JA-150TX-UNI Wireless universal transmitter

type: 5TRXUNI2201MY

The product is a component of the **JABLOTRON** system. It is intended to be installed inside 3rd party detectors (Optex, Optea, Duevi, etc.) and allows their integration with **JABLOTRON** system. The transmitter is designed to be installed by a trained technician with a valid Jablotron certificate.

Installation



The VOUT and GND terminals work as a power supply output for a detector! They are connected to the battery holder. Do not connect any other device to these terminals, it may damage the transmitter.

- 1. Place the transmitter into the detector and connect it according to the terminal description (1).
- 2. The transmitter can be powered by a battery inserted in the JA-BAT-UNI battery holder (7) or via the VIN and GND terminals. **Notes**:
- If needed the transmitter can be equipped by an AN-868 (3PIN) external antenna connected to the antenna connector (4.).
- The maximum cable length between a detector and the transmitter inputs should not exceed 3 meters.



Fig. 1: Desciption of the product: 1 – terminals; 2 – serial number; 3 – red and yellow indicator; 4 – external antenna connector; 5 – connector for JA-BAT-UNI; 6 – power supply switch; 7 – battery holder JA-BAT-UNI;

Enrolment to the system and settings

Depending on the type of control panel, use the recommended software or application, see the control panel manual.

Technical parameters

Power 1x Lithium battery, type	CR123A (3.0 V/1.4 Ah)
when using JA-BAT-UNI o	r 3–10 V DC connected
to the VIN/VC	OUT and GND terminals
Low battery voltage in JA-BAT-UNI batte	ery holder <2.4 V
Quiescent current consumption	
Maximal current consumption	50 mA
Maximum radio-frequency power (ERP)	25 mW
Typical lifetime of battery	approx. 2 years
RF range - distance from the CPu	p to 300 m (open area)
Communication band	, JABLOTRON protocol
Operational environment	II. indoor general
(ac	cording to EN 50131-1)

Classification	Security grade 2
(* installation in detectors meeting same security level)	
Weight (w/o battery)	
Battery holder weight	5.6 g
Average operating humidity	75% RH, non-condensation
Dimensions	80 x 22 x 12 mm
Operating temperature range	10 °C to +40 °C
Complies with ETSI EN 300 220-1	, -2, EN 50131-1, -3, -5-3, -6,
EN 50130-4, EN IEC 63000,	EN 55032, EN IEC 62368-1
Can be operated according to	ERC REC 70-03



JABLOTRON a.s. hereby declares that the 5TRXUNI2201MY product is in a compliance with the relevant Union harmonisation legislation: Directives No.: 2014/53/EU, 2014/35/EU, 2014/30/EU, 2011/65/EU, if it is used as intended. The original of the conformity assessment can be found at www.jablotron.com Section Downloads.



Note: Disposing of this product correctly will help save valuable resources and prevent any potential negative effects on human health and the environment, which could otherwise arise from inappropriate waste handling. Please return the product to the dealer or contact your local authority for further details of your nearest designated collection point.

For an electronic version of this document (available in other languages) or an installation version in JA-100+, scan the attached QR code: https://manuals.jablotron.com/ja-150tx-uni.

