

# 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  $-40^{\circ}\text{C}$  to  $+55^{\circ}\text{C}$ .

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:
  - 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
- operation at temperatures ranging from  $-40^{\circ}\text{C}$  to  $+55^{\circ}\text{C}$
- electronic circuitry protected against weather
- enclosure of high impact polycarbonate with very high mechanical strength
- 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                                                      |