



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

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