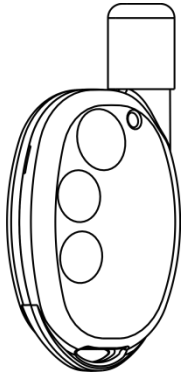




ASTRA-942 Laser Pointer



User Guide

Manufacturer:
ZAO NTC TEKO
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Made in Russia

Rev. 942-v1_1_instr_en

1 FUNCTION

The Laser Pointer is designed for:
– remote launching of the registration procedure on 433 MHz wireless system and on Astra-A addressable wired devices,
– remote testing of wireless devices of the fire detectors of 433 MHz and Astra-A systems,

2 SPECIFICATION

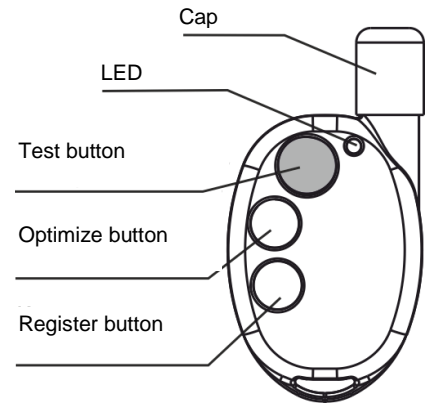
Range, m, not more:
- for fire smoke and heat detectors10
- for other addressable devices 5
Output power radiation, mW, no more 5
Supply voltage, Vfrom 2,2 to 3,0
Current consumption in mode transmission, mA, no more10
Radiation wavelength, nmfrom 630 to 680
Overall dimensions, mm77 × 40 × 15

Operating conditions

Temperature range, °Cfrom -10 to + 55
Relative Humidity air, % up to 95 at + 40 °C
Without moisture condensation

3 DELIVERY SET

The Pointer delivery set includes battery CR2430 (installed) - 2 pcs.



4 INDICATION

Status	LED
Norm	1x short flash for 0.1 sec. when any button is pressed
Battery discharge	Flashes continuously when any button is pressed and the power supply voltage is below 2.7 V

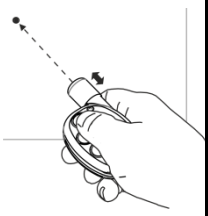
5 OPERATION

ATTENTION! Laser radiation!
Avoid direct eye contact!

5.1 Focusing the laser beam

1) Press and hold any button on the laser pointer until the laser beam appears.

2) Aim the laser beam at a hard surface. By moving the pointer cap up and down, achieve the minimum diameter of the radiation spot on the selected surface at the testing distance.



5.2 Operation

Press the corresponding button and hold until the laser beam appears, direct the laser beam to the indicator of the addressable device. Irradiate the indicator of the addressable device for 1 sec.

1) Irridiate the button.

Within no more than 5 sec, the addressable device must give an indication corresponding to its current state.

6 BATTERY REPLACEMENT

- a) Remove the cap.
- b) Unscrew the screw.
- c) Remove the base by inserting the blade of a screwdriver alternately into the slots on the Pointer case.
- d) Replace batteries, observing polarity.
- e) Assemble the laser pointer.

7 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 User guide

