

## AudioCodes MediaPack 118 Analog VoIP Gateway 4 FXS 4 FXO (MP118/4S/4O/SIP)



Product Name: AudioCodes MediaPack 118 Analog VoIP Gateway 4 FXS 4 FXO (MP118/4S/4O/SIP)

Manufacturer: AudioCodes

Model Number: MP118/4S/4O/SIP

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The AudioCodes MP118/4S/4O/SIP is an analog VoIP Gateway which is a cost-effective, best-of-breed technology product. These stand-alone analog VoIP Gateways provide superior voice technology for connecting legacy telephones, fax machines and PBX systems with IP-based telephony networks, as well as for integration with IP PBX systems.

AudioCodes MP118/4S/4O/SIP Key Features

- 8 analog ports
- T.38 fax compliant
- 3-way conference with local mixing
- Call pickup
- Hunt groups
- Call forwarding
- Call hold
- Call transfer
- Advanced telephony features such as long-haul, metering tones generation, country dependent MWI and Caller ID for true integration with the existing telephony infrastructure

AudioCodes MP118/4S/4O/SIP Technical Specifications

Interfaces

- Analog Signaling: 8 ports, FXS, FXO loop-start
- Network Interface: 10/100 BASE-T, RJ-45

Media Capabilities

- Voice Coders: G.711 (A-law and  $\mu$ -law), G.723.1, G.726, G.727, G.729A/B, G.722
- VoIP Features: G.168-2004 echo cancellation, silence detection and comfort noise generation, dynamic programmable jitter buffer
- Call Progress Tones: Programmable detection and generation tones, pre-recorded tones generation
- DTMF: In-band and out-of-band signaling, RFC 2833, SIP INFO/NOTIFY
- Fax Over IP: Group 3/super G3 fax over IP, T.38 relay, automatic switching to G.711

IP Networking and Telephony Protocols

- VLAN: 802.1 p/Q VLAN tagging
- IP Transport: IPv4/IPv6\*, DiffServ, TOS
- Control Protocols: SIP (RFC 3261) over UDP, TCP and TLS (1.2)
- Media Protocols: RTP (RFC 3550), SRTP (RFC 3711), RTCP (RFC 3550), RTCP-XR (RFC 3611)

Management Protocols

- OAM&P:- Web GUI, SSH/Telnet, SNMP v2/v3, INI file- AudioCodes's One Voice Operation Center- User authentication and access control via RADIUS
- Automatic Configuration:- Zero-touch provisioning- Configuration/firmware download via HTTP(s), FTP and TFTP- DHCP-based provisioning - options 66, 67 and 160- VLAN ID discovery

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using LLDP

• Voice Menu: Basic configuration using standard touch-tone phone (MP-11x only)

### Survivability During Network Failure

• PSTN Fallback: PSTN fallback upon power failure, IP connection failure, customer-defined IP QoS thresholds (MP-114 and MP-118)

• Survivability: Stand Alone Survivability (SAS) for 25 SIP users

### Analog Telephony Features

• 3-Way Conference: On-board 3-way conference

• MWI: Message Waiting Indication: High (neon) and low (LED) voltage, FSK, stutter dial tone

• Caller ID: Bellcore GR-30-CORE Type 1 using Bell 202 FSK modulation, ETSI Type 1, NTT, Denmark, India, Brazil, United Kingdom and DTMF ETSI CID (ETS 300-659-1)

• Polarity Reversal/Wink: Immediate or smooth to prevent erroneous ringing

• Metering Tones: 12/16 KHz sinusoidal bursts, generation on FXS

• Distinctive Ringing: By frequency (15-100 Hz) and cadence patterns

### Subscriber Line Interface

• Ring Voltage: Sine: 54 VRMS typical (balanced ringing only)

• Ring Frequency: 25-100Hz

• Maximum Ringer Load: REN3

• Loop Impedance: Up to 1,500 ohm for the MP-11x, up to 1,600 ohm for the MP-124 (including phone impedance)

• Line Current: Up to 32 MA on 4 ports

### Physical

• Power: 100-240 V AC/50-60 Hz

• Environmental: - Operational: 5 to 40°C (41 to 104°F)- Storage: -25 to 85°C (-13 to 185°F)- Humidity: 10 to 90% non-condensing

• Dimensions: 42x172x220 mm

• Mounting: Table top, wall mount, rack mount (with an optional shelf)

• Weight: MP-1xx: 0.5 kg (1.1 lbs.) approx.

**Price: £767.20**