

## **ASP-200 R**

## **OUTDOOR WIRELESS ACOUSTIC-OPTICAL SIREN**

ASP–200 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.

Acoustic signal is generated by a piezoelectric transducer (4 tones to choose from), and optical signal is provided by LED indicators. Both signals can be triggered independently.

The ASP–200 R electronic circuitry is protected against weather and can operate at temperatures ranging from -40 °C to +55 °C.

Configuration and updating of the firmware are 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 3.6V lithium thionyl chloride battery (BAT–ER–3.6) with 13 Ah capacity. Its status is constantly monitored. Additionally, the "ECO" option (in **ABAX 2** only) extends the device operation time even fourfold without having to replace the battery.

**ASP–200 R** has enclosure made of high impact polycarbonate, with very high mechanical strength. The siren comes with tamper protection against opening of the enclosure and removal from the mount, and a spirit level for easy installation.

The ASP–200 siren is available in two colours: red (ASP–200 R) and blue (ASP–200 BL).

- certificate of compliance with the EN 50131 Grade 2 requirements
- optical and acoustic signaling triggered independently
- optical signaling: LEDs
- acoustic signaling: piezoelectric transducer
- four tones to choose from
- · compatible with:
  - ABAX 2 system controllers (ACU-220 and ACU-280)
  - ABAX system controllers (ACU-120 and ACU-270)
- range of radio communication in the open area:
  - $\circ~$  in ABAX 2: up to 2000 m (with ACU–220) / up to 1600 m (with ACU–280)
  - $\circ$  in **ABAX**: up to 500 m
- · remote configuration and updating of the firmware
- operation at temperatures ranging from -40°C to +55°C
- · electronic circuitry protected against weather
- enclosure of high impact polycarbonate with very high mechanical strength
- $\bullet\,$  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: BAT-ER-3,6 3.6 V battery, 13 Ah capacity
- also available in colour blue (ASP-200 BL)





## TECHNICAL DATA

Battery working time (in years)	up to 2,5
Operating temperature range	-40°C+55°C
Max. current consumption	480 mA
Weight	762 g
Maximum humidity	93±3%
Operating frequency band	868,0 ÷ 868,6 MHz
Battery	ER34615 3,6V
Standby current consumption	650 µA
Dimensions	148 x 254 x 64 mm
Environmental class according to EN50130-5	IIIA
Complied with standards	EN 50130-4, EN 50130-5, EN 50131-1, EN 50131-4, EN 50131-5-3
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
Security grade according to EN50131-1	Grade 2