MediaPack™ 11x Analog VoIP Gateway

Quick Setup Guide

Welcome

Congratulations on purchasing your AudioCodes **MediaPack 11x (MP-11x) Analog Voice-over-IP (VoIP) Media 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 *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 Safety Precautions on page 9.

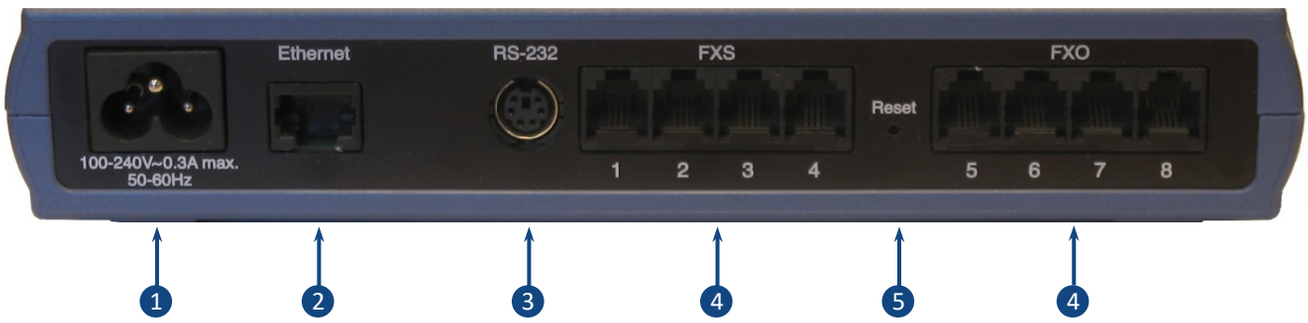
Pour consulter le guide rapide de l'équipement en **français**, consultez le site web AudioCodes suivant : https://www.audiocodes.com/library/technical-documents?productGroup=1691&docTypeGroup=Quick+Guides.

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:

- 4 x anti-slide bumpers for desktop mounting
- 1 x AC power cable
- Regulatory Information document
- This document

Physical Description



[*The presence and number of FXS and FXO port interfaces depends on ordered MP-11x model.*]

1 **100-240V**

AC power plug entry.

Power LED (located on front panel):

Green On	Power received by device
Off	No power

Ready LED (located on front panel):

Green On	Device is powered up
Off	Installing software (.cmp file) or device failure

Fail LED (located on front panel):

Red On	Device failure or initializing
Off	Normal operation

2 **Ethernet**

10/100Base-T Ethernet port (RJ-45) for connecting to the IP network.

Uplink LED (located on front panel):

Green On	Ethernet link established
Green Flashing	Data is being received or transmitted
Off	No Ethernet link

3 **RS-232**

RS-232 serial interface port (6-pin mini-DIN female - PS/2).

Note: MP-112 does not provide a serial port.

4 **FXS and/or FXO**

Foreign eXchange Subscriber (FXS) ports (RJ-11) and/or Foreign eXchange Office (FXO) ports (RJ-11). The number and type of ports depends on ordered MP-11x model.

Channels Status LED (located on front panel):

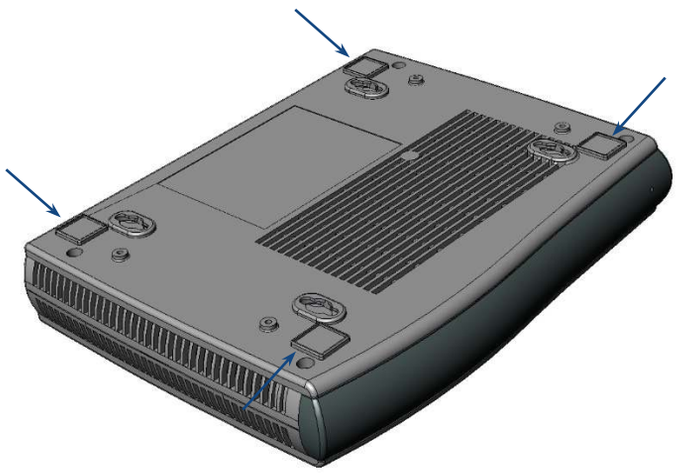
Green On	Phone is in off-hook position
Green Slow-Flashing	Phone is ringing
Green Fast-Flashing	Malfunction
Off	Phone is in on-hook position

5 **Reset**

Reset pinhole button for resetting the device or restoring it to factory defaults. To restore the device to factory defaults: Disconnect the Ethernet cable and then with a paper clip or any other similar pointed object, press and hold down the button for about six seconds.

Mounting the Device

You can mount the device on a desktop using the four anti-slide bumpers (supplied), which you need to stick in the grooves (shown below) located on the underside of the device.



You can also mount the device on a wall or in a standard 19-inch rack. For instructions on wall mounting and 19-inch rack mounting, refer to the *Hardware Manual*

Power Cabling the Device

The device is powered from a standard alternating current (AC) electrical wall outlet, using the supplied power cord.

1. Insert the female connector located on the end of the power cord (supplied) into the device's power socket located on the rear panel.
2. Insert the male plug located on the other end of the power cord into a standard electrical wall outlet. The **Power** LED (located on the front panel) is lit green, indicating that the device is receiving power.

Assigning an IP Address to the Device

The default IP address depends on your MP-11x model:

- **FXS-only models and FXS-with-FXO models:** 10.1.10.10
- **FXO-only models:** 10.1.10.11

For all MP-11x models, the default subnet mask is 255.255.0.0 and the Default Gateway IP address is 0.0.0.0.

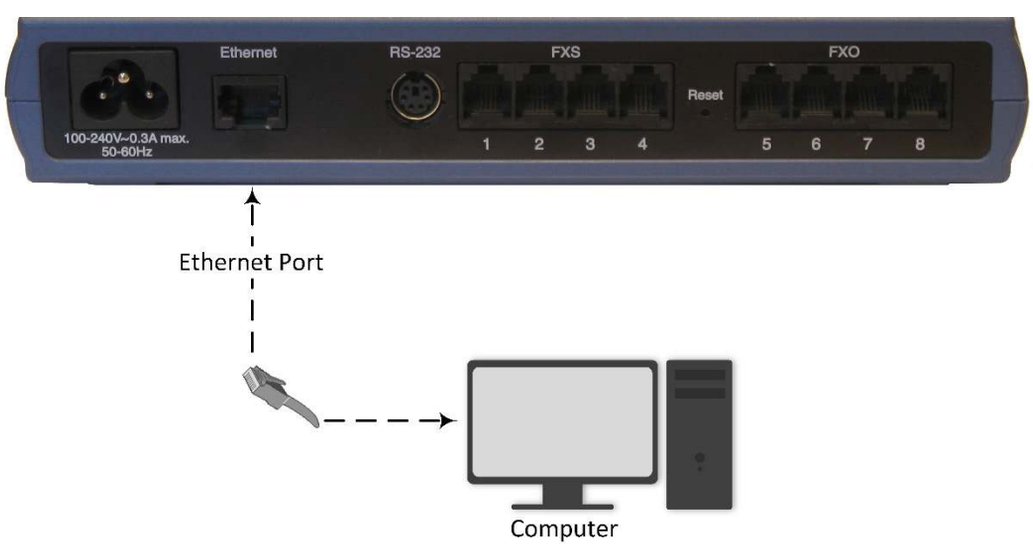
You can change the IP address using any of the following methods:

- Accessing the device's Web-based management interface from a computer using the default IP address
- Accessing the device's interactive voice response (IVR) menu, using touch-tone dialing (DTMF tones) on a standard telephone connected to one of the device's FXS ports

ASSIGNING AN IP ADDRESS THROUGH THE WEB-BASED MANAGEMENT INTERFACE

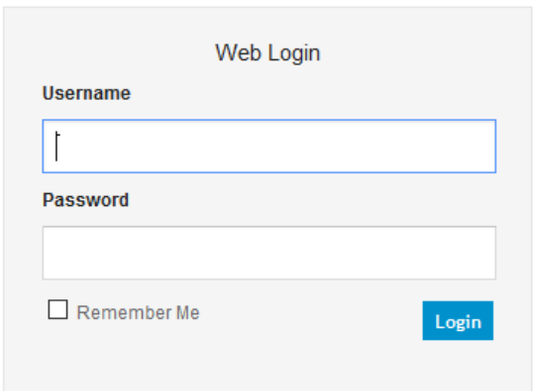
Use the device's factory default IP address to initially access the device's Web-based management interface and then change it to suit your network addressing scheme for subsequent connectivity.

1. Using a crossover RJ-45 Ethernet cable, connect the device's Ethernet port located on the rear panel and labeled **Ethernet**, to the LAN port of your computer.

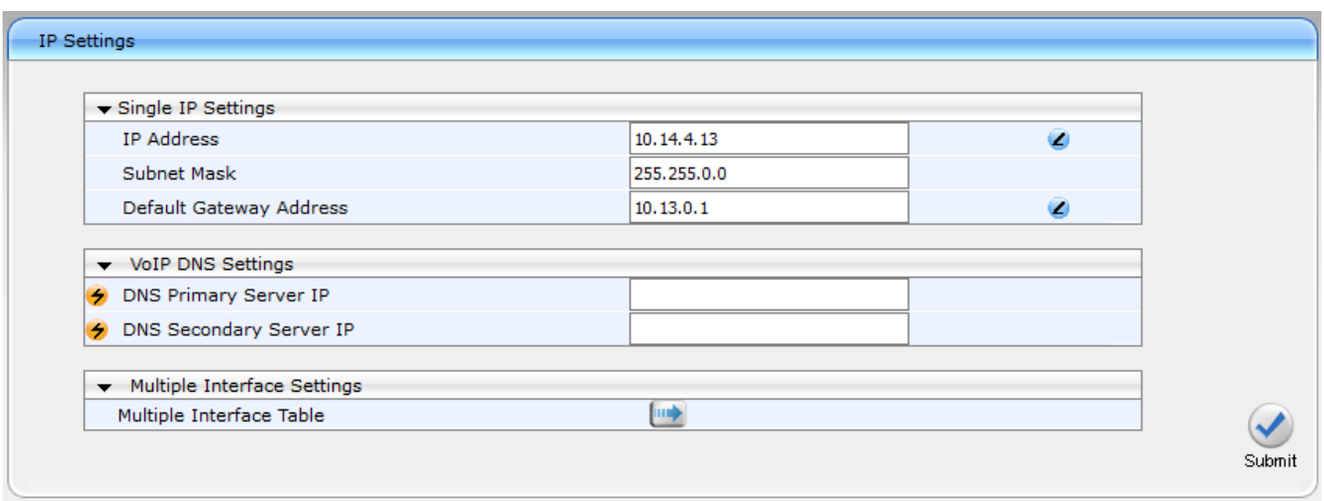


2. Change the IP address of your computer to correspond with the device's default IP address and subnet mask.

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:

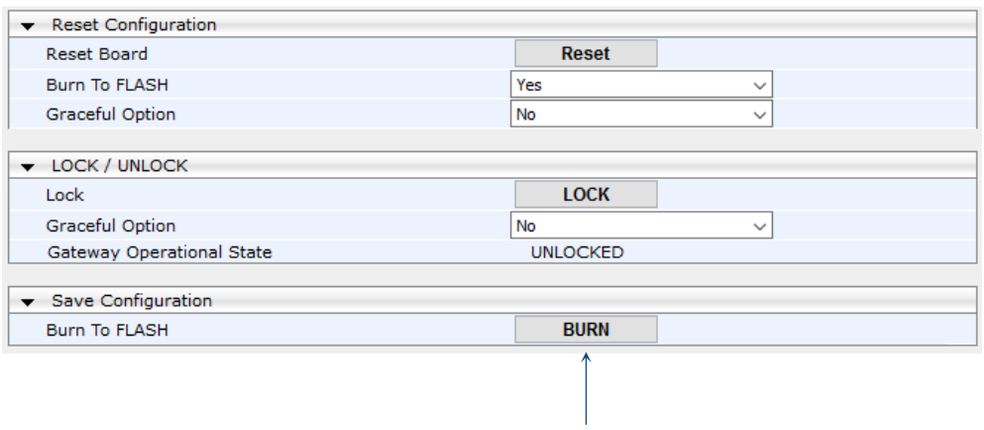


4. Type in the default username (**Admin**) and password (**Admin**), and then click **Login**.
5. Open the IP Settings table (**Configuration** tab > **VoIP** menu > **Network** > **IP Interfaces Table**).



6. Modify the IP address to suit your network addressing scheme:
   - In the 'IP Address' field, enter the new IPv4 IP address in dotted-decimal notation.
   - In the 'Subnet Mask' field, enter the new subnet mask in dotted-decimal notation.
   - In the 'Default Gateway Address' field, enter the new IP address of the Default Gateway in dotted-decimal notation.
7. Click **Submit** to apply your settings.

8. Open the Maintenance Actions page (**Maintenance** tab > **Maintenance** menu > **Maintenance Actions**), and then click **BURN** to save your settings to the device's flash memory. This process also causes the device to reset.



As you have changed the device's IP address, your connection to the device's management interface through your browser is no longer available.

9. Disconnect the device's Ethernet cable from your computer and then connect it to your network.
10. Access the device's management interface using the device's new IP address.

ASSIGNING AN IP ADDRESS THROUGH THE VOICE MENU

You can change the IP address through the device's interactive voice response (IVR) menu, using touch-tone dialing (DTMF tones) on a standard telephone that is connected to one of the device's FXS ports:

1. Connect a telephone to one of the device's FXS ports.
2. Lift the handset off the hook, and then dial ***12345** (three stars followed by the digits 1, 2, 3, 4, and 5). Note that you may hear a fast-busy dial tone when pressing the * key.
3. When you hear the configuration menu voice prompt, continue with the next step.
4. To change the IP address:
    a. Press **1** followed by the number key (**#**); the current IP address of the device is played.
    b. Press the **#** key.
    c. Dial the new IP address, using the ***** key to denote the dots between digits (e.g., 192*168*0*4), and then press **#** to finish.
    d. Press **1** to save.
5. To change the subnet mask:
    a. Press **2** followed by the **#** key; the current subnet mask of the device is played.
    b. Press the **#** key.
    c. Dial the new subnet mask (e.g., 255*255*0*0), and then press **#** to finish.
    d. Press **1** to save.
6. To change the Default Gateway IP address:
    a. Press **3** followed by the **#** key; the current Default Gateway address is played.
    b. Press the **#** key.
    c. Dial the new Default Gateway address (e.g., 192*168*0*1), and then press **#** to finish.
    d. Press **1** to save.
7. Hang up (on-hook) the telephone's handset.

Safety Precautions

- This device is an indoor unit and therefore, must not be installed outdoors.
- Ethernet cabling must be routed only indoors and must not exit the building.
- The device must be installed and serviced only by qualified service personnel.
- Do not open or dismantle the device.
- Do not expose the device to water or moisture.
- 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.
- Use only the supplied AC power cord for connection to the power source.
- Installation of the device must be in accordance with national electrical codes and conform to local regulations.
- Ensure that you connect the device to an electrical socket outlet that provides protective earthing (grounding).
- The device is immune against power surge levels of up to 1 Kilovolts (KV) as required by the following standards: IEC 61000-4-5, EN 55024, and EN 300386. Power surges above protection levels as required by EN 55024 and EN 300386 may cause damage to the device.
- For FXS ports, the device provides only Secondary Protection against power surges. In deployments where the telephone lines are installed outside, you must install AudioCodes' approved surge protector (Circa model 4B3S-75) as the primary protection against lightning and other over-voltages phenomena which might couple the 2-wire.
- For FXO ports, use minimum 26-AWG wiring.
- For FXX ports, use minimum 26-AWG wiring if it exits the building.

About AudioCodes

AudioCodes Ltd. (NASDAQ, TASE: AUDC) is a leading vendor of advanced communications software, products and productivity solutions for the digital workplace. AudioCodes enables enterprises and service providers to build and operate all-IP voice networks for unified communications, contact centers, and hosted business services. AudioCodes offers a broad range of innovative products, solutions and services that are used by large multi-national enterprises and leading tier-1 operators around the world.

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