Manuals+ — User Manuals Simplified.

snom PA1 plus Public Address System Installation Guide

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Contents

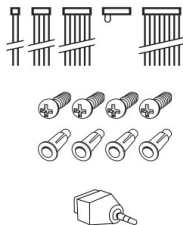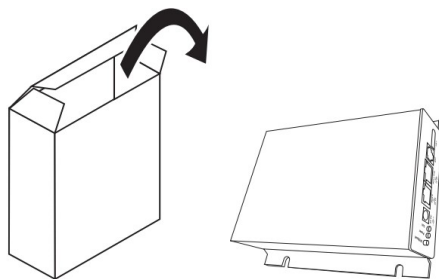## Public Address System

Delivery content

Wall mounting

110 mm (4.331")

121 mm (4.764")

121 mm (4.764")

110 mm (4.331")
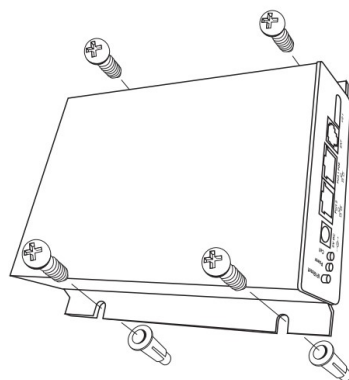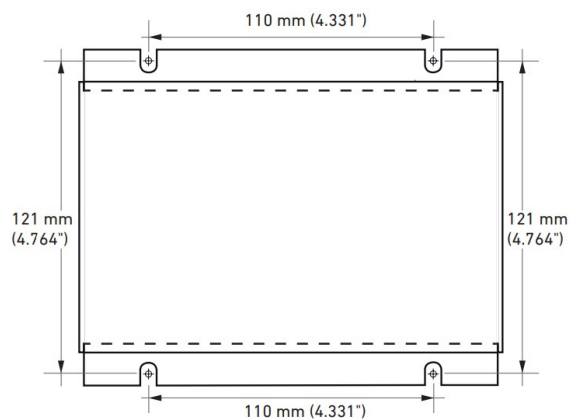
Connecting

Low impedance connection (ex. 4–32 Ohm)

IP/Reset Power Call 5V DC Port 2 Port 1 POE EXT I/O 1

VDD I/O 2 KBD Speaker Mic-In Line Out 600 Ohm O/P

− +
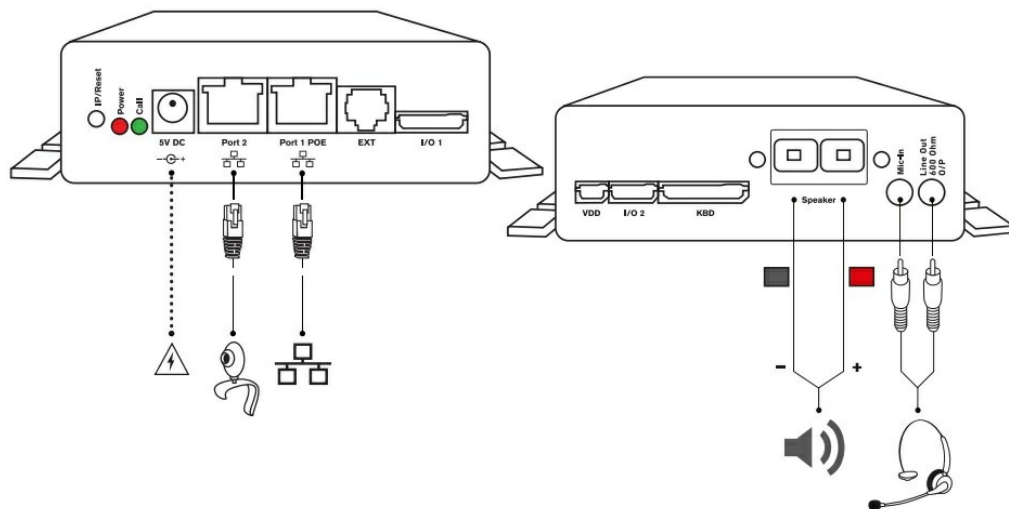
600 Ohm load connection
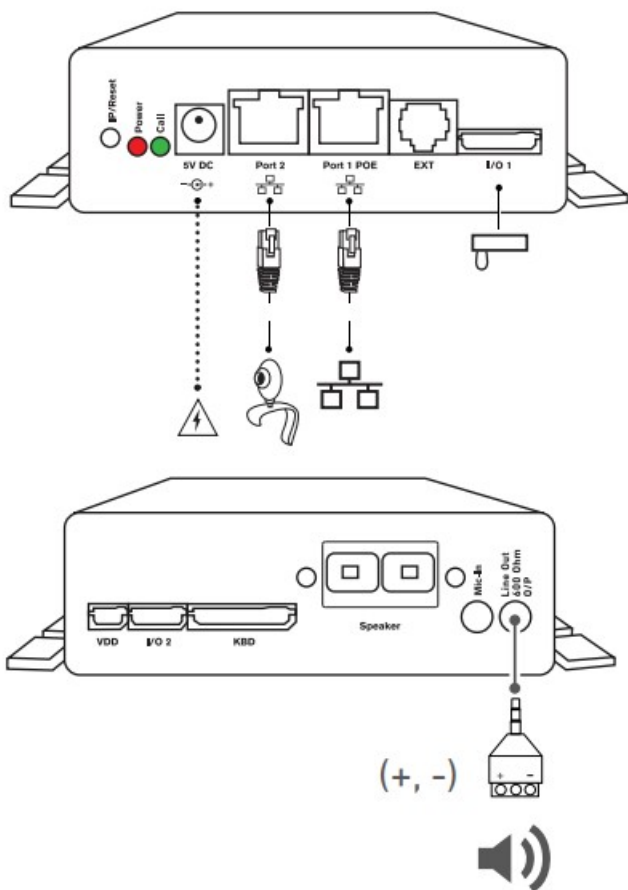
⚠ If PoE not available

Initializing

Power   Call

Red   Green
LED   LED

Connect the device | On | Off

Sending DHCP request | Blinking | Off

Network with DHCP   **Network without DHCP**

Press the "IP/Reset" button

Application starts with the settings received from the server (IP address, net-mask etc.)   Application starts with the default IP adress and netmask | On | Off

Web interface available   Web interface available | On | On

Press the "IP/Reset" button to listen to the announce-ment of the IP address   Default IP adress: 192.168.0.2 - it can also be listened to by pressing the "IP/Reset" button

Open the web interface   Open the web interface

snom PA1+ Not secure 192.168.1.7   snom PA1+ Not secure 192.168.1.7

Advanced > Network:
DHCP: Off
Change settings "IP address" and "Netmask"

Click on "Apply" and "Save"

"Apply setting changes?" Click on "Reboot" and con-firm by clicking on "Yes"

PA1 reboots. After reboot:

Register the first account

① Configuration Identity 1

② Apply Re-Register
   Remove Identity Remove All Identities

③ Some settings are not yet stored permanently. Save View Changes

Account registered | Off | On

Copyright, Trademarks, Legal Disclaimers

All product specifications are subject to change without notification. Snom Technology GmbH reserves the right to revise and change this document at any time, withoutbeing obliged to announce such revisions or changes beforehand or after the fact.

Although due care has been taken in the compilation and presentation of the information in this document, the data upon which it is based may have changed in the meantime. Snom therefore disclaims all warranties and liability for the accurateness, completeness, and currentness of the information published, except in the case of intention or gross negligence on the part of Snom or where liability arises due to binding legal provisions.

Important Information
Please read the instructions on safety and disposal and on how to set up and use the device before using it and also give them to other users to read or inform those users of their contents.

The nameplate is located at the bottom or rear of the product.

Safety Instructions

- Warning: The product included (ITE) in this manual is to be connected only to PoE networks without routing to the outside plant.
- The socket outlet for the power adaptor must be near the equipment and easily accessible.
- Mount the device only at heights not exceeding 2m.
- If the device is not supplied with power via the Ethernet cable, use only a power adapter expressly recommended by Snom. Other power supplies may damage or destroy the device, affect its behavior, or induce noise.
- Avoid placing the cables where people may trip over them or where they may be exposed to mechanical pressure as this may damage them.
- This device is for indoor use only! NOT FOR OUTDOOR USE!
- Do not install the device in rooms with high humidity (for example, in bathrooms, laundry rooms, damp basements). Do not immerse the device in water and do not spill or pour liquids of any kind onto or into the device.
- Do not install the device in surroundings at risk for explosions (paint shops, for example). Do not use the device if you smell gas or other potentially explosive fumes.
- Do not use the device during thunderstorms.

Lightning striking the power grid may cause electric shocks. SELV (Safety Extra Low Voltage) Compliance Safety status of input/output connections comply with

SELV requirements.
Warning: To avoid electric shock, do not connect safety extra-low voltage (SELV) circuits to teledevice network voltage (TNV) circuits. LAN ports contain SELV circuits, and PSTN ports contain TNV circuits. Some LAN and PSTN ports both use RJ-45 (8P8C)connectors. Use caution when connecting cables.

Standards conformance

This device complies with the essential health, safety, and environmental requirements of all relevant European directives and UK legislation.

The declaration of conformity can be downloaded at **https://www.snom.com/conformity.**

Important additional information for the USA

FCC part 15
This device complies with Part 15 of the FCC rules.

Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to

Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at the user's expense.

WARNING: Changes or modifications to this equipment not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Unauthorized opening, changing, or modifying the device will cause the warranty to lapse and may also result in the loss of CE conformity and FCC compliance. In case of malfunction contact authorized service personnel, your seller, or Snom .

- **Safety:** IEC 62368-1
- **Connectors:**
    - 2 x RJ45 (Ethernet): 1x LAN/PoE, 1x PC, camera, etc.
    - 1 x 5V DC coaxial power connector
    - 2 push-on speaker connectors
    - 2 x 3.5 mm headset connectors (mic in/line out) for installation and maintenance purposes only
    - 4 I/O pin ports for controlling connected devices via web interface or DTMF
- **Amplifier:** Class D, 6.5W (loudspeaker not included)
- **Ethernet:** 2 x IEEE 802.3, 1 Gigabit switch
- **Power over Ethernet (PoE):** IEEE 802.3af, Class 3
- **Power:** PoE or, if PoE not available, a separately available power adapter (not included):

EU, UK: Mass Power, model NBS12E050200UV, Snom PN 00004570

U.S.A., Canada: VTPL, model VT07EUS05200

Disposal of the device

This device is subject to European Directive 2012/19/EU and may not be disposed of with general household garbage. If you do not know where to dispose the device at the end of itslifespan, contact your municipality, local waste management provider, or vendor.

Cleaning
To clean the device, use an anti-static cloth. Please avoid cleaning liquids as they might damage the surface or internal electronics of the device.

Wall mounting

Note: The Ethernet cable must not be bentto avoid damage and loss of the network connection. We recommend that you place the PA1+ so that the PoE connector is facing toward the LAN port in your network.

1. Use the measurements in Fig. B to mark the positions of the four holes to be drilled in the wall.
2. Drill the holes and insert the expansion anchors in the holes.
3. Place the PA1+ on the wall with the cut-outs above the anchors.
4. Place the screws in the anchors and tighten them evenly.

Connecting the device: See Fig. C.
Initializing: See Fig. D.

For more information see **https://service.snom.com.**

Documents / Resources
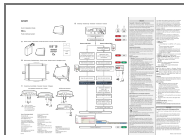
	snom PA1 plus Public Address System [pdf] Installation Guide PA1, PA1 plus Public Address System, PA1 plus, PA1 plus Address System, Public Address System, Address System

References

- **() Snom Service Hub - Snom Service Hub - Snom Service Hub**
- **() Declaration of Conformity - Snom Service Hub - Snom Service Hub**

Manuals+,