



## JA-150ST Wireless fire and temperature detector

The JA-150ST optical wireless **smoke and temperature detector** detects fire inside residential or commercial premises. It allows these settings: **smoke and heat, smoke or heat, smoke only, heat only.**

- [Declaration of conformity - JA-150ST \(PDF 313.16 kB\)](#)
- [Declaration of performance - JA-150ST \(PDF 192.18 kB\)](#)

### Description

It has an **alarm memory function** where the LED still lights after the alarm state is over.

It is **battery powered** by alkaline batteries.

It is addressable and occupies one position in the alarm.

### Technical specifications

<b>Power</b>	3x LR6 (AA) type alkaline batteries, 1.5 V Warning: batteries are not included
<b>Typical battery lifetime</b>	approx. 3 years
<b>Communication band</b>	868.1 MHz, Jablotron protocol
<b>Effective Radiated Power (ERP)</b>	10 mW
<b>Communication range</b>	approx. 300 m (unrestricted area)
<b>Dimensions</b>	diameter 126 mm, height 50 mm
<b>Weight</b>	150 g
<b>Smoke detection</b>	optical light scattering
<b>Smoke detector sensitivity</b>	$m = 0.11 - 0.13$ dB/m pursuant to EN 54-7
<b>Heat detection</b>	class A2 according to EN 54-5
<b>Alarm temperature</b>	+60 °C to +70 °C
<b>Operating temperature range</b>	-10 °C to +80 °C
<b>Complies with</b>	EN 54-5, EN 54-7, EN 54-25

**Also complies with**

ETSI EN 300220, EN 50130-4, EN 55022, EN 60950-1

**Can be operated according to**

ERC REC 70-03

**Recommended screw**

2x  $\varnothing$  3.5 x 40 mm (countersunk head)