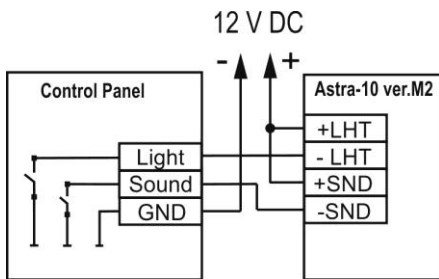
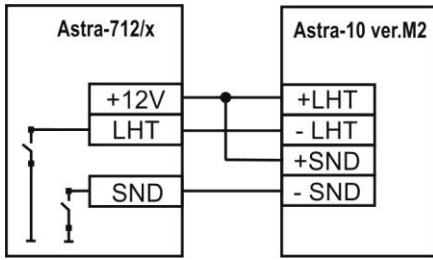
Perform wiring to alerter's terminals in accordance with selected connection diagram (see sec.7).



-LHT, LHT+ - alerter's connection terminals to 12 V DC when using it for light alerting.

-SND, SND+ - alerter's connection terminals to 12 V DC when using it for sound alerting.

7 CONNECTION DIAGRAMS



8 WARRANTY

The operation warranty period is 2 years from the date of operation start-up but no longer than 2 years 6 months from the date of manufacturing subject to the requirements of Operating Manual.