

## C620



DECT



Power over Ethernet (PoE)



Superior wideband sound

### C620 - discover true independence and flexibility

True to our work-from-anywhere strategy, the C620 expands our range of advanced solutions and offers maximum independence and the highest audio quality for professional telephone meetings from (almost) anywhere. With DECT technology for a completely wireless conferencing experience, this solution finally puts an end to the usual cable chaos on and under meeting tables. It offers users the opportunity to turn

virtually any room into a conference room. The system includes a SIP-DECT base station with a built-in hands-free telephone, one fixed and two wireless microphones as well as a docking station for charging the conference unit. The portable, wireless microphones are conveniently charged via the integrated charging slots.

## Basics

- Product information
  - Conference phone (DECT) | Base station (DECT/IP) | PN **00004617**
  - Colour: black
- Placement: indoor, desktop
- Equipment: Two detachable DECT wireless microphones with a range of up to 50 metres

## Dimensions and weight

- Conference phone (DECT)
  - Dimensions (L × W × H, approx.): 269 mm × 282 mm × 59 mm
  - Weight (approx.): 1.5 kg

## Display and indicators

- Conference phone (DECT): Display
  - LCD, 158 × 57 pixel, monochrome, graphical, backlit (blue / white), 4 lines
- Base station (DECT/IP): 2 LED indicators
  - Power status indication: 1 green LED
  - VoIP status indication: 1 green LED
- Conference phone (DECT): 3 LED indicators
  - Multi-purpose status indication: 3 multicolour LEDs
- Wireless microphones (DECT): 2 LED indicators
  - Mute status indication: 2 green LEDs

## Keypad and function keys

- Base station (DECT/IP): 2 hard keys in total
  - Reset, Link
- Conference phone (DECT): 27 hard keys in total
  - 3 context-sensitive function keys
  - 12 keys (standard ITU telephone keypad)
  - 4-way navigation key
  - 3 dedicated audio keys: Mute, Volume + / -
  - 5 dedicated function keys: Hold, Cancel, Menu, Ok, Onhook / offhook
- Wireless microphones (DECT): 2 hard keys in total
  - Mute (with green LED), (with red LED)

## Audio devices, codecs and features

- Conference phone
  - Casing microphone
    - Pickup range: 2.4 m, omnidirectional
  - 2 wireless microphones (DECT)
    - HD audio
  - Casing speaker: Full-duplex hands-free talking, HD audio
- Base station
  - Audio codecs: G.711 (A-law,  $\mu$ -law), G.722, G.726, G.729ab
  - Dual-tone multi-frequency signalling (DTMF / RFC2833): SIP-INFO, in-band, out-of-band
- Related features
  - Built-in assignable ringtones
  - Comfort Noise Generator (CNG)
  - Packet loss concealment (PLC)
  - Adaptive jitter buffer
  - Echo suppression

## Interfaces and connections

- Power options
    - Base station (DECT/IP)
      - [Power over Ethernet \(PoE\)](#): IEEE 802.3af, class 3
      - Power adapter:<sup>1</sup> 100 - 240 V AC, 50 - 60 Hz | 5 V DC (SELV), 2 A, 10 W
    - Conference phone (DECT)
      - Battery: Ni-MH, 7.2 V, 4,000 mAh, rechargeable, replaceable, up to 24 h narrowband talk time, up to 12 h wideband talk time, up to 28 days standby time, up to 6 h charging time
    - Charging dock
      - Power adapter: 100 - 240 V AC, 50 - 60 Hz | 12 V DC (SELV), 3 A, 36 W
    - Wireless microphones (DECT)
      - Battery: Ni-MH, 2 × 2.4 V, 400 mAh, rechargeable, up to 24 h narrowband talk time, up to 12 h wideband talk time, up to 28 days standby time, up to 8 h charging time
  - Wired interfaces
    - Base station (DECT/IP)
      - Power adapter: coaxial power connector (socket)
      - Ethernet 10/100 Mbit/s: RJ45-8P8C socket
    - Charging dock
      - Power adapter: coaxial power connector (socket)
  - Wireless interfaces
    - DECT
- [Automatic configuration via provisioning](#)
    - Loading of settings and firmware via HTTP, HTTPS, FTP, TFTP
    - Supported DHCP provisioning options 66, 159, 160
    - [Secure Redirection And Provisioning Service \(SRAPS\) support](#)
    - Plug & Play (PnP) support
    - Regular or weekly settings synchronisation
    - Password-protected configuration files
    - Provisioning file with AES encryption
  - Localization
    - [Languages](#): English (US / UK), German, Spanish (US / EU), French (US / EU), Italian, Dutch, Portuguese, Greek, Polish, Russian, Turkish
    - Time zone, dial tone
  - Related features
    - Software upgrade over the air (SUOTA)

## User interfaces and setup

- [Configuration and setup via menu-driven phone user interface \(PUI\)](#)
- [Configuration and setup via menu-driven web user interface \(WUI\)](#)

## Networking technologies and protocols

- DECT
  - Frequency band (EMEA): 1,881 - 1,897 MHz
  - Up to 50 m indoor range
- Network technologies
  - [OpenVPN](#), [VLAN \(IEEE 802.1pq\)](#), [NAT-T \(Keep Alive & Public IP masquerading\)](#)
- VoIP related protocols and techniques
  - [SIP](#), [SDP](#), [RTP](#), [RTCP](#), [STUN](#)
- Secure VoIP protocols
  - [SIPS \(SIP over TLS\)](#), [SRTP](#)
- Network protocols
  - IPv4 / IPv6 (dual stack), [DNS](#), [DHCP](#), [LDAP](#), [LLDP-MED](#), [HTTP](#), [FTP](#), [TFTP](#), [SNTP](#)
- Secure network protocols
  - [TLS](#) , [HTTPS](#), [IEEE 802.1X support](#)
- Remote management protocols
  - [TR-069](#)
- Quality of Service (QoS)
  - ToS, DiffServ
- Related features
  - Mutual TLS authentication
- Call barring/blocking: [Do Not Disturb \(DND\) mode](#) | [anonymous calls](#) | [deny list](#)
- [Call diversion](#)
- [Blind call transfer](#) | [Attended call transfer](#)
- [Call pickup](#)
- Connected call features
  - Mute function on the telephone and microphones
  - Hold | [Music on hold](#)
  - [Call park / unpark](#)
  - [2+1 local conferencing](#)
  - [N-way network conferencing](#)
  - [Call timer \(call duration\)](#)
- Related features
  - [Phone book matching for incoming and outgoing calls](#)
  - [Shared Call Emulation](#)
  - [Call history lists: up to 200](#)

## Directory support and call features

- 3 SIP identities / accounts
- Directory support
  - [Local directory with up to 200 entries](#)
  - [Central directory on the base station with up to 1,000 shared entries](#)
  - [LDAP \(server-based directory\)](#)
  - [XML phonebook support](#)
- Outgoing call features
  - Up to 2 simultaneous calls
  - [Speed dialling](#)
  - [Local dial plan](#)
  - [Caller identification \(CLIP\)](#)
  - [Calling Name Identification Presentation \(CNIP\)](#)
- Incoming call features
  - [Call waiting/swapping](#)

## Interoperability

- Interoperable with all major IP-PBX platforms
- [Certified VoIP partner](#)

## Environmental conditions

- Operating ambient temperature: 0 °C - 35 °C
- Nonoperating (storage) temperature: -10 °C - 45 °C
- Humidity (non-condensing): 5 % - 85 %

## Package contents

- Hardware
  - DECT base station | Ethernet cable
  - Conference phone (DECT) | Charging dock | Power adapter | 2 wireless microphones (DECT) | 3 batteries
- Documentation
  - [Quick Installation Guide](#)

## Snom accessories and compatible devices

- Wireless conference speakerphone (DECT)
  - Up to 2 × [C52-SP \(PN 00004357\)](#)

<sup>1</sup> Available separately □ If PoE is not available

## Series overview



C620



C520



C52-SP



C300

## Disclaimer

Further information: [Snom website](#) | [Snom Service Hub](#) | [Type approval](#) | [Warranty information](#)

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