MediaPack™ 20x FXS Telephone Adapter

Quick Setup Guide

Welcome

Congratulations on purchasing your AudioCodes **MediaPack 20x Telephone Adapter** (MP-20x), hereafter referred to as *device*!

This document provides basic setup instructions for cabling the device and for connecting it to the Internet. Before you begin, please read the Safety Precautions on page 10.

🔵 Pour consulter le guide rapide de l'équipement en **français**, consultez le site web AudioCodes suivant : https://www.audiocodes.com/library/technical-documents?productGroup=1693&docTypeGroup=Quick+Guides .
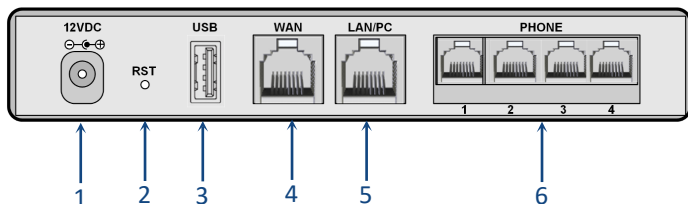
Package Contents

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

- 1 x 12V AC power adapter
- 1 x RJ-11 telephone cable

- 1 x RJ-45 Ethernet cable
- Regulatory Information document
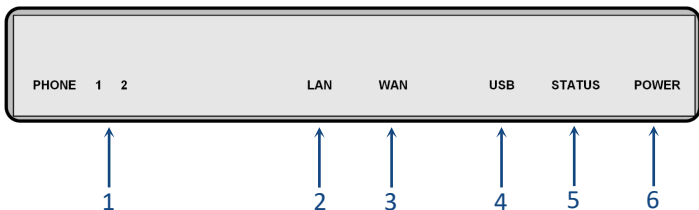- This Quick Guide

Rear-Panel Description

[*Number of FXS phone ports and presence of USB port depend on MP-20x model*]

1   12VDC AC power socket.

2   RST Reset pinhole button for resetting the device or restoring it to factory defaults.
- To reset: With a paper clip (or any other similar pointed object), press the button for at least 1 second, but no more than 5 seconds.
- To restore to factory defaults: With a paper clip (or any other similar pointed object), press the button for at least 7 seconds, but no more than 25 seconds.

3   USB USB 2.0 port which can be used for connecting a 3G/4G LTE cellular modem (USB dongle) for

primary or secondary (backup) WAN, a network printer for LAN users, or an external storage device. **Note:** The USB port is available only on these MP-20x models: MP-204B/4S/SIP, MP-202R/2S/SIP/CER/R, and MP-204R/4S/SIP/CER/R.

4	**WAN**	WAN Ethernet port interface (RJ-45) for connecting to the WAN. **Note:** The Ethernet port speed depends on the MP-20x model:
		▪ Fast Ethernet (100Base-T): MP-202B/2S/SIP
		▪ Gigabit Ethernet (10/100/1000Base-T): MP-204B/4S/SIP, MP-202R/2S/SIP/CER/R, and MP-204R/4S/SIP/CER/R
5	**LAN/PC**	LAN Ethernet port interface (RJ-45) for connecting to a LAN computer. **Note:** The Ethernet port speed depends on the MP-20x model:
		▪ Fast Ethernet (100Base-T): MP-202B/2S/SIP
		▪ Gigabit Ethernet (10/100/1000Base-T): MP-204B/4S/SIP, MP-202R/2S/SIP/CER/R and MP-204R/4S/SIP/CER/R
6	**PHONE**	Foreign Exchange Subscriber (FXS) ports for connecting analog telephones. **Note:** The number of FXS ports depends on the MP-20x model:
		▪ 2: MP-202B/2S/SIP and MP-202R/2S/SIP/ CER/R
		▪ 4: MP-204B/4S/SIP and MP-204R/4S/SIP/ CER/R

Front-Panel Description

[*Number of PHONE LEDs and presence of USB LED depend on MP-20x model*]

1	**PHONE**	LED indicating FXS port (phone) status:	
		▇ Green Slow-Flashing	▪ SIP user account for the analog line has been successfully registered to a proxy server ▪ Phone is in on-hook state
		▇ Green On	Phone is in off-hook state
		▇ Green Fast-Flashing	Phone is ringing
		▇ Red On	SIP user account registration failure for the analog line
		▇ Off	No SIP user account has been configured for this analog line

2 / 3	LAN / WAN	LED indicating LAN and WAN status:

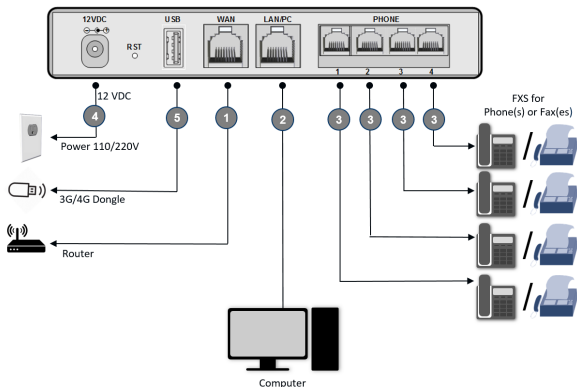|		
🟩 Green On	Ethernet link is connected:	
	▪ 100 Mbps: MP-202B/2S/SIP	
	▪ 1000 Mbps: MP-204B/4S/SIP, MP-202R/2S/SIP/CER/R, and MP-204R/4S/SIP/CER/R	
🟩 Green Flashing	Ethernet link is active (data is received or transmitted):	
	▪ 100 Mbps: MP-202B/2S/SIP	
	▪ 1000 Mbps: MP-204B/4S/SIP, MP-202R/2S/SIP/CER/R, and MP-204R/4S/SIP/CER/R	
🟨 Yellow On	Ethernet link is connected:	
	▪ 10 Mbps: MP-202B/2S/SIP	
	▪ 100 Mbps: MP-204B/4S/SIP, MP-202R/2S/SIP/CER/R, and MP-204R/4S/SIP/CER/R	
🟨 Yellow Slow-Flashing	Ethernet link is active (data is received or transmitted):	
	▪ 10 Mbps: MP-202B/2S/SIP	
	▪ 100 Mbps: MP-204B/4S/SIP, MP-202R/2S/SIP/CER/R, and MP-204R/4S/SIP/CER/R	
🟨 Yellow Fast-Flashing	10-Mbps Ethernet link is active (MP-204B/4S/SIP, MP-202R/2S/SIP/CER/R, and MP-204R/4S/SIP/CER/R)	
⬛ Off	No Ethernet link	

4	**USB**	LED indicating USB port status:

	🟩 Green On	USB device connected to USB port
	⬛ Off	No USB device connected

5	**STATUS**	LED indicating operating status:

	🟩 Green On	Device bootup completed successfully
	🟩 Green Flashing	Firmware upgrade or configuration update in process (all other LEDs also flash, except **POWER** LED)
	🟥 Red On	Device booting up

6	**POWER**	LED indicating power status:

	🟩 Green On	Power received by device
	⬛ Off	No power

Cabling the Device

1. Connect the device's Ethernet port labeled **WAN** to your Internet router, using an RJ-45 Ethernet cable.

2. Connect the device's Ethernet port labeled **LAN/PC** to your computer, using an RJ-45 Ethernet cable.

3. Connect the device's telephone ports labeled **PHONE** to your analog telephones or faxes, using RJ-11 telephone cables.

4. (Optional) For primary or secondary (backup) WAN, connect a 3G/4G cellular modem dongle to the USB port labeled **USB**.

5. Connect the device to a standard 110/220 VAC electrical wall outlet, using the supplied AC power adapter; the **POWER** LED turns on (green) and when initialization completes (~ 1 minute), the **STATUS** LED changes from red to green.
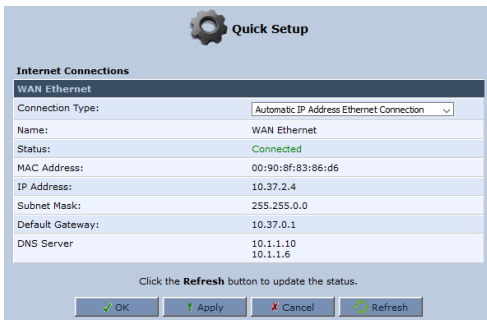
Configuring Initial Network Settings

Once you have cabled the device, as explained in the previous section, you can access the device's Web-based management tool to configure your Internet connection type.

1. On the computer that you connected to the device, verify that the Local Area Connection status is "Connected". If the status is "Disconnected", then make sure that your computer is configured to obtain an IP address automatically. (The device has an embedded DHCP server which allocates a DHCP pool of IP addresses in the 192.168.2.0/24 subnet.)

2. Open a standard Web browser on your computer, and then in the URL field, enter the device's default IP address of **192.168.2.1**; the Login screen appears:
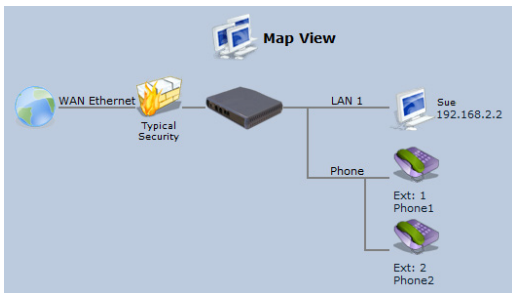

3. Enter the default, case-sensitive username (**admin**) and password (**admin**), and then click **Continue**; the Quick Setup page appears:

Quick Setup

Internet Connections

WAN Ethernet

Connection Type:	Automatic IP Address Ethernet Connection ∨
Name:	WAN Ethernet
Status:	Connected
MAC Address:	00:90:8f:83:86:d6
IP Address:	10.37.2.4
Subnet Mask:	255.255.0.0
Default Gateway:	10.37.0.1
DNS Server	10.1.1.10 10.1.1.6

Click the **Refresh** button to update the status.

[✓ OK] [! Apply] [✗ Cancel] [⟳ Refresh]

4. From the 'Connection Type' drop-down list, select the Internet connection method. Consult with your Service Provider for the required connection type (e.g., DHCP, PPPoE or PPTP).

5. Click **OK**; the Map View page appears, displaying all the network elements (such as phones, faxes, router, and Internet) that are connected to your device. (If there is no Internet connection, the ✗ icon is displayed on the "WAN Ethernet" line.)

Obtaining Software and Documentation

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

To download the device's technical documentation such as the *User's Manual* from AudioCodes website, go to https://www.audiocodes.com/library/technical-documents?productGroup=1693.

Safety Precautions

- The device must be installed and serviced only by qualified service personnel.
- 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.
- 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).

- Use only the supplied AC/DC power adapter for connection to the power source. In case of a malfunction, do not attempt to fix the power adapter and do not use any other type of power adapter. Contact AudioCodes support for assistance.

- The device must be connected to an electrical socket-outlet providing protective earthing.

- 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.

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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