



Features

- System on a Chip technology
- Supplied fully configured
- Highly secure, no boot-up/processing time, near instant operation
- Complies with international standards

Hot-Standby Alarm Tone Generator System

Description

For highly critical voice alarm broadcast applications (PAGA) it is essential to provide redundancy of critical hardware to improve overall PAGA system security.

BARTEC VODEC SAT8 is a compact plug in/out module designed to operate in conjunction with BARTEC VODEC VX/AT PAGA management switch.

The SAT8 is a self-contained alarm tone generation sub-system that can be configured to provide back-up to the host VX/AT alarm generation package on a "hot-standby" N+1 basis.

When N+1 alarm tone generation is required the SAT8 is plugged into the host VX/AT motherboard which is then configured to recognise the additional hardware by simple on-board DIL switch/plug link selection.

The SAT8 can be arranged to supply alarm tone signals as the primary source (i.e. on-line) with the host alarm generation sub-system on hot-standby or the SAT8 can be a slave back-up tone source. Preference is set by tamperproof plug linking.

Technical Data

Power supply input
DC 5 V or DC 24 V via auxiliary connector

Power supply input tolerance
± 20% on DC 24 V input,
± 5% on DC 5 V rail

Consumption
10 mA

Number of embedded alarm tone cadence
12 to comply with PFEER, NORSOK and IMO standards

Output
1 X 0dBm 770 mV

Alarm initiate input
12 N/C contacts rated 0.25 A @ DC 24 V volt/earth free

Weight
0.25 kg

Material
Glass fibre through hole plate PCB

Temperature range
-20 °C to +50 °C

