

## JA-110A Internal bus siren

The product is a component of the **JABLOTRON** system. It is used for alarm indication inside a building. Pressing a button on the siren can silence the alarm indication in progress (= confirmation of a person in the building). The siren should be installed by a trained technician with a valid certificate issued by an authorized distributor.

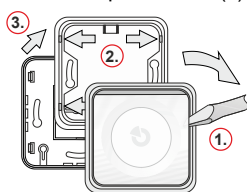
### Installation



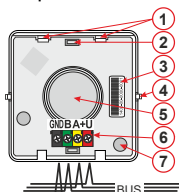
**Always connect the bus when the system power is completely off.**

1. Remove the body (buttons) of the siren from the plastic frame by pressing on a side of the body (1.) using a screwdriver as shown in Fig. 1.
2. Remove the middle part of the frame (3.) by pushing the 4 tabs indicated by arrows (2.)
3. Push the bus cable through a designated rectangular recess in the plastic base.
4. Attach the plastic base to the selected place using screws.
5. Assemble the plastic frame with the plastic base back onto the bottom piece.
6. Connect the bus cable to the terminals (6) as shown in figure 2 and insert the body back into the plastic frame.

Attention, the tamper sensors (7) must be positioned above the magnets in the plastic base.



**Fig. 1:** Removing the siren before installation



**Fig. 2:** Description of internal part of the siren


- 1 – electronics latches
- 2 – internal buttons
- 3 – serial number
- 4 – pins of the body
- 5 – piezo-electric siren
- 6 – bus terminals
- 7 – tamper sensor

### Enrolment into the system and settings

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

### Technical specifications

Power supply ..... from the bus 12 V DC (9...15 V)  
Quiescent current consumption..... 5 mA  
Maximal current consumption ..... 30 mA  
Siren..... piezo-electric, 85 dB/m  
Type of warning device..... indoor, type X  
Dimensions ..... 80 x 80 x 28 mm  
Acoustic performance ..... 80 dB / 1 m  
Classification ..... Security grade 2/Environmental class II.  
(according to EN 50131-1)

Environment ..... indoor general  
Weight..... 70 g  
Operational temperature range..... -10 °C to +40 °C  
Average operational humidity..... 75% RH, non-condensation  
Certification body ..... Trezor Test s.r.o. (no. 3025)  
Complies with..... EN 50131-1, -4, EN 50130-4,  
EN 55032, EN IEC 62368-1, EN IEC 63000  
Can be operated according to..... ERC REC 70-03  
Recommended screw..... 2 x  ø 3.5 x 40 mm  
(countersunk head)



JABLOTRON a.s. hereby declares that the JA-110A is in compliance with the relevant European Union harmonisation legislation: Directives No: 2014/30/EU, 2014/35/EU, 2011/65/EU, when used as intended. The original of the conformity assessment can be found at [www.jablotron.com](http://www.jablotron.com) – the Downloads section.



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 a version for installation in the JA-100+, scan the attached QR code: <https://manuals.jablotron.com/ja-110a>.



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