



Over 100 alarm signals

- Over 100 alarm signals in the siren's internal memory
- Pre-recorded or live voice messages via microphone
- Remote alarm recording into the siren's internal memory



Robustness and low weight

- Robustness and resistance due to aluminium-alloy horns and stainless steel boxes
- Surprisingly low weight despite the materials used
- Optional IP66 rating



Customisation

- Various customised solutions
- A great selection of accessories



Wide range of communications channels

- Local and/or remote siren control from the control centre
- Wide range of communications channels: radio, Ethernet, X-bee, RS232/RS485, satellite, GPRS, etc.
- Generating and sending of asynchronous messages
- Possible direct connection of monitoring sensors to the siren



Impressive performance

- High acoustic pressure to cover vast areas
- Good intelligibility of live voice reproduction



Full autodiagnosics

- Full siren autodiagnostic functions including communications channels
- Complete remote siren status monitoring
- "Silent" siren testing without sound reproduction



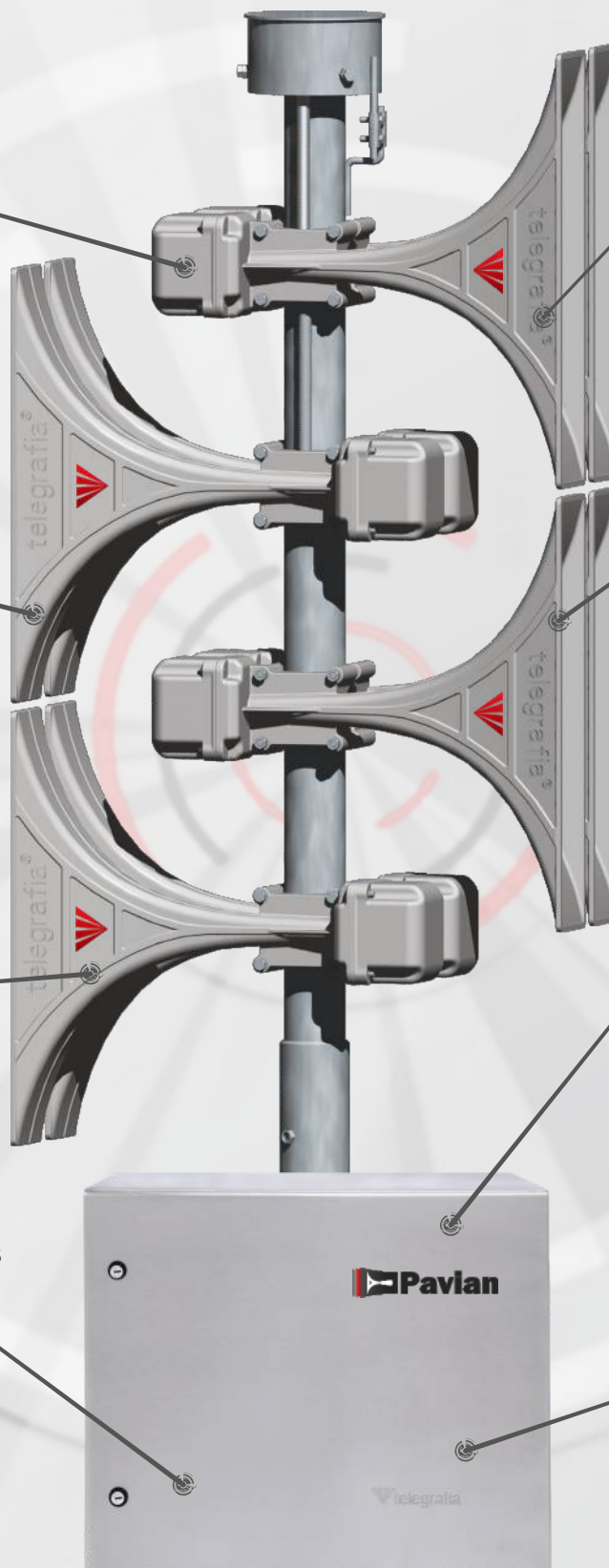
Power failure back-up batteries

- 72-hour siren operation following the power failure including several 6-minute announcements at full power
- Several weeks of stand-by siren operation
- Low energy consumption



Various power supply methods

- Built-in batteries charged from
- 110-240 V mains
 - Solar panels



The **Pavian** electronic siren **presents the top line of Telegrafia's electronic sirens** and it is the world-leader in the field of acoustic warning systems. It is a modular and multi-functional device intended mainly for the building of large and sophisticated warning systems, requiring intelligent control methods and effective siren status monitoring. If you need the best for your project, the **Pavian electronic siren is your first choice.**

The **Pavian** electronic siren is standardly equipped with full autodiagnostic functions and supports a wide range of means of control and communications channels. Owing to built-in back-up batteries, it is fully operational in case power failure, autonomously responsive to stimuli coming from its environment, and it is even able to control external devices.

In a number of parameters, it is well adjustable to specific customer needs. **The siren is available in outputs ranging from 300 up to 3,000 W.** It is also possible to buy a great variety of accessories to go with the **Pavian** siren such as masts, spare batteries, cables, beacons, aerials or solar charging sets.

“Pavian is not just a siren, but a complex, multifunctional warning device.”

Siren control

The powerful **Pavian electronic siren can be controlled by various control units**, from a simple local wall-mounted control unit, through an internal control unit housed directly in the electronics box, operator's control panel with a colour touch-screen, to thousands of sirens comprising a single warning system, managed by the Vektra® software with a number of super-standard functions.



Interaction with the environment

The **Pavian electronic siren contains several interfaces to be able to interact with its environment.** It enables you to configure a variety of responses based on different inputs coming from the environment.

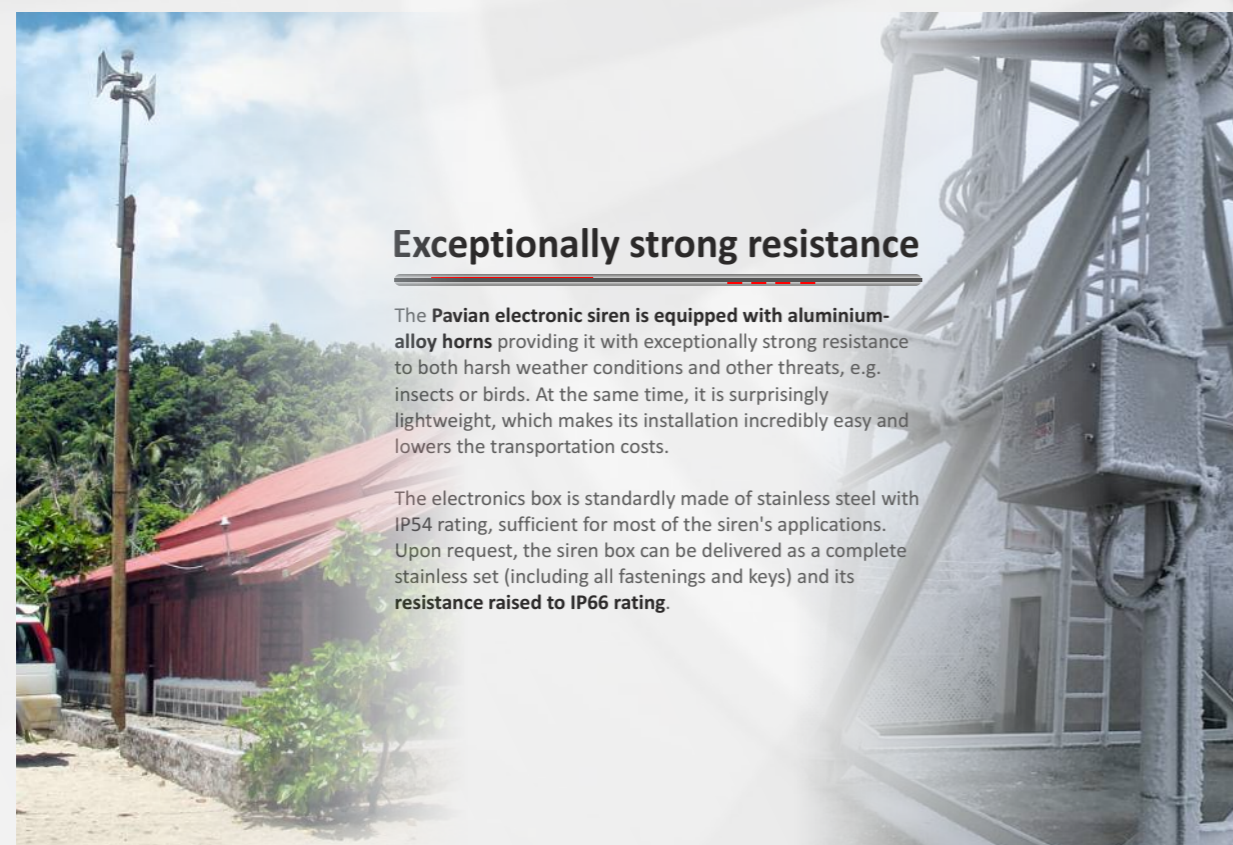
For example, by using binary inputs, **it is possible to directly connect various types of external sensors to the siren**, indicating danger and triggering pre-programmed alarm signals. The **Pavian siren is also equipped with binary outputs** by which the opening of gates as well as the activation of traffic lights, visual warning systems, etc. can be controlled.

Other useful interfaces include **RS232, LAN (TCP/IP), USB** ports and, in combination with supplementary modules, **Wi-Fi, GSM/GPRS, radio control, POCSAG, RDS, satellite communications** options. The siren is pre-designed for the connection of solar panels as well.



Optimal sound emission pattern

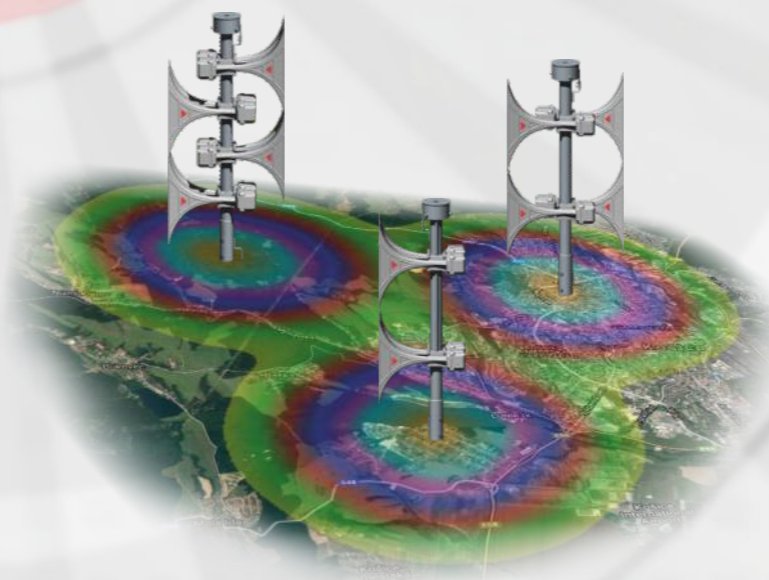
The exceptionally designed horns of the **Pavian** electronic siren provide you with a **unique possibility of selecting any sound emission pattern**, and change it later when necessary. If you have a monodirectional siren installed and would like to change it for an omnidirectional one, then you will do with just a couple of ordinary tools and will not need to buy anything else.

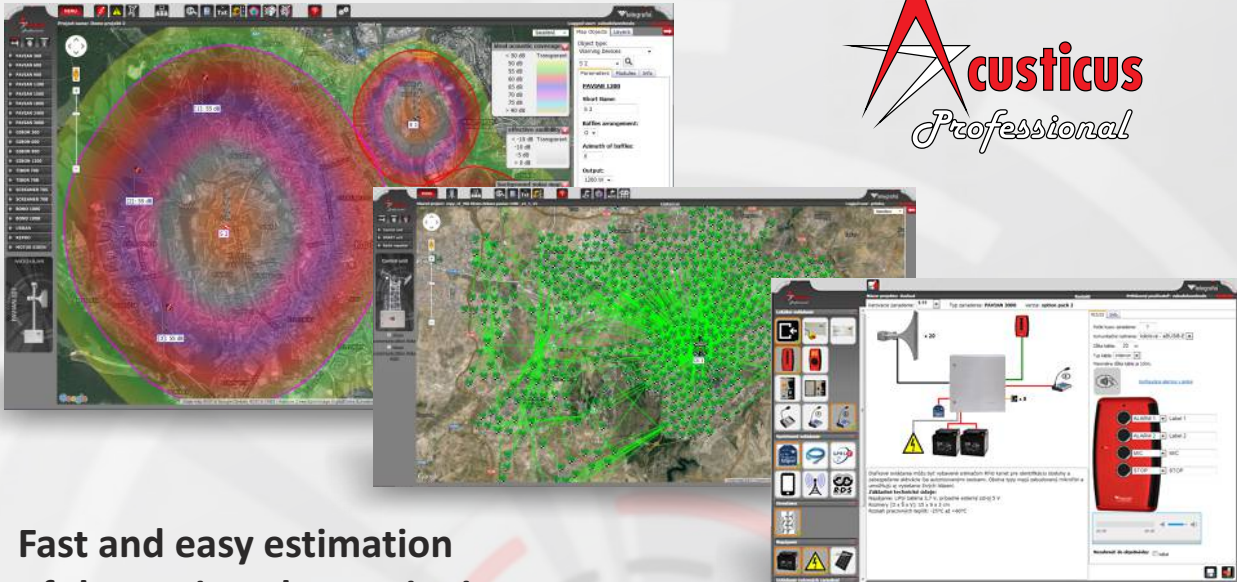


Exceptionally strong resistance

The **Pavian electronic siren is equipped with aluminium-alloy horns** providing it with exceptionally strong resistance to both harsh weather conditions and other threats, e.g. insects or birds. At the same time, it is surprisingly lightweight, which makes its installation incredibly easy and lowers the transportation costs.

The electronics box is standardly made of stainless steel with IP54 rating, sufficient for most of the siren's applications. Upon request, the siren box can be delivered as a complete stainless set (including all fastenings and keys) and its resistance raised to IP66 rating.





Fast and easy estimation of the Pavian electronic siren acoustic range

Using the free online **Acusticus Professional** web application, you can estimate the **Pavian** electronic siren acoustic range fast and easily. But much more. **Acusticus Professional** allows the creation of a professional acoustic project, taking into account background noise levels, directly using the Google Maps services.

Gain even more

The business partners of the Telegrafia a.s. company can gain even more: by being granted special access rights, they can configure the whole siren on-line, including the interactive simulation of controls and alarms, create warning system diagrams, or design a complex radio communications project for sirens and the control centre.



www.telegrafia.eu/en/



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