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## AudioCodes MP-118

# AudioCodes MediaPack MP-118 VoIP Gateway User Manual

Model: MP118/4S/4O/SIP

Brand: AudioCodes

## INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of the AudioCodes MediaPack MP-118 Analog VoIP Gateway. The MP-118 is designed to connect traditional analog devices and PSTN/ISDN networks to VoIP services, supporting 4 FXS and 4 FXO analog lines.

## PRODUCT OVERVIEW



Figure 1: Front view of the AudioCodes MediaPack MP-118 VoIP Gateway. The front panel features status LEDs for channels, uplink, and power.

The AudioCodes MediaPack MP-118 is a robust analog VoIP gateway, facilitating the integration of legacy telephony equipment with modern IP communication systems. It includes 4 FXS ports for connecting analog phones or fax machines and 4 FXO ports for connecting to PSTN lines or PBX extensions. The device operates on a single 100/10 BaseT Ethernet connection and is powered by an AC power supply.

## SETUP AND INSTALLATION

### Package Contents

- AudioCodes MediaPack MP-118 VoIP Gateway
- AC Power Adapter
- Ethernet Cable
- Quick Start Guide (if applicable)

## Connecting the Gateway

1. **Power Connection:** Connect the provided AC power adapter to the gateway's power input and then to a standard electrical outlet.
2. **Network Connection:** Connect an Ethernet cable from the gateway's 100/10 BaseT port to your network switch or router.
3. **FXS Port Connection:** Connect analog phones, fax machines, or other FXS-compatible devices to the FXS ports (typically labeled 1-4).
4. **FXO Port Connection:** Connect PSTN lines or PBX extensions to the FXO ports (typically labeled 5-8).

## Initial Configuration

Upon initial power-up, the gateway will perform a self-test. Refer to the [Operating](#) section for details on LED indicators. Network configuration and SIP registration typically require access to the device's web-based management interface or command-line interface. Consult the full administration guide for detailed configuration steps, including IP address assignment, SIP server registration, and dial plan setup.

## OPERATING THE GATEWAY

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### LED Indicators

The front panel of the MP-118 features several LED indicators to provide status information:

- **Power LED:** Indicates power status. Solid green typically means the device is powered on and operating correctly.
- **Ready LED:** Indicates system readiness. Solid green when the gateway is fully initialized and ready for operation.
- **Uplink LED:** Indicates Ethernet link status. Blinking or solid green indicates network activity.
- **Channel Status LEDs (1-8):** Each LED corresponds to an FXS or FXO port.
  - *Off:* Port is idle or not connected.
  - *Solid Green:* Port is active (e.g., phone off-hook, call in progress).
  - *Blinking Green:* May indicate a specific status like ringing or a configuration issue, depending on firmware.

### Basic Call Operations

Once configured, analog devices connected to the FXS ports can make and receive calls via the VoIP network. FXO ports allow calls to be routed between the VoIP network and the PSTN. The gateway supports basic conference call capabilities and multi-line operation, depending on the connected devices and SIP server configuration.

## MAINTENANCE

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- **Firmware Updates:** Periodically check the AudioCodes support website for firmware updates. Keeping the firmware current ensures optimal performance and security.
- **Cleaning:** Clean the exterior of the device with a soft, dry cloth. Do not use liquid cleaners or aerosols. Ensure ventilation openings are clear of dust.
- **Environmental Conditions:** Ensure the gateway is operated within recommended temperature and humidity ranges to prevent damage. Avoid direct sunlight and excessive heat.
- **Backup Configuration:** Regularly back up the gateway's configuration settings to prevent data loss in case of a reset or failure.

## TROUBLESHOOTING

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Problem	Possible Cause	Solution
No Power LED indication	Power adapter disconnected or faulty.	Check power connections. Ensure the adapter is securely plugged into the gateway and a working electrical outlet. Test the outlet with another device.
Uplink LED is off	Ethernet cable disconnected or network issue.	Verify the Ethernet cable is securely connected to both the gateway and the network device. Check network switch/router status. Try a different Ethernet cable.
Analog phone has no dial tone	FXS port not connected, not configured, or SIP registration failure.	Ensure the phone is correctly plugged into an FXS port. Check the channel status LED. Verify SIP registration status via the gateway's management interface. Consult your VoIP service provider.
Cannot make or receive calls via PSTN	FXO port not connected, not configured, or PSTN line issue.	Ensure the PSTN line is correctly plugged into an FXO port. Check the channel status LED. Verify FXO port configuration and dial plan settings. Test the PSTN line directly.

## SPECIFICATIONS

Feature	Detail
Model Number	MP118/4S/4O/SIP
Analog Ports	4 FXS (Foreign Exchange Subscriber) for analog devices, 4 FXO (Foreign Exchange Office) for PSTN/PBX lines
VoIP Protocols	SIP (Session Initiation Protocol), MGCP, H.323
Ethernet Interface	Single 100/10 BaseT
Power Source	Corded Electric (AC Power Supply)
Dimensions (L x W x H)	8.66 x 6.77 x 1.65 inches (220 x 172 x 42 mm)
Weight	1.1 pounds (500 grams)
Compatible Devices	VoIP services, PSTN/ISDN networks, analog devices (phones, fax machines, answering machines), computer systems
Conference Call Capability	Basic
Multiline Operation	Supported

## WARRANTY INFORMATION

AudioCodes products typically come with a standard manufacturer's warranty. For specific warranty terms and conditions, including duration and coverage, please refer to the warranty card included with your product or visit the official AudioCodes website. Keep your proof of purchase for warranty claims.



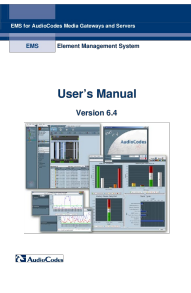

For technical assistance, advanced configuration guides, or further support, please visit the official AudioCodes support portal or contact their customer service department. You may find additional resources, FAQs, and software downloads on their website.


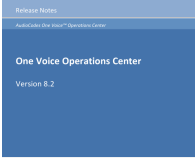
- **AudioCodes Official Website:** [www.audiocodes.com](http://www.audiocodes.com)
- **Support Portal:** Refer to the official website for the latest support contact information and resources.



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### Related Documents - MP-118

	<p><a href="#">AudioCodes MediaPack 11x Analog VoIP Gateway Quick Setup Guide</a></p> <p>Quick setup guide for the AudioCodes MediaPack 11x Analog VoIP Gateway, covering physical description, mounting, power cabling, and IP address assignment via web interface or voice menu. Includes safety precautions and company information.</p>
	<p><a href="#">AudioCodes Media Gateways for Alcatel-Lucent OmniPCX IP-PBX Solutions: Branch Office Survivability</a></p> <p>This document details AudioCodes Media Gateways, specifically the MediaPack 11x and 20x series, designed to provide branch office survivability and enhanced voice/fax capabilities for Alcatel-Lucent OmniPCX OXO and OXE IP-PBX solutions. Features include Stand Alone Survivability (SAS), interoperability, and support for analog devices.</p>
	<p><a href="#">AudioCodes EMS User's Manual v6.4: Element Management System Guide</a></p> <p>Comprehensive user's manual for AudioCodes Element Management System (EMS) v6.4. Learn to manage, configure, monitor, and troubleshoot AudioCodes Media Gateways and Servers with this detailed guide.</p>
	<p><a href="#">AudioCodes MP-1288 High-Density Analog Gateway User's Manual</a></p> <p>User's Manual for the AudioCodes MP-1288 High-Density Analog Gateway, detailing its configuration, management, and features for enterprise and carrier environments.</p>

 <p>AudioCodes</p>	<p><a href="#">AudioCodes MP-20x Telephone Adapter Release Notes Version 4.4.6</a></p> <p>Release notes for the AudioCodes MP-20x Series Telephone Adapter, version 4.4.6, detailing new features, resolved constraints, known issues, and device specifications.</p>
 <p>audiocodes</p>	<p><a href="#">AudioCodes One Voice Operations Center Version 8.2 Release Notes</a></p> <p>Release notes for AudioCodes One Voice Operations Center (OVOC) Version 8.2, detailing new features, infrastructure updates, management enhancements, resolved issues, and known limitations.</p>