VOICEWAY AUDIO ROUTER AX-8



DESCRIPTION

AX-8 is an audio automatic switching for ATC radio systems. Main purpose of AX-8 is an automatic supervise sitting between radios configured as main and standby pairs and also it can read an SNMP from radio to indicate a radio status on the web to be an alternative RCMS.

FEATURES

- Proprietary SNMP and EUROCAE MIB file support
- Balanced audio input and output
- Programmable alarm output
- Transmitter, Receiver or Transceiver of radio configurable
- Timer trigger for main and standby radio switching
- Manual radio switching via local button and web interface
- NTP Time synchronization
- Dual Ethernet connection
- Linux operating system
- Fanless passive cooling
- Embedded web server for monitor and configuration
- 1 x USB connection
- Power source connector 15-25 VDC

SPECIFICATION

VCS PTT Type	Dry contact and +/- 12 - 48 VDC
Radio PTT Type	TTL and dry contacts
VCS SQL	Dry contact and optocoupler
Radio SQL	Dry contact and TTL
AUX Output signal	8-Bit TTL
AUX Input signal	4-Bit optocoupler
Analog Radio and VCS interface	RJ45 600 Ohm
Analog line output	600 ohm
Analog line input	600 ohm
Ethernet Connection	1 x GbE, 1 x MbE
DC Connector	XLR female
Time Reference	Hardware clock, NTP
OS memory	32GB uSD card
Systems memory	8GB DDR3
Hardware platform	Zynq 7020
Operating systems	Petalinux
Mechanical dimension	1U rack

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