

Pavian Portable

 telegrafia®

Portable electronic siren with exceptional flagship siren features

- Quick deployment in the field
- Simple connection and control
- Performance and features of the Pavian siren
- Various mounting options



 **Pavian®** Portable

The **Pavian Portable** electronic siren is a powerful portable siren having all the features of Telegrafia's flagship siren, the Pavian siren. It is tailored for **quick and easy deployment** anytime and anywhere. The first-of-its-kind electronic siren in the world can be used for **temporary acoustic coverage and extended operational coverage** of the desired area with a warning signal. Moreover, it serves to replace a siren rendered inoperable by, for example, a natural disaster or **to manage evacuation and rescue work** in the affected area.

Pavian Portable electronic siren just where you need it

Depending on the siren version, the **Pavian Portable** siren has a power of **300 W, 600 W, and 1200 W**. Its compactness is evident in every aspect of the siren: its body, which consists of the electronic part of the siren, the small loudspeaker horns, and an adjustable tripod. An external LiFePo4 24 V battery ensures the siren's operation. All components are stored in separate durable plastic cases and are ready for easy installation and operation. The siren can reproduce voice announcements and signals from its internal memory, transmit live announcements remotely and audio signals from various external sources, and convert text to speech. Sensors and external signalling devices such as beacons can be connected directly to the **Pavian Portable siren** upon request.

Start-up within 5 minutes



Speed and simplicity of deployment

- **Simple and quick positioning**, moving and connection of the siren
- **Extremely fast siren activation** and deactivation
- **Extremely short siren response** time – information on the siren activation and status
- **Diverse mounting options for loudspeaker horns** (on a small or large tripod or a suspension hook)
- Large tripod with flexible height adjustment for use on uneven terrain
- **Multiple control options**
- Simple activation/deactivation of the siren using a mobile application via text message

The Omnipresent Excellence of the Pavian Siren

- Optimisation for **temporary acoustic coverage and extended operational coverage** of the desired area with a warning signal
- Power range of **300 W, 600 W and 1200 W**
- Long-distance acoustic range
- **Text-to-Speech** function (automatic conversion of text messages to audio outputs)
- Digital sound processing and **high intelligibility** of the spoken word
- Remote recording of warning tones and messages into the siren's memory
- Use of **multiple communication channels**
- Priority settings for individual communication channels

The ubiquitous excellence of the Pavian siren

- Power supplied from a maintenance-free, **long-life LiFePo4 battery, low in weight and dimensions**
- Trouble-free **operation at full power** for up to 600 minutes with a 300 W siren, up to 300 minutes with a 600 W siren and 150 minutes with a 1200 W siren, depending on the type of recording (an announcement, warning signal, etc.)
- The **unique shape of loudspeaker horns for high-quality coverage of the area** with an acoustic signal
- The use of durable material of light aluminium alloy for loudspeaker horns to ensure their **exceptional weather resistance**



Technical parameters

Electric power output of the siren		300 W	600 W	1200 W	
Power supply		21 – 30 V			
Power consumption		15 A	30 A	60 A	
		Max. consumption during maximum power			
		Max. 0.06 A in standby mode, with fully charged batteries - only ACU18 (Ethernet connection)			
		Max. 0.12 A in standby mode, with fully charged batteries - ACU18 + radio pack (RDM18 + TS-D200)			
IP rating of the siren electronics box		IP66			
Loudspeakers		2	4	8	
Dimensions and weight of the siren electronics box		440 × 360 × 260 mm	10 kg	10 kg	12 kg
Dimensions and weight of the siren electronics box with a set of horn		900 × 700 × 500 mm	27 kg	38 kg	60 kg
Dimensions and weight of the siren electronics box with a LiFePo4 battery		470 × 350 × 220 mm	28 kg		
Dimensions and weight of the transport textile bag with tripod		1800 × 500 × 200 mm	20 kg		
Working temperature range		-25 °C to +65 °C			

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