

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:

The image shows a green button labeled "Add Phone" at the top. Below it is a list of configuration options, each with a radio button:

- ☐ Auto Config
- ☐ Virtual
- ☐ VoiceMail
- ☐ Acrobats
Cloud Softphone
- ☐ Web Browser Phone
- ☒ Manual Configuration

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	111
Type	Human Config
Model:	Other

Basic

Advanced

Voicemail

Info

Extension #
111

☐ 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

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



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: g722,pcmu,pcma,gsm,g723,g726-32 ?

Packet Size: 20 ms ?

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: Off ?

Media Transport Offer: UDP ?

Media Transport Offer Setup: active ?

Multicast relay address: 224.0.0.1:2502 ?

Apply

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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