

SNOM PA1+ Manual Config

[SNOM PA1+](#)

[SNOM Manual](#) - pages 11 & 17 cover setup.



STEP 1

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 rectangular button with the text "Add Phone" in white, centered on the button. The button is set against a light gray background.



STEP 2

Give the extension a name and an extension number and click **Save/Update**.

IMPORTANT: The settings in the red boxes below are only used for this example. When you create your own extension manually, the information highlighted in the red box is **UNIQUE** to you.



STEP 3

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.

DO NOT USE THE SETTINGS LISTED IN THE EXAMPLE FROM STEP 2. Use the settings from the manual extension you just created. Each manual extension has its own **unique** settings.

Box 1: This is the name you gave your extension. In our example, the extension was named SNOM PA, yours may be different.

Box 2, 6, and 7: Enter the extension number in this box. In the example, our extension was 222, yours may be different.

Box 3: Enter the Auth Password from your manual extension. We recommend copying and pasting this password into the box.

Box 4 and 5: Enter the SIP server information in this box. It is usually in the format of ruXXXX.ring-u.net, where XXXX is your Ring-U account number.



STEP 4

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



Multicast Paging Setup

STEP 1

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

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.

Group Name/Label

Sales

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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