

# ASP-215 R

## INDOOR WIRELESS ACOUSTIC–OPTICAL SIREN

**ASP-215 R** is a siren that informs you about alarm situations by means of acoustic and optical signaling. It operates as part of the **ABAX 2/ABAX** two-way wireless system. The device complies with the EN 50131 Grade 2 requirements.

The acoustic signal is generated by a piezoelectric transducer (3 tones to choose from), and the optical signal is provided by LED indicators. Both signals can be triggered independently.

Configuration and updating of the firmware can be carried out remotely. Communication in the **ABAX 2** system is AES encrypted.

The device is characterized by low energy consumption. It is powered by a CR123A 3 V battery. Its status is constantly monitored. Additionally, the "ECO" option (in **ABAX 2** only) extends the device operation time even fourfold.

**ASP-215** has tamper protection against opening and removal from the mount. Its enclosure is made of high impact polycarbonate, with very high mechanical strength.

- certificate of compliance with the requirements of EN 50131 Grade 2
- two definable signaling methods
- optical signaling: LEDs
- acoustic signaling: piezoelectric transducer
- three tones to choose from
- compatible with:
  - **ABAX 2** system controllers (**ACU-220** and **ACU-280**) and **ARU-200** radio signal repeater
  - **ABAX** system controllers (**ACU-120**, **ACU-270**, **ACU-250** and **ACU-100** (min. version 4.04), **INTEGRA 128-WRL** control panel and **ARU-100** radio signal repeater – the required version of the device firmware should be checked in its description on the website
- range of radio communication in the open area:
  - in **ABAX 2**: up to 2000 m (with **ACU-220**) / up to 1600 m (with **ACU-280**)
  - in **ABAX**: up to 500 m
- remote configuration and updating of the firmware
- built-in temperature sensor (temperature measurement from -10°C to +55°C)
- tamper protection against opening of the enclosure and removal from the mount
- low energy consumption and battery status check
- "ECO" option for extending battery life (in **ABAX 2** only)
- power supply: CR123A 3 V battery



## TECHNICAL DATA

Battery working time (in years)	up to 2
Operating temperature range	-10 °C...+55 °C
Max. current consumption	40 mA
Weight	180 g
Maximum humidity	93±3%
Operating frequency band	868,0 ÷ 868,6 MHz
Battery	CR123A 3V
Standby current consumption	70 µA
Dimensions	87 x 133 x 37 mm
Environmental class according to EN50130-5	II
Complied with standards	EN 50130-4, EN 50130-5, EN 50131-1, EN 50131-4, EN 50131-5-3
Temperature measurement accuracy	±1 °C
Sound pressure level at 1m	up to 105 dB
Radio communication range (in open area) for ACU-120	up to 500 m
Radio communication range (in open area) for ACU-270	up to 500 m
Radio communication range (in open area) for ACU-220	up to 2000 m
Radio communication range (in open area) for ACU-280	up to 1600 m
Temperature measurement range	-10 °C...+55 °C
Security grade according to EN50131-1	Grade 2