PAVIAN

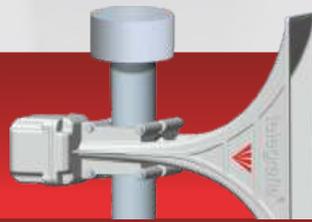## Electronic siren for establishing large and complex warning systems

Main functions and properties:

- sound recording playback from digital memory (SD card) in WAW and MP3 format

- playback from combinations of different sound recordings

- ability to connect local audio signal inputs, including a local microphone or other local signal sources

- ability to connect to remote audio signal sources (dispatch centre, VHF radio, phone...)

- enhanced automatic testing routines, including so called "silent" siren tests, complete functionality tests

- ability to automatically switch over to a backup amplifier

- different local and remote activation options

- automatic broadcasting of emergency status announcements

- storage of all the important events related to siren activities in the internal memory

- intelligent battery recharging to prolong battery life

- 8 programmable digital/analogue inputs

- 8 programmable digital outputs

- 2 x RS232 ports

- stainless steel box and horns made of a lightweight aluminium alloy

PAVIAN electronic sirens represent the highest level of electronic systems offered by Telegrafia. These are modular electronic devices primarily designed for **establishing large and complex warning systems** requiring sophisticated control and efficient siren status monitoring. They are also used as locally controlled devices where required due to a more complex interface with the environment or when a sophisticated algorithm for reacting to external signals is desired. Based on information gained from the environment, these systems are capable of reacting on the basis of modifiable algorithms and, in addition to acoustic warning system initiation; they are also capable of controlling external devices.

Control modules connected to the TeleBUS internal bus:

- modules for Local control
- radiomodem for radio control
- module RDS for control via RDS warning in radio broadcasting
- module GPRS/EDGE for control via mobile operators´ networks
- TCP/IP module for control via Ethernet network

Interfaces for integrating into other systems:

- 2 x RS 232 interface
- 8 programmable digital/analogue inputs
- 8 programmable digital outputs

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