

JA-155M, JA-155M-BR, JA-155M-GR, JA-155M-AN

Wireless mini magnetic detector

type: 5MAG2306RF

The product is a component of the **JABLOTRON** system. It is used to detect the opening of doors, windows, etc. The detector has either a state response or a pulse response. The detector is designed to be installed by a trained technician with a valid Jablotron certificate. This product is compatible with JA-103K, JA-107K control panels.

Installation

Place the detector on the fixed part of the door (window) and the magnet on the moving part. The magnet can be attached to the detector from the left or the right. When mounting on a metal surface, it is recommended that the magnet be spaced away from the metal surface using the supplied plastic pads.

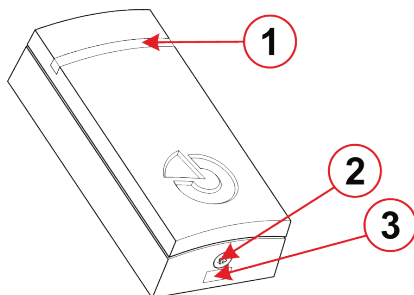


Figure 1: Description of external parts of product: 1 – LED light guide; 2 – locking screw; 3 – cover tab

1. Open the detector cover by pressing the latch (3).
2. Screw the housing part to the selected location on the door or window frame.
3. Insert the battery into the battery holder (5).
4. Replace the detector cover, snap into the cover latch (3) and secure with the supplied locking screw (2).
5. Screw the permanent magnet (4) onto the moving part of the window or door.

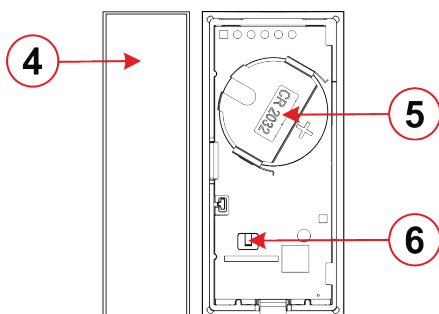


Figure 2: Description of internal parts of detector: 4 – permanent magnet; 5 – battery holder; 6 – tamper

Enrolment to the system and settings

Depending on the type of control panel, use the recommended software or application, see the control panel manual. The detector can be set with a *Status*/Impulse* response.

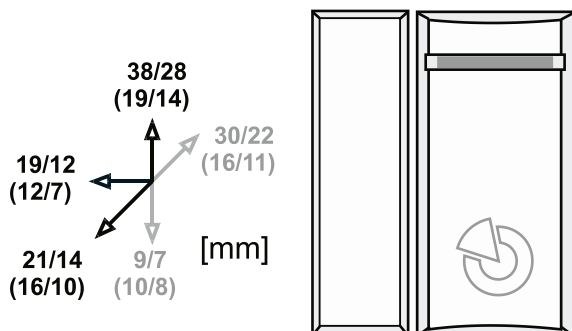


Figure 3: Orientation detection distance – activation/deactivation on a non-magnetic (magnetic) surface

Technical specifications

Power	1 x lithium battery, type CR2032, 3 V / 230 mAh
	Please note: Battery not included
Typical battery lifetime	1.5 years
Low battery voltage	<2.6V
Quiescent current consumption	16 µA
Maximum current consumption	50 mA
Communication band	868.1 MHz, JABLOTRON protocol
Maximum Radio Frequency Power (ERP)	<25 mW
RF range	300 m (open area)
Dimensions of detector	28 x 58 x 17 mm
Dimensions of magnet	28 x 17 x 17 mm
Weight of detector (without battery)	13 g
Weight of magnet	16 g
Classification	security grade 2 / environmental class II (according to EN 50131-1)
Environment	indoor general
Operating temperature range	-10 °C to +40 °C
Average operating humidity	75% RH, non-condensation
Certification body	Trezor Test s.r.o. (no. 3025)
In compliance with	EN IEC 63000, EN 50130-4, EN 55032, EN ETSI 300 220-2, EN 50131-1, -2-6, -5-3, EN IEC 62368-1
Can be operated according to	ERC/REC 70-03
Recommended screw	4x  ø 3 mm (half-rounded head)



JABLOTRON a.s. hereby declares that the 5MAG2306RF 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