



AudioCodes MP-114/118 Installation Guide

DEVICE INSTALLATION

Connect the device to the LAN and connect the phone lines. Begin by determining the device IP Address by either of the following methods:

- a) If the device is using the factory defaults, change the IP address of your computer to 10.1.10.1 with a subnet of 255.255.0.0 so that it can communicate with the device using its factory default IP address of 10.1.10.11.
- b) If the device is not using the factory defaults, access your router's web interface and view the list of attached devices. The MP-114/118 does not have a Device Name however the displayed Mac Address can be matched to the MAC address printed on the bottom of the device.

Use Internet Explorer to access the MP-114/118 web interface configuration pages using the above determined IP address. When prompted enter the default case sensitive user name of 'Admin' and password of 'Admin'.

From the displayed home page, observe the firmware version. If the firmware version is prior to version 5.60A.009.005 we recommend upgrading the firmware to the latest version as described in the following Device Firmware Update section.

DEVICE FIRMWARE UPDATE

If the firmware version is prior to version 5.60A.009.005 follow the guidelines to update the firmware version.

Begin the upgrade process by downloading the firmware file from the following IntraCom website URL:

www.intracomsystem.com/downloads/MP118_SIP_F5.60A.009.005.zip

Extract the CMP file from the ZIP to a known location.

Use Internet Explorer to access the MP-114/118 web interface configuration pages using the IP address determine in Device Installation. When prompted enter the default case sensitive user name of 'Admin' and password of 'Admin'.



Locate the Software Update Wizard in your version and start the software upgrade. The method to access to and the behavior of the Software Upgrade Wizard may differ slightly for various firmware versions. When prompted, point the browser to the CMP file extracted previously. Follow all remaining prompts to accept the default settings to complete the firmware upgrade.

VCOM CONFIGURATION

Using the VCOM System Administration application assign a new client for each phone line that will be connected using Client Type of "SIP Device: PSTN Telephone Interface (FX0)" assigning an appropriate Login name, Login Password and Selector Talk/Listen Name. Assign the selector(s) to at least one Control Panel for testing. Further configuration may be necessary depending on specific functionality required however the default settings will allow for both dial-out and dial-in. For further configuration details please refer to the VCOM System Administration User Guide.

DEVICE CONFIGURATION

Use Internet Explorer to access the MP-114/118 web interface configuration pages using the IP address determine in Device Installation. When prompted enter the default case sensitive user name of 'Admin' and password of 'Admin'.

If the IP address is still the factory default or not the desired IP address changes the IP as follows:

Under 'Network Settings -> IP Settings -> Single IP Settings
IP Address: <Static IP Address compatible with LAN>
Subnet Mask: 255.255.255.0
Default Gateway Address: <Gateway Address compatible with LAN>

If the IP address of the MP-114/118 was changed and you previously changed the IP address of your computer to match, again change the IP address of your computer to match the new IP address.

If an NAT router is between the MP-114/118 and the VCOM server, specific configuration of the MP-114/118 is necessary to properly support NAT router traversal. To do so requires a static public IP address as its STUN server implementation cannot specify a port and therefore cannot handle symmetric NATs. As such the AudioCodes must be configured manually with the NAT router's public IP address as follows:



Network Settings-> IP Settings->NAT Settings
NAT IP Address <NAT Router Public IP Address>

Configure the SIP Server and Proxy settings as follows:

Protocol Configuration -> Protocol Definition -> SIP General Parameters
SIP Destination Port <VCOM Virtual Matrix SIP IP PORT> [Default is 5060]

Protocol Configuration -> Protocol Definition ->Proxy & Registration
Use Default Proxy Yes
Proxy Table Set
Proxy Address <VCOM Virtual Matrix IP Address>
[NOTE: If the VCOM Virtual Matrix SIP IP Port has been changed from the default of 5060 the address must include the IP Port (eg 208.109.209.117:5061)]
Enable Registration Enable
Registrar Name: <VCOM Virtual Matrix IP Address or Domain Name>
Registration Time: 70
Gateway Name: <VCOM Virtual Matrix IP Address or Domain Name>

Configure the Audio Codec settings as follows:

Protocol Configuration -> Protocol Definition -> Coders

Coder Name	Packet Time	Rate	Payload Type	Silence Suppression
G.711A-Law	20	64	8	Yes
G.711U-Law	20	64	8	Yes

Configure the SIP Client settings as follows:

Protocol Configuration -> Endpoint Settings -> Authentication

Gateway Port	User Name	Password
Port 1 FXO	<VCOM Login Name for Line 1>	<VCOM Login Password for Line 1>
Port 2 FXO	<VCOM Login Name for Line 2>	<VCOM Login Password for Line 2>
Port 3 FXO	<VCOM Login Name for Line 3>	<VCOM Login Password for Line 3>
Port 4 FXO	<VCOM Login Name for Line 4>	<VCOM Login Password for Line 4>

Protocol Configuration -> Endpoint Settings -> Automatic Dialing

Gateway Port	Destination Phone Number	Auto Dial Status
Port 1 FXO	*<VCOM Login Name for Line 1>	Enable [Asterisk is required]
Port 2 FXO	*<VCOM Login Name for Line 2>	Enable [Asterisk is required]
Port 3 FXO	*<VCOM Login Name for Line 3>	Enable [Asterisk is required]
Port 4 FXO	*<VCOM Login Name for Line 4>	Enable [Asterisk is required]



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Protocol Configuration -> Endpoint Settings -> Caller Display Information

<u>Gateway Port</u>	<u>Caller ID / Name</u>	<u>Presentation</u>
Port 1 FXO	Anonymous	Allowed
Port 2 FXO	Anonymous	Allowed
Port 3 FXO	Anonymous	Allowed
Port 4 FXO	Anonymous	Allowed

Protocol Configuration -> Endpoint Settings -> Caller ID Permissions

<u>Gateway Port</u>	<u>Caller ID</u>
Port 1 FXO	Enabled
Port 2 FXO	Enabled
Port 3 FXO	Enabled
Port 4 FXO	Enabled

Protocol Configuration -> Endpoint Number -> Endpoint Phone Number

<u>Channel(s)</u>	<u>Phone Number</u>	<u>Hunt Group Id</u>	<u>Tel Profile ID</u>
1	<VCOM Login Name for Line 1>		
2	<VCOM Login Name for Line 2>		
3	<VCOM Login Name for Line 3>		
4	<VCOM Login Name for Line 4>		

Codec Configuration

Configure the general devices settings as follows:

Advanced Applications -> FXO Settings

Dialing Mode	Two Stages
Wait for Dial Tone	Yes

Optionally configure the general devices settings as follows:

With some PSTN networks it has been observed that the call may not disconnect automatically on remote user disconnection. The following parameters can be modified which may or may not resolve the problem.

Protocol Configuration -> SIP Advanced Parameters -> Advanced Parameters

Enable Polarity Reversal	Enable (? Required?)
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Enable Current Disconnect Enable (? Required?)

An additional option which may help resolve the issue has no web GUI user interface. To modify this setting Load and edit the configuration INI file to include the following

[Analog Params]

CurrentDisconnectDuration = 200