



## 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

