

MP-114 Basic Install

You must SAVE and BURN before moving trees.

First section to modify is the VoIP>Media >Fax/Modem/CID Settings

Fax Transport Mode needs to be turned to Relay Enabled or T.38 Enabled

The screenshot shows the AudioCodes MP-118 FXO configuration interface. The left sidebar contains a tree view with the following structure:

- Basic (selected)
- Full
- System
- VoIP
 - Network
 - Security
 - Media
 - Voice Settings
 - Fax/Modem/CID Settings** (selected)
 - RTP/RTCP Settings
 - IPMedia Settings
 - General Media Settings
 - Analog Settings
 - Media Security
 - Applications Enabling
 - Control Network
 - SIP Definitions
 - Coders And Profiles
 - GW and IP to IP

The main content area displays the 'Fax/Modem/CID Settings' configuration page, which is divided into three sections:

- General Settings**
 - Fax Transport Mode: RelayEnable
 - Caller ID Transport Type: Mute
 - Caller ID Type: Standard Belcore
 - V.21 Modem Transport Type: Disable
 - V.22 Modem Transport Type: Disable
 - V.23 Modem Transport Type: Disable
 - V.32 Modem Transport Type: Disable
 - V.34 Modem Transport Type: Disable
 - Fax CNG Mode: Disable
 - CNG Detector Mode: Disable
- Fax Relay Settings**
 - Fax Relay Redundancy Depth: 2
 - Fax Relay Enhanced Redundancy Depth: 2
 - Fax Relay ECM Enable: Enable
 - Fax Relay Max Rate (bps): 14400bps
- Bypass Settings**
 - Fax/Modem Bypass Codec Type: G711Alaw_64
 - Fax/Modem Bypass Packing Factor: 1
 - Fax Bypass Output Gain: 0
 - Modem Bypass Output Gain: 0

The interface includes a top navigation bar with 'Submit' and 'Burn' buttons, and a bottom right corner with a 'Submit' button.

Next is VoIP>SIP Definitions> General Parameters

FaxSignaling Method needs to be turned to T.38 Relay. If this is set to NO FAX, Fax will not work.

Next two sections are making sure NoFax is not set.

You want to verify that the Fax Signaling Method is set to T.38 Relay on both of these.

VoIP>Coders And Profiles>Tel Profile Settings and VoIP>Coders And Profiles>IP Profile Settings

The image displays two screenshots of the AudioCodes MP-118 FXO web interface, showing the configuration settings for Tel Profile Settings and IP Profile Settings.

Top Screenshot: Tel Profile Settings

The left sidebar shows the navigation tree with the following structure:

- Basic
- Full
- System
- VoIP
- Network
- Security
- Media
 - Voice Settings
 - Fax/Modem/CID Settings
 - RTP/RTCP Settings
 - IPMedia Settings
 - General Media Settings
 - Analog Settings
 - Media Security
- Applications Enabling
- Control Network
- STP Definitions
 - General Parameters
 - Advanced Parameters
 - Account Table
 - Proxy & Registration
 - RADIUS Accounting Settings
- Coders And Profiles
 - Coders
 - Coders Group Settings
 - Tel Profile Settings
 - IP Profile Settings
 - GW and IP to IP

The main content area shows the Tel Profile Settings configuration for Profile ID 1. The Profile Name field is empty. The Profile Parameters section includes the following settings:

Parameter	Value
Profile ID	1
Profile Name	
Profile Preference	1
Fax Signaling Method	T.38 Relay
Dynamic Jitter Buffer Minimum Delay [msec]	10
Dynamic Jitter Buffer Optimization Factor	10
RTP IP DiffServ	46
Signaling DiffServ	40
Voice Volume (-32 to 31 dB)	0
DTMF Volume (-31 to 0 dB)	-11
Input Gain (-32 to 31 dB)	0
Enable Digit Delivery	Disable
Enable Polarity Reversal	Disable
Enable Current Disconnect	Disable
MWI Analog Lamp	Disable
MWI Display	Disable
Dial Plan Index	-1
Echo Canceler	Enable
Flash Hook Period	700
Enable Early Media	Enable

Bottom Screenshot: IP Profile Settings

The left sidebar shows the navigation tree with the following structure:

- Basic
- Full
- System
- VoIP
- Network
- Security
- Media
 - Voice Settings
 - Fax/Modem/CID Settings
 - RTP/RTCP Settings
 - IPMedia Settings
 - General Media Settings
 - Analog Settings
 - Media Security
- Applications Enabling
- Control Network
- STP Definitions
 - General Parameters
 - Advanced Parameters
 - Account Table
 - Proxy & Registration
 - RADIUS Accounting Settings
- Coders And Profiles
 - Coders
 - Coders Group Settings
 - Tel Profile Settings
 - IP Profile Settings
 - GW and IP to IP

The main content area shows the IP Profile Settings configuration for Profile ID 1. The Profile Name field is empty. The Common Parameters section includes the following settings:

Parameter	Value
Profile ID	1
Profile Name	
RTP IP DiffServ	46
Signaling DiffServ	40
Disconnect on Broken Connection	Yes
Dynamic Jitter Buffer Minimum Delay [msec](*)	10
Dynamic Jitter Buffer Optimization Factor(*)	10
RTP Redundancy Depth(*)	0
Echo Canceler(*)	Enable
Input Gain (-32 to 31 dB)(*)	0
Voice Volume (-32 to 31 dB)(*)	0

The Gateway Parameters section includes the following settings:

Parameter	Value
Fax Signaling Method	T.38 Relay
Play Ringback Tone to IP	Don't Play
Enable Early Media	Enable
Copy Destination Number to Redirect Number	Disable
Media Security Behavior	Preferable
CNG Detector Mode	Disable
Modems Transport Type	Disable

Next is VoIP>GW and IP to IP>Hunt Group>EndPoint Phone Number

If this is for an MP-114 you want to put Channels 1-4 if this is an MP-118 change to 1-8

The screenshot shows the AudioCodes MP-118 FXO configuration interface. The left sidebar contains a tree view with categories like Basic, Full, and various configuration options. The main area displays the 'Endpoint Phone Number Table' with a table containing 8 rows and 4 columns: Channel(s), Phone Number, Hunt Group ID, and Tel Profile ID. The first row is pre-filled with '1-4', '1000', '1', and '0'. Below the table are buttons for 'Register', 'Un-Register', and 'Submit'.

	Channel(s)	Phone Number	Hunt Group ID	Tel Profile ID
1	1-4	1000	1	0
2				
3				
4				
5				
6				
7				
8				

Register Un-Register
Submit

Next is VoIP>GW and IP to IP>Hunt Group>Hunt Group Settings

The screenshot shows the AudioCodes MP-118 FXO configuration interface. The left sidebar contains a tree view with categories like Basic, Full, and various configuration options. The main area displays the 'Hunt Group Settings' with a table containing 12 rows and 7 columns: Hunt Group ID, Channel Select Mode, Registration Mode, Serving IP Group ID, Gateway Name, and Contact User. The first row is pre-filled with '1', 'Cyclic Ascending', and '1'. Below the table is a 'Submit' button.

	Hunt Group ID	Channel Select Mode	Registration Mode	Serving IP Group ID	Gateway Name	Contact User
1	1	Cyclic Ascending				
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Submit

Next is VoIP>GW and IP to IP>Routing>Tel to IP Routing

The Dest IP Address needs to be the address of the server software

The screenshot shows the AudioCodes MP-118 FXO configuration interface. The left sidebar contains a tree view with categories like Media, SIP Definitions, and Routing. The 'Routing' category is expanded, showing 'Tel to IP Routing' as the selected option. The main area displays the 'Tel to IP Routing' configuration page. At the top, there's a 'Routing Index' dropdown set to '1-10' and a 'Tel To IP Routing Mode' dropdown set to 'Route calls before manipulation'. Below this is a table with 10 rows and 10 columns. The first row is pre-filled with '1' in the 'Src. Trunk Group ID' column, '*' in 'Dest. Phone Prefix', '*' in 'Source Phone Prefix', '10.1.200.37' in 'Dest. IP Address', and 'UDP' in 'Transport Type'. The other rows are empty. The bottom right corner has a 'Submit' button.

Src. Trunk Group ID	Dest. Phone Prefix	Source Phone Prefix	Dest. IP Address	Port	Transport Type	Dest. IPGroup ID	Dest. SRD	IP Profile ID	
1	*	*	10.1.200.37		UDP	-1	-1	0	n/a
2					Not Configured	-1			
3					Not Configured	-1			
4					Not Configured	-1			
5					Not Configured	-1			
6					Not Configured	-1			
7					Not Configured	-1			
8					Not Configured	-1			
9					Not Configured	-1			
10					Not Configured	-1			

Next VoIP>GW and IP to IP>Routing>IP to Trunk Group Routing

The screenshot shows the AudioCodes MP-118 FXO configuration interface. The left sidebar is the same as the previous screenshot. The 'Routing' category is expanded, and 'IP to Trunk Group Routing' is selected. The main area displays the 'IP to Hunt Group Routing Table' configuration page. At the top, there's a 'Routing Index' dropdown set to '1-12' and an 'IP To Tel Routing Mode' dropdown set to 'Route calls before manipulation'. Below this is a table with 12 rows and 9 columns. The first row is pre-filled with '1' in the 'Dest. Host Prefix' column, '*' in 'Source Host Prefix', '*' in 'Dest. Phone Prefix', '*' in 'Source Phone Prefix', '*' in 'Source IP Address', '1' in 'Hunt Group ID', '0' in 'IP Profile ID', and '-1' in 'Source IPGroup ID'. The other rows are empty. The bottom right corner has a 'Submit' button.

Dest. Host Prefix	Source Host Prefix	Dest. Phone Prefix	Source Phone Prefix	Source IP Address	Hunt Group ID	IP Profile ID	Source IPGroup ID	
1	*	*	*	*	1	0	-1	
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Next VoIP>GW and IP to IP>Analog Gateway>FXO Settings
Change Dialing Mode to One Stage and Wait for Dial Tone to no

MP-118 FXO

Configuration Maintenance Status & Diagnostics

Scenarios Search

Basic Full

- RTP/RTCP Settings
- IPMedia Settings
- General Media Settings
- Analog Settings
- Media Security
- Applications Enabling
- Control Network
- SIP Definitions
 - General Parameters
 - Advanced Parameters
 - Account Table
 - Proxy & Registration
 - RADIUS Accounting Settings
- Coders And Profiles
 - Coders
 - Coders Group Settings
 - Tel Profile Settings
 - IP Profile Settings
- GW and IP to IP
 - Hunt Group
 - EndPoint Phone Number
 - Hunt Group Settings
 - Manipulations
 - Routing
 - General Parameters
 - Tel to IP Routing
 - IP to Trunk Group Routing
 - Alternative Routing Reasons
 - Forward On Busy Trunk
- DTMF and Supplementary
 - Analog Gateway
 - FXO Settings**
 - Authentication
 - Automatic Dialing
 - Caller Display Information

FXO Settings

Dialing Mode	One Stage	
Waiting for Dial Tone	No	
Time to Wait before Dialing [msec]	1000	
Ring Detection Timeout [sec]	8	
Reorder Tone Duration [sec]	255	
Answer Supervision	No	
Rings before Detecting Caller ID	1	
Send Metering Message to IP	No	
Disconnect Call on Busy Tone Detection (CAS)	Enable	
Disconnect On Dial Tone	Disable	
Guard Time Between Calls	1	
FXO AutoDial Play BusyTone	Disable	

Submit

Last VoIP>GW and IP to IP>Analog Gateway>Automatic Dialing
Destination Phone Number should start at 1000 and go down.
Auto Dial Status

- Enabled = MP Device will transmit Destination Phone Number to server software.
- Hotline = MP Device will pass DID from phone system to server software

MP-118 FXO

Configuration Maintenance Status & Diagnostics

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 - Hunt Group
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 - Alternative Routing Reasons
 - Forward On Busy Trunk
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 - FXO Settings
 - Authentication
 - Automatic Dialing**
 - Caller Display Information
 - Call Forward
 - Caller ID Permissions
 - Call Waiting

Automatic Dialing

Gateway Port	Destination Phone Number	Auto Dial Status
Port 1 FXO	1000	Enable
Port 2 FXO	1001	Enable
Port 3 FXO	1002	Enable
Port 4 FXO	1003	Enable
Port 5 FXO		Enable
Port 6 FXO		Enable
Port 7 FXO		Enable
Port 8 FXO		Enable

Submit