



## JA-163A Wireless outdoor battery powered siren

The JA-163A RB siren is a component of the JABLOTRON 100+ system. It is used to indicate alarms outdoors and for supplementary acoustic indication. The siren is powered by a lithium battery, completely without the need of any external power supply.

o [Declaration of conformity - JA-163A \(PDF 173.35 kB\)](#)

### Description

The siren consists of a JA-163A-BASE-RB base with the electronic components, a BAT-100A lithium battery and a top enclosure of the JA-1X1A-C-xx series. The enclosures are supplied in several colour designs. It occupies one position in the system.

The components of the JA-163A RB product (base, top enclosure and battery) are supplied separately. The reason is free selection from a number of top enclosures and the transport conditions of the battery.



**JA-163A-BASE-RB - bottom part with electronics**



**JA-1X1A-C-ST - stainless steel cover**



**JA-1X1A-C-ST-B - stainless steel cover**



**JA-1X1A-C-WH - plastic cover - white**



**JA-1X1A-C-WH-B - plastic cover - white**



**JA-1X1A-C-GR - plastic cover - gray**



**JA-1X1A-C-GR-B - plastic cover - gray**



**JA-1X1A-C-AN - plastic cover - anthracite**



**JA-1X1A-C-AN-B - plastic cover - anthracite**

## Technical specifications

<b>Power</b>	Lithium battery 3.6 V/13 Ah type BAT-100A, BAT-100A.01 (up to 2 batteries can be used) Please note: battery is not included
<b>Current consumption (nominal/maximal)</b>	0.3/1000 mA
<b>Battery low voltage</b>	≤ 2.8 V
<b>Typical battery lifetime</b>	approx. 5 years (for basic settings)
<b>Communication frequency</b>	868.1 MHz, JABLOTRON protocol
<b>Communication range</b>	approx. 300 m (open area)
<b>Antenna internal, external</b>	can be used, type AN-868

<b>Activation lost integrity</b>	acoustic tamper alarm (110 min)
<b>Piezo electric siren</b>	100 dB/m
<b>Dimensions (cover included)</b>	200 x 300 x 70 mm
<b>Weight</b>	434 g
<b>Classification</b>	security grade 2/environmental class IV
<b>- according to</b>	EN 50131-1, EN 50131-4, EN 50131-5-3
<b>- environment</b>	general outdoor
<b>- operational temperature range</b>	-20 to +60°C
<b>- power supply</b>	type W
<b>- operational humidity</b>	75% (95% 30 days) RH, non-condensing
<b>- certification body</b>	Trezor Test s.r.o. (no. 3025)
<b>Security grade</b>	IP44
<b>Also complies with</b>	ETSI EN 300 220, EN 50130-4, EN 55022, EN 60950-1
<b>Can be operated to</b>	ERC REC 70-03