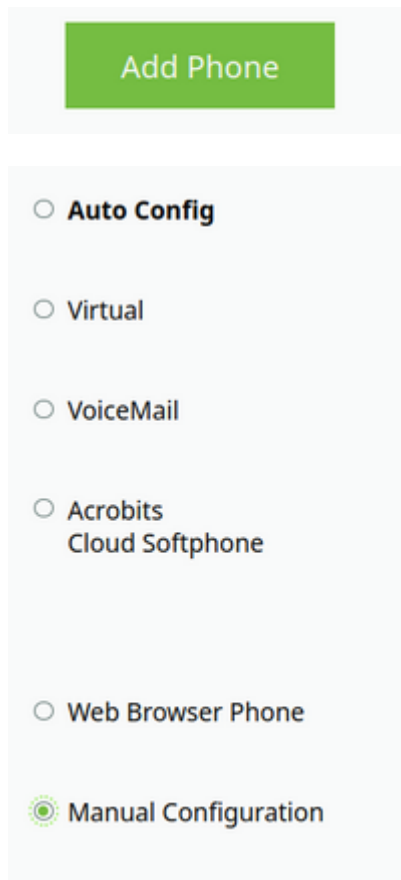


# SNOM PA1+ Manual Config

## SNOM PA1+



First, you will need to create a manual extension through the Ring-U portal. You can create a manual extension by clicking: **Configuration**, then **Extensions** and at the bottom of the extensions page click the green **Add Phone** button:




After creating your extension, give it a name and an extension number. You will dial this extension number to initiate a page. The manual extension will automatically generate a password. You will use the extension number and password for **Identity 1** in the next few steps:

Extension	<b>111</b>
Type	Human Config
Model:	Other

Basic	Advanced	Voicemail	Info
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Extension #	111	<input type="checkbox"/> Intercom Mode as 211
Secret/Password	CKDiQi835u2QZ25	copy
Name	SNOM	
Email 	Email Address for VoiceMails	
Time to Ring in Seconds	30 (recommended)	
If No Answer/Unavailable:	Voicemail	

Save/Update	Remove/Delete
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In another tab, log into the SNOM PA1+ by typing in its IP address into the address bar. You will need to be on a network that can communicate with the device.

Choose **Identity 1** on the left side of the screen. **Account** is the extension number for the manual extension you just created:



Click the **NAT** tab and set **Keepalive interval** to 15 and **Number of Initial Keep-Alives on RTP port** to 2.



Click the **Advanced** option on the left side of the screen, pick the **SIP/RTP** tab and page down to the bottom:



Enter a name for the paging group and its multicast address.

**Note:** The port number at the end of this multicast address corresponds to the group number you are configuring for paging. For example, this group is 502, so the port number is 2502, group 507 would be 2507. You can copy the full address directly by navigating in the portal to the group you are configuring and it will be listed in the top right where paging is enabled. See below:

## 502

Group Name/Label  
**Sales**

Use **502** for paging on supported phones.  
 Broadcasts at: 224.0.0.1:2502 UDP

Add **Sales** to caller id string before actual caller id

Cloud Server: Requires Algo, Snom or other Multicast Transmitter and bespoke manual config for broadcast paging.

Click **Identity 1** again on the left side of the screen, then click the **SIP/RTP** tab. Add the multicast address and port to the **Multicast relay address** box:

## Configuration Identity 1

SNOM

### Operation

Home  
Directory

### Setup

Preferences  
Speed Dial  
Function Keys  
Identity 1  
Identity 2  
Identity 3  
Identity 4  
Action URL Settings  
Advanced  
Certificates  
Software Update

### Status

System Information  
Log  
SIP Trace  
DNS Cache  
Subscriptions  
PCAP Trace  
Memory  
Settings  
Manual

Login
Features
SIP
NAT
RTP
Audio

### RTP Identity Settings

Codec:  ?

Packet Size:  ?

Filtered Codec List: g722, pcmu, pcma, gsm, g723, g726-32, aal2-g726-32, g729, telephone-event

Full SDP Answer:  on  off ?

Symmetrical RTP:  on  off ?

RTP Encryption:  on  off ?

RTCP Encryption:  on  off ?

Enable Mediasec:  on  off ?

Dynamic G.726 Payload:  on  off ?

G.726 Byte Order:  RFC3551  AAL2 ?

SRTP Auth-Tag:  AES-32  AES-80 ?

RTP/SAVP:  ?

Media Transport Offer:  ?

Media Transport Offer Setup:  ?

Multicast relay address:  ?

Click apply and the paging group should be ready to use by dialing the extension number. To configure another group, repeat this process with another manual extension and use Identity 2 through 4 to configure it.

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Last update: **2025/02/14 19:21**