

Pavian Car

Powerful mobile electronic siren designed for mass warning

- Rapid and easy installation
- 360° warning signal propagation
- Warning directly from the vehicle
- Magnetic attachment

The Pavian Car is a powerful mobile electronic siren designed primarily for car installation and other transport equipment. The Pavian Car siren is available in a disc or aluminium-alloy horn loudspeaker version, each offering unique acoustic properties and enhancing the warning's effectiveness.

The **Pavian Car** siren is designed for ease of use and mobility. It is a Plug and Play solution, allowing for quick and straightforward deployment. It comprises a lightweight, portable control unit with electronics and specially designed compression drivers with easy connections. The control part of the Pavian Car siren with integrated electronics is housed in a durable plastic case, ensuring reliable protection in the field.

The Pavian Car siren can be connected to 12 V or 24 V directly from the car battery or special car socket. An optional external battery pack is also available for independent power supply. The siren supports remote control via SMS, visual signalling, and live voice transmission via loudspeaker.

Disc Horn Loudspeaker



Plug And Play

- Uniform 360° acoustic coverage in the horizontal plane
- Power output 150 W
- Compact and lightweight design
- Uniform sound distribution
- Aerodynamic shape

Aluminium-alloy Horn Loudspeaker



- Higher mechanical durability
- Power output up to 300 W
- Suitable for extreme environments
- Maximum forward directional acoustic coverage

Fast response and mobility in critical situations

High-performance warning directly from the vehicle

In emergencies in remote areas or areas without a warning system, the immediate deployment of the **Pavian Car** mobile electronic siren is crucial. A vehicle equipped with this mobile siren can quickly move in endangered areas and effectively inform the population over a large territory. One of the two available horn loudspeakers can be used depending on the situation. Both provide the same acoustic warning performance, but each offers particular advantages.



Key Features

High durability and exceptional performance

- Lightweight aluminium-alloy horn loudspeaker
- Disc horn loudspeaker with optional light signalisation
- Built-in compression drivers
- High level of ingress protection during transport
- High intelligibility with a maximum power output of 150 W or 300 W
- Efficient, professional mass warning



Rapid and easy installation

- Flexible mounting thanks to a magnetic holder
- Installation with no need for tools
- Lightning-fast relocation of the siren between vehicles
- Control electronics in a durable plastic case

Variable audio reproduction options

- Repeated playback of pre-defined acoustic signals
- Recordings uploaded to and repeatedly re-played from the siren's internal memory
- Playback of audio recordings from external sources (radio, phone, etc.)
- Live announcements directly from the microphone



Intelligent siren self-diagnosis

- Comprehensive siren function diagnostics
- Remote siren status monitoring
- Silent siren test without warning tone reproduction

Technical parameters

| | Disc horn loudspeaker | Aluminium-alloy horn loudspeaker | |
|--|---|----------------------------------|----------------------------|
| Siren electrical output | 150 W | 150 W | 300 W |
| Acoustic pressure @ 1m / @ 30m | 130.5 dB(A) / 100.5 dB(A) | 129.0 dB(A) / 99.5 dB(A) | 135.0 dB(A) / 105.5 dB(A) |
| DC Power supply | 12 V, 24 V, 12 V & 24 V | 12 V, 24 V, 12 V & 24 V | 12 V, 24 V |
| Power consumption under load (1 kHz sinus) | 15 A @ 12 V /, 8 A @ 24 V | 15 A @ 12 V /, 8 A @ 24 V | 30 A @ 12 V /, 15 A @ 24 V |
| Standby power consumption | 50 mA @ 12 V / 30 mA @ 24 V | | |
| Weight of the case with electronics | 7 kg | | |
| Weight of the case with loudspeakers | 15 kg | 11 kg | 17 kg |
| Ingress protection of the case with electronics | IP44 | | |
| Dimensions of the case with electronics | 400×330×180 mm (l×w×h) *1) | | |
| Dimensions of the case with loudspeakers | 523×400×240 mm (l×w×h) | 560×330×270 mm (l×w×h) | |
| Operating temperature range | -40°C to +65°C (acoustic part) -20°C to +65°C (device control) | | |
| Recommended maximum speed of the vehicle with the installed loudspeakers | 130 km/h (TÜV test) | 80 km/h | |

*1) ... dimensions may vary depending on customer specifications



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Telegrafia a.s.

Lomená 7
Košice, 04001
Slovakia

 www.telegrafia.eu

 sales@telegrafia.sk

