

C620



DECT



Single-cell system



Power over Ethernet (PoE)



Security (TLS & SRTP)



Superior wideband sound



OTA Updates

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.

Product variants



C620 | EU & UK | PN 00004617



C620 | Americas | PN 00004407

Basics

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

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): 1 hard key in total
 - 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 ALL* → Mute
 - Volume + / -
- 5 dedicated function keys:
 - Hold
 - Cancel
 - Menu
 - Ok
 - *TALK/OFF* → Onhook / offhook
- Wireless microphones (DECT): 2 hard keys in total
 - Microphone 1/2: Mute (with green LED)

Interfaces and connections

- Power options
 - Base station (DECT/IP)
 - **Power over Ethernet (PoE):** IEEE 802.3af, class 3
 - Power adapter:¹ 100 - 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)
 - Network connectivity: RJ45-8P8C socket → Ethernet 10/100 Mbit/s
 - Charging dock
 - Power adapter: coaxial power connector (socket)
- Wireless interfaces
 - DECT³
- Casing speaker: Full-duplex hands-free talking, HD audio
- Base station
 - Audio codecs: G.711 (A-law, μ -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

Audio devices, codecs and features

- Conference phone
 - Casing microphone
 - Pickup range: 2.4 m, omnidirectional
 - 2 wireless microphones (DECT)
 - HD audio

User interfaces and setup

- Configuration and setup via menu-driven phone user interface (PUI)
- Configuration and setup via menu-driven web user interface (WUI)
- 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)
- Incoming call features
 - [Call waiting/swapping](#)
 - 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 Emulation²
 - 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)

Networking technologies and protocols

- DECT³
 - Frequency band (EMEA): 1,881 - 1,897 MHz
 - Frequency band (US): 1,920 - 1,930 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

Interoperability

- Interoperable with all major IP-PBX platforms

¹ Available separately → If PoE is not available

² Shared Call Emulation: Snom's unique PBX feature emulation for line, hold/unhold and call pick-up

³ DECT devices manufactured for the USA and Canada are marketed as DECT 6.0

- 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 \(PN 00004357\)](#)

Series overview



C620



C520



C52-SP



C300

Disclaimer

Further information: [Snom C620 webpage](#) | [Snom Service Hub](#) | [Type approval](#) | [Warranty information](#) | [Company locations](#)

Snom, the names of Snom products, and Snom logos are trademarks owned by Snom Technology GmbH. All product specifications are subject to change without notification. Snom Technology GmbH reserves the right to revise and change this document at any time, without being 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.