

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 $+55^{\circ}\text{C}$.

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.

- 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°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



TECHNISCHE DATEN

Lebensdauer der Batterie (in Jahren)	bis 2,5
Betriebstemperatur	-40 °C...+55 °C
Max. Stromaufnahme	480 mA
Gewicht	860 g
Max. Luftfeuchtigkeit	93±3%
Betriebsfrequenzband	868,0 ± 868,6 MHz
Batterie	ER34615 3,6 V / 13 Ah
Ruhestromaufnahme	650 µA
Abmessungen	148 x 254 x 64 mm
Umweltklasse gem. EN50130-5	IV
Erfüllte Normen	EN 50130-4, EN 50130-5, EN 50131-1, EN 50131-4, EN 50131-5-3
Lautstärke (aus 1 m Entfernung)	bis 105 dB
Funkreichweite (im Freifeld) für ACU-120	bis 500 m
Funkreichweite (im Freifeld) für ACU-270	bis 500 m
Funkreichweite (im Freifeld) für ACU-220	bis 2000 m
Funkreichweite (im Freifeld) für ACU-280	bis 1600 m