Aastra Configuration Guides

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Aastra IP phone Configuration Guides

This guide is applicable to Aastra (67)30i, (67)31i, (67)39i, (67)51i, (67)53i, (67)55i, (67)57i.

Please note:

This guide has been tested for Aastra (67)57i with firmware version 2.6.0.1007. Be aware that different firmware versions may have different web interface formats and functionality.

This guide will configure the IP phone with default configuration. If you are not sure about the configuration of your IP phone, please reset your phone.

Register Aastra IP phone with MyPBX manually

- Start up the phone and identify its IP Address using the menu key on the phone, go to the "Administrator Menu" option, key in your password (default password "22222"). Select "Network Settings" followed by "IP Address". For this example we will assume the IP Address of the phone is 192.168.5.126, and IP Address of the MyPBX System machine is 192.168.5.150.
- 2. Point your browser to the web interface of the phone: http://192.168.5.126
- Enter the login credentials (default username "admin"; default password "22222")
- 4. We need to set the phone to register with MyPBX System. Click "Advanced Settings \rightarrow Line 1" tab, and configure as follows:
 - 1) In the "Basic SIP Authentication Settings" section:

Configuration Line 1

Basic SIP Authentication Settings	
Screen Name	Aastra 57
Screen Name 2	
Phone Number	500
Caller ID	500
Authentication Name	500
Password	•••
BLA Number	
Line Mode	Generic 💌

Figure 1-1



- Set the "Screen Name" field to the name you want to appear on the phone display.
- Set the "Phone Number" field and the "Caller ID" to the extension number you want to associate with this phone
- Set the "Authentication Name" field to the extension's Authentication ID
- Set the "Password" field to the extension's Password
- 2) In the "Basic SIP Network Settings" section:

Basic SIP Network Settings	
Proxy Server	192.168.5.150
Proxy Port	5060
Backup Proxy Server	
Backup Proxy Port	0
Outbound Proxy Server	
Outbound Proxy Port	0
Registrar Server	192.168.5.150
Registrar Port	5060
Backup Registrar Server	
Backup Registrar Port	0
Registration Period	120
Conference Server URI	

Figure 1-2

- Set the "Proxy Server" field and the "Registrar Server" field to the IP of the server where the MyPBX System is installed.
- Set the "Proxy Port" field and the "Registrar Port" field to 5060(the default)
- 3) Go to the "Global SIP" page and scroll down to the "Directed Call Pickup Settings" section:

Directed Call Pickup Settings	
Directed Call Pickup	Enabled
Directed Call Pickup by Prefix	SETC 10
Play a Ring Splash	Enabled



4) We need to adjust audio parameters. Go to the "Global SIP" page and scroll down to the "RTP Settings" section:

RTP Settings	
RTP Port	10000
Force RFC2833 Out-of-Band DTMF	Enabled
DTMF Method	RTP
RTP Encryption	SRTP Disabled



Figure 1-4

- Set the "Force RFC2833 Out-of-Band DTMF" field to "Enabled"
- Set the "DTMF Method" field to RTP
- 5) Set the RTP Encryption field to Disabled if it's disabled On MyPBX Management Console, you can check it in the extension settings
- 6) Press "Save settings" to save configuration in current page.
- 7) Now we need to configure the phone to handle the paging functionality. Go to the "Preferences" page and scroll down to the "Incoming Intercom Settings" section:

Enabled
Enabled
Enabled
✓ Enabled

Figure 1-5

- Set the "Auto-Answer" field to enabled
- Set the "Microphone Mute" field to disabled
- Set the "Play Warning Tone" field to enabled
- Set the "Allow Barge In" field to enabled
- 5. Configuration is now complete please select "Restart" in the menu and click Restart. After rebooting, the phone will register with the MyPBX System. This can be verified via the "Line Status" page of the MyPBX Management Console.



Provisioning for MyPBX

1. Verify Firmware Installed on your Phone

Verify the firmware version currently installed on the "Status" page.

2. Plug phone into the network

Plug your Aastra IP phone into your LAN. (The Phone must be on the same LAN as that of MyPBX IP PBX).

3. Approve phone and Assign an Extension

To do provisioning with Aastra IP phones, you need to set MyPBX working as the only DHCP server any more.

Step1. Disable DHCP Server on your local network.

E.g. Disable DHCP Server on Linksys Router.

Setup Security Applications & Gaming Administration Status Basic Setup DDIS MAC Address Cone Advanced Routers Internet Setup DDIS MAC Address Cone Advanced Routers Optional Settings (required by some ISPs) Obtain an IP automatically The Basic Setup Screen is where basic configuration is evice Provides) will require that you enter the DDIS Basic Setup Screen is where basic configuration is evice Provides) will require that you enter the DDIS Network Setup Useal P Address: 192, 168, 1, 1 The Basic Setup Screen is where basic configuration is evice Provides) will require that you enter the DDIS The Basic Setup Screen is where basic configuration is evice Provides) will require that you enter the DDIS Network Address Server Settings (IMCP) Local IP Address: 192, 168, 1, 1 The Basic Setup Screen is where basic configuration is evice Provides) will avoid an and evice address is evice Provide at a moder passaved from the Address is evice Settings (IMCP) Deal IP Address is 192, 168, 1, 101 The Basic Setup Screen is where basic configuration	A Division of Cisco Systems, Inc.			Firmware Version: 1.04.08
Setup Security Applications Administration Status Basic Setup DDNS MAX_Address Clone Advanced Routing			Etherfast® C	able/DSL Router BEFSR41
Basic Setup DNS MAC Address Cone Advanced Routing Internet Setup Internet Connection Type Obtain an IP automatically I Image: Context of the setup setu	Setup	Setup S	Applications Administration	Status
Internet Setup Internet Connection Type Optional Settings (required by some ISPs) Host Name: Domain Name: MTU: Call P Address: 192 Itest Setup Network Setup Router IP Local IP Address: Subnet Mask: 255.255.0 Start IP Address: 192.168.1 Internet Connection Start IP Address: 192.168.1 Diff Def Address: 192.168.1 Start IP Address: 192.168.1 Start IP Address: 192.168.1 Notwork Setup Note: Start IP Address: 192.168.1 Note: Note: Note: Static DNS 1: 0 0 0 Note: Option Static DNS 1: 0 0 0 0 0 0 0 0 0 0 0 <tr< th=""><th></th><th>Basic Setup</th><th>DDNS MAC Address Clone Adv</th><th>anced Routing</th></tr<>		Basic Setup	DDNS MAC Address Clone Adv	anced Routing
Internet Solup Internet Connection Type Optional Settings (required by some ISPs) Host Name: Dmain Name: MTU: Enable IP Disable Size: 1500 Network Setup Router IP Local IP Address: 192, 168, 1, 1 Subnet Mask: 255.255.25.0 Server Settings (DHCP) Local IP Address: Internet Consection Name: Image: Number of Subnet Mask: Server Settings (DHCP) Local IP Address: Ist IP Address: 192, 168, 1, 10 Number of 50 Mumber of 50 Madress: 192, 168, 1, 100 Number of 50 Marker Setup Static DNS 1; Distatic DNS 1; 0, 0 Static DNS 2; 0, 0 Static DNS 3; 0, 0 WNS; 0, 0 WNS; 0, 0 Static DNS 3; 0, 0 Nore St				
Internet Connection Type Obtain an IP automatically ♥ Optional Settings (required by some ISPs) Host Name: Domain Name: MTU: The Basic Setup screen is where basic configuration is performed. Some ISPs (futurent Service Providers) will require that you enter the DNS information. These settings can be obtained from your SP. After the DNS Network Setup MTU: Enable ● Disable Size: 1500 Network Setup Local IP Address: 192, 168, 1, 1 Network Address Server Settings (DHCP) Local IP Address: 192, 168, 1, 100 Number of Address: 192, 168, 1, 100 Number of Address: 192, 168, 1, 100 Stati IP Address: 192, 168, 1, 100 Number of Address: 192, 168, 1, 100 Stati DNS 1: 0, 0, 0, 0 Stati DNS 2: 0, 0, 0, 0 Stati DNS 3: 0, 0, 0, 0 WNS: 0, 0, 0, 0 WNS: 0, 0, 0, 0	Internet Setup			Basic Setup
Optional Settings (required by some ISPs) Host Name: Domain Name: MTU: Image: Some ISPs Performed. Some ISPs (Setting the DNS Information. These settings can be obtained from your SP. After the DNS Information. These settings can be obtained from your SP. After you have configured these settings, you should set a router personvort from the Administration->Management settings (DHCP) Network Address Server Settings (DHCP) Local IP Address: 192.168.1.10 Number of Address: 192.468.1.100 Staft IP Address: 192.468.1.100 Number of Address: 50 Staft IP Address: 192.468.1.100 Staft IP Address: 192.468.1.100 Staft IP Address: 192.468.1.100 More_: More. More. More.	Internet Connection Type	Obtain an IP aut	tomatically 💙	The Basic Setup screen is
Network Setup Router IP Local IP Address: Subnet Mask: 255.255.255.0 Local DHCP Server: Completing the Internet Setup Server Settings (DHCP) Start IP Address: 192.168.1.100 Number of Address: 192.168.1.100 Number of Address: 192.168.1.100 Number of Sate: Start IP Address: 192.168.1.100 to 192.168.1.149 Client Lease Time: Immutes (0 means one day) Static DNS 3: Static DNS 3: Immutes (0 means one day)	Optional Settings (required by some ISPs)	Host Name: Domain Name: MTU:	C Enable Size: 1500	where basic configuration is performed. Some ISPs (Internet Service Providers) will require that you enter the DNS information. These settings can be obtained from your ISP. After you have confourced these
Iletwork Address Server Settings (DHCP) Local DHCP Server: © Enable © Disable secton is all that is required to secton for your specific EP. Pease look at the table below to Adress: Dio DHCP Address: 100 Morea: Dio Client Lease Time: minutes (0 means one day) Static DNS 1: 0, 0, 0, 0 Static DNS 2: 0, 0, 0, 0 WINS: 0, 0, 0, 0	Network Setup Router IP	Local IP Address: Subnet Mask:	192.168.1 255.255.255.0	settings, you should set a router password from the Administration->Management screen. Completing the Internet Setup
Address: 50 DHCP Address: 192.168.1.100 to 192.168.1.149 Range: 192.168.1.100 to 192.168.1.149 Clent Lease Time: 0 More 0 Static DNS 1: 0 0 0 Static DNS 2: 0 0 0 Static DNS 3: 0 0 0 WINS: 0 0 0 0 0 0 0 0 0 WINS: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Network Address Server Settings (DHCP)	Local DHCP Server: Start IP Address: Number of	Enable Disable	section is all that is required to set up for your specific ISP. Please look at the table below to configure the Router for your Internet connection.
Static DNS 1: 0 0 0 Static DNS 2: 0 0 0 Static DNS 3: 0 0 0 WINS: 0 0 0		Address: DHCP Address Range: Client Lease Time:	192.168.1.100 to 192.168.1.149	<u>More</u>
Static DNS 2: 0 0 0 0 Static DNS 3: 0 0 0 0 WINS: 0 0 0 0		Static DNS 1:		
Static DNS 3: 0 <		Static DNS 2:		
WINS: 0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.		Static DNS 3:		
Cisco Systems		WINS:		
Save Settings Cancel Changes			Save Settings Capcel Change	Cisco Systems attilitamentilitame

Figure 2-1



Step2. Enable DHCP Server on MyPBX.

Login MyPBX web interface, System Settings \rightarrow DHCP Server \rightarrow Enable DHCP Server.

MyPBX	Embedded Hybrid IP-PBX for Small Businesses
Status Monitor Basic 😵	DHCP Server DHCP Server
Internal Settings 🍣	DHCP is running Image: Constraint of the second sec
LAN Settings WAN Settings Static Route	Router : 192.168.5.1 Subnet Mask : 255.255.0
Firewall <u>DHCP Server</u> VLAN Settings	Primary DNS : 192.168.5.1
VPN Settings DDNS Settings	Secondary DNS : Allow IP Address From: 192.168.5.2
System Settings Reports 😵	To: 192.168.5.254
Yeastar	NTP Server:
	Save Cuncel

Figure 2-2

Step3. Configure phones on MyPBX Auto-Provision page.

1. Login MyPBX web interface, Basic \rightarrow Phone Provisioning \rightarrow Add Phone.

My PBX	Embedded Hybrid IP-PBX for Small Businesses						
	Phone Provisioning \$						
Basic *	Phone Provisioning						
Extensions	<u>General Settings for Yealink</u>						
Trunks Outbound Routes	General Settings for Aastra						
fRone frovisioning	Phone Book						
Inbound Call Control	Configured Phone						
IVR Queues	+ Add Fhone + Add Bulk Phones Configure the Selected Phones						
Custom Prompts	📄 ID MAC Address Manufacturer Phone Type Name Extension Enabled						
Ring Groups	🔲 1 00041329EBE1 Snom snom360 Sandy 501-500 Yes 🕥Edit 🗶 Delete						
Blacklist	Not Configured Phone						
Internal Settings 💐	Configure the Selected Phones Refresh						
Network Settings 🛛 🕹							
System Settings 🛛 😻	Mac Address List						
Reports 😵							
	Upload a file						
7 Yeastar	# Name Options						

Figure 2-3



2. Fill in the phone detail message on the pop-up windows.

Input IP Phone's MAC address, Name, Manufacturer, Call waiting, Line, Extension and so on for the phone.

Enabled:	Yes	~						
MAC Address:	00085d2de080)			Name:	Jane		
Manufacturer:	Aastra	~		Pho	ne Type:	6757i	~	
Call Waiting:	Enabled	*		Pho	ne Book:	Enabled	*	
ne								
Line 1	Extension:		506	*		Label:	506	
Line 2	Extension:			~		Label:		
Line 3	Extension:			~		Label:		
Line 4	Extension:			\mathbf{v}		Label:		
Line 5	Extension:			V		Label:		
Line 6	Extension:			~		Label:		
Line 7	Extension:			\sim		Label:		
Line 8	Extension:			~		Label:		
	Extension:			~		Label:		

In this case, Aastra 6757i IP phone's MAC address is 0085D2DE080

Figure 2-4

Step4. Save the settings and reboot the IP phone. After you save the changes, system will prompt you to save the changes and reboot to save changes without rebooting. Click OK to reboot the IP phone and provisioning the phone.

Are you sure to reboot the phone now? Click 'OK' to save the changes and reboot; click 'Cancel' to save the changes without rebooting.

Figure 2-5

Note: You need to reboot IP phone manually to apply the configuration take effect. When done, you can find the account 506 is registered in MyPBX and IP Phone.



Remark: The factory default setting of DHCP for IP Phone is "enable", so you can skip this step to step 5.

If the DHCP is disabled, please follow below step to enable it.

- 1. Login IP phone's web page. Go to "Advanced Settings \rightarrow Network" page.
- 2. Enable DHCP.

			6757i
			Log Off
Status System Information Operation	Network Settings		
User Password	Basic Network Settings		
Phone Lock	DHCP	Enabled	
Softkeys and XML	IP Address	0.0.0.0	
Keypad Speed Dial	Subnet Mask	255.255.255.0	
Reset	Gateway	1.0.0.1	
Basic Settings	Primary DNS	0.0.0	
Preferences	Secondary DNS	0.0.0	
Account Configuration	Hostname	57i00085D2DE080	
Network	LAN Port	Auto Negotiation	*
Global SIP	PC Port PassThru Enable/Disable	Enabled	
Line 1	PC Port	Auto Negotiation	*

Figure 2-6

Step5. Done.

<Finish>