MediaPack[™] 1288 Analog Gateway

Quick Setup Guide

Welcome

Congratulations on purchasing your AudioCodes MediaPack 1288 (MP-1288) High-Density Analog Gateway, hereafter referred to as *device*!

This document is only intended to provide basic setup instructions for initial access to the device and connecting it to your network. For advanced configuration and cabling, refer to the device's *User's Manual* and *Hardware Manual* respectively, which can be downloaded from AudioCodes website at https://www.audiocodes.com/library/technical-documents.

Before you begin, please read the <u>Safety Precautions</u> on page 9.

Package Contents

Make sure that the following items (in addition to any separate-orderable items that you may have purchased) are included with your shipped device:

- 2 x front-mounting brackets for 19-inch rack mounting
- 1 x RJ-45-to-DB-9 serial cable adapter for serial communication
- (AC-powered models) 2 x AC power cords
- (DC-powered models) 2 x DC terminal blocks
- 1 x grounding lug
- Regulatory Information document



Physical Description of Front Panel

			MP-1288 1 1 2			
1	-	Fan Tray module cover				
2	SYS	LED indicating system status:				
		Green On	Device is operating normally or initial boot-up stage when device is powered on			
		Orange On	Device is approaching high-temperature threshold, but not yet critical			
		Red On	 Fault detected in CPU module, or Incompatible or faulty software version (.cmp file) detected during boot up, or Approaching critical high-temperature threshold 			
		■ Off	No power			
	TEL	LED indicating FXS blade status:				
		🔲 Green On	Boot-up phaseNormal device and FXS blade operation			
		🛑 Orange On	At least one DSP has reached high-temperature threshold			
		🛑 Red On	 Initial power-up stage, or Failure detected in at least one FXS blade, or No FXS blade detected 			
		Off	No power			
	PWR	LED indicating power status:				
		Green On Green	Chassis receiving power and Power Supply modules are functioning normally. If the device is configured to use only one Power Supply module, the LED is lit if at least one of them is operating normally			
		🛑 Red On	One of the Power Supply modules is faulty (if device is configured to use two Power Supply modules)			
		■ Off	No power			
	FAN	LED indicating fan status:				
		🔲 Green On	Fans are functioning normally			
		🛑 Red On	At least one fan in the Fan Tray module is faulty			
		Off	No power			

Physical Description of Rear Panel



Off No power

Mounting the Device

You can mount the device in a standard 19-inch rack.

1. Attach the two front-mounting brackets (supplied) to both sides of the chassis. Each bracket is secured to the chassis using 9 screws (supplied).



- 2. With two people, lift the chassis into the rack from the front of the rack.
- 3. Hold the chassis for support while the second person positions the chassis so that the front-mounting brackets are flush against the front-rack posts and that the holes of the front-mounting brackets are aligned with the holes on the front-rack post.



- 4. Hold the chassis in position while the second person secures the two front-mounting brackets to the front posts, by finger-tightening 19-inch rack bolts (not supplied) to the rack posts. Each mounting bracket is secured to the rack by two bolts. Make sure that the left and right front-mounting brackets are attached to the rack posts at the same level so that the chassis is supported in a horizontal position.
- 5. Tighten the bolts on the front-mounting brackets.

Cabling the Device to Power

The device can be powered from a standard alternating current (AC) electrical wall outlet or a DC power source.

1. **GROUNDING:** Ground (earth) the device by inserting an electrically earthed strap of 16-AWG (minimum) wire in to grounding lug (supplied), and then attaching the lug to the chassis using the two screws and spring washers. For more information, refer to the device's *Hardware Manual*. Connect the other end of the strap to protective earthing. This must be in accordance with regulations enforced in the country of installation.



2. AC POWER: For each AC power model, connect the line socket of the AC power cord (supplied) to the device's AC power inlet, located on the rear panel. Connect the plug at the other end of the AC power cord to a standard electrical wall outlet.



3. DC POWER: For each DC power model, disconnect your DC wires from your DC power source, and then connect the two DC wires (6-AWG) to the DC terminal block plug (supplied), making sure that the wires are inserted in to the correct openings on the terminal block according to their polarity (negative or positive). Insert the DC terminal block plug into the DC inlet of the Power Supply module, located on the rear panel. Connect the DC power leads to a 48-VDC power source.





Assigning an IP Address

Use the device's factory default IP address (**192.168.0.2/24** and Default Gateway 0.0.0.0) to initially access the device's Web-based management interface and then change it to suit your network's addressing scheme for subsequent connectivity.

1. Using a CAT-5e/6 shielded twisted pair (STP) straight-through RJ-45 Ethernet cable, connect any one of Ethernet ports of the CPU module (rear panel) to the LAN port of your computer.



Computer

- 2. Change the IP settings of your computer to correspond with the device's default IP address and subnet mask.
- 3. On your computer, open a standard Web browser (for example, Google Chrome), and then in the URL field, enter the device's default IP address; the Web Login screen appears:

Web Login								
Username								
1								
Password								
Remember Me	Login							

- 4. Type in the default username (Admin) and password (Admin), and then click Login.
- 5. Open the IP Interfaces table (Setup menu > IP Network tab > Core Entities folder > IP Interfaces).

6. Select the OAMP interface ('Application Type' with **OAMP + Media + Control**), click **Edit**, and then in the dialog box, modify the device's OAMP interface.

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		Cancel APPLY					

- 7. Click **Apply** to submit your changes; your connection with the device becomes unavailable at the default IP address (due to the new IP address).
- 8. Change the IP settings of your computer to correspond with the new OAMP IP addresses and subnet of the device.
- 9. Access the device again, but at its' new IP address, and then on the Web interface's toolbar, click the **Save** button; the new IP address is now saved to the device's flash memory.
- 10. Re-cable the device to the required network. You can now access the device's management interfaces remotely, using the new IP address.

Obtaining Software and Documentation

If you have a maintenance and support agreement with AudioCodes, you can download the device's latest software version from AudioCodes' Services Portal at <u>https://services.audiocodes.com</u> (registered users only).

You can also view and download documentation relating to the device (such as the *User's Manual* and *Hardware Manual*) on AudioCodes website at <u>https://www.audiocodes.com/library/technical-documents?productGroup=1692</u>.

Safety Precautions

- The device must be installed and serviced only by qualified service personnel.
- The device is considered as IPXO non-water ingress protected and therefore, must be installed only indoors.
- Do not expose the device to water or moisture.
- Ethernet cabling must be shielded and routed only indoors, and must not exit the building.
- Do not open or disassemble this device. The device carries high voltage and contact with internal components may expose you to electrical shock and bodily harm.
- Make sure the device is installed in a well-ventilated location to avoid over heating of internal components and subsequent damage.
- Do not place any object on top of the device and make sure that sufficient clearance from the top and sides are maintained to ensure proper airflow to avoid over heating of internal components.
- Operate the device in an ambient temperature (Tma) that does not exceed 40°C (104°F).
- The device must be installed only in restricted access locations that are compliant with ETS 300 253 guidelines where equipotential bonding has been implemented.
- The device includes an integrated secondary surge protection, but does **not** provide primary telecom protection! When the FXS telephone lines are routed outside the building, additional protection usually a 350V three-electrode Gas Discharge Tube (GDT) as described in ITU-T K.44 **must** be provided at the entry point of the telecom wires into the building (usually on the main distribution frame / MDF), in conjunction with proper grounding. The center pin of the GDT (MDF grounding bar) must be connected to the equipotential grounding bus bar of the Telecommunication room.
- Operate the device only from the type of power source indicated on the chassis.
- Installation of the device must be in accordance with national electrical codes and conform to local regulations.
- AC power: Use only the supplied AC power cord for connection to the AC power source.
- AC power: The device must be connected to an electrical socket-outlet providing a protective earthing connection.
- AC power: If you are using both Power Supply modules, connect each one to a different AC power supply source. The two AC power sources must have the same ground potential.
- DC power: Connect the device to a safety extra-low voltage (SELV) source that is sufficiently isolated from the mains.
- DC power: Connection of the device to the DC mains power must be done only by a certified electrician and in accordance with local national electrical regulations.
- DC power: Both Power Supply modules must be connected. Ensure that you connect each one to a different DC power supply source.
- DC power: The two DC power sources must have the same ground potential.

About AudioCodes

AudioCodes Ltd. (NasdaqGS: AUDC) is a leading vendor of advanced voice networking and media processing solutions for the digital workplace. With a commitment to the human voice deeply embedded in its DNA, AudioCodes enables enterprises and service providers to build and operate all-IP voice networks for unified communications, contact centers and hosted business services. AudioCodes' wide range of innovative products, solutions and services are used by large multinational enterprises and leading tier one operators worldwide.

International Headquarters

1 Hayarden Street, Airport City Lod 7019900, Israel Tel: +972-3-976-4000 Fax: +972-3-976-4040 AudioCodes Inc. 200 Cottontail Lane, Suite A101E, Somerset, NJ 08873 Tel: +1-732-469-0880 Fax: +1-732-469-2298

Contact us: https://www.audiocodes.com/corporate/offices-worldwide

Website: https://www.audiocodes.com/

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