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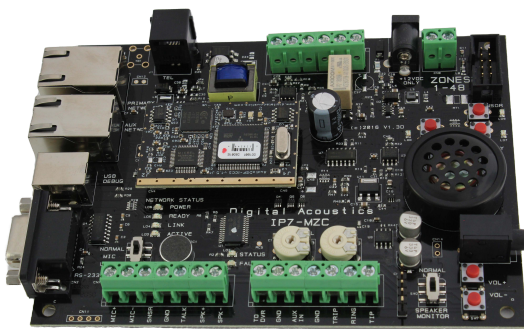
HARDWARE DATASHEET

Part Number: IP7-MZC-FD

IP Innovation

Multi-Zone Controller

Flexible & expandable full-duplex IP audio endpoint designed for Central Station applications



Description:

Digital Acoustics Multi-Zone Controller (IP7-MZC-FD) is an industry-leading IP endpoint developed to converge multiple analog zones using a single IP connection. Central stations can manage 2-way audio in multiple locations over just one VoIP connection.

This next-generation device eliminates costly telephone land-lines and opens the door to future developments and advancements in VoIP telephony and remote security applications.

Features:

- Expandable from 1 to 48 zones* via single SIP or TalkMaster FOCUS IP connection
- Supports Paging, Listening, and Full Duplex two-way communications
- Individual mic gain & speaker volume control
- Emergency Handset “Red Phone”
- DVR Monitor line outputs
- On-board & remote diagnostics
- Ideal for wide-area deployments

The IP Multi-Zone Controller is mission critical and operator friendly. The IP7-MZC-FD is designed for:

- Remote Monitoring & Security
- Parking & Multiple Tenant Structures
- Industrial & Commercial Buildings
- Targeted Audience Announcements

Hardware Specifications:

Network Protocols TCP, UDP, RTP, SIP, ICMP, IGMP Multicast

Network Interface 10/100 Base-T Ethernet, Auto-MDIX

Core Technology ICC-512 50 MIPS SoC (System On A Chip)

IP Address Assignment Static, DHCP

Transport Bandwidth Nominal 64kbps

Audio Protocol 8-bit PCM/G.711 uLaw

Audio Latency <200ms

Diagnostics LED Status, USB, Temperature and Power Monitoring

Power 12VDC @ 15W

Remote Programming Flash programmable via Ethernet

Fault Management Patented Fail-Forward™ fault detection

Connector I/O 5mm pluggable connector

Network Connector RJ45 (2)

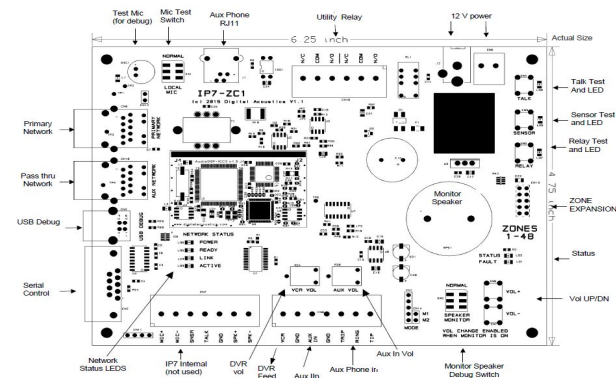
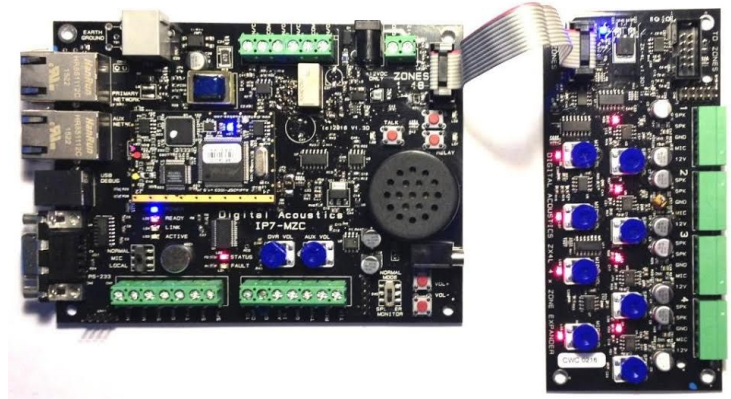
Temperature -30~70 C (Operating), -40 C~85 C (Storage)

Documentation:

visit www.digitalacoustics.com/support

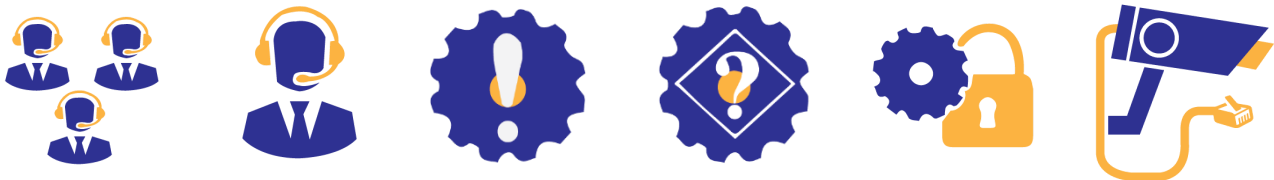
Related Products & Accessories:

- IP7-ZX4L - Four-zone expansion board, line out
- IP7-ZX2L20W - Four-zone expansion board, 2-line level, 2 amplified (20 watts)



* Expansion of zones requires use of IP7-ZX4L

Visit www.DigitalAcoustics.com to learn about software products to complete your IP audio system.



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