Snom C520-WiMi

Flexible, wireless and cost-saving
conference call device



Snom C520-WiMi



Key features

- 2 detachable wireless microphones with charging cradles built into the telephone
- 1 integrated hands-free microphone
- Bluetooth connectivity
- Wideband audio
- Flexible to use
- Allows for up to three C52-SP hands-free units to be connected

The Snom C520 is a modern yet cost-efficient solution for conference calls aimed at professionals and companies of all sizes.

Thanks to the application of modern DECT and Bluetooth technology, the C520 is the perfect tool for professional collaboration. This conference-call device is fitted with three advanced microphones, one of which is integrated in the telephone along with a high-performance Full-Duplex loudspeaker. Additionally, two DECT microphones can be conveniently detached and placed at a distance.

Each of the C520's microphones features dynamic noise cancellation, adaptive feedback control and HD-quality audio which is guaranteed even in large spaces and with numerous participants. In order to allow for the best possible coverage, the microphones are capable of real-time synchronisation based on their current position. Thanks to this technology, users can move around freely without having to worry about raising their voice in order to be heard, even in sizeable conference rooms.

Nowadays, connectivity is the most important factor in efficient collaboration. Hence, the C520 is fitted with a versatile Bluetooth interface to allow for connection with mobile phones and headsets.

In order to guarantee perfect coverage in any environment, the C520 conference-call system can also be expanded: simply pair the telephone with C52 wireless hands-free units in order to quickly and easily increase its range.

Benefits

- Two detachable DECT wireless microphones with a range of up to 50 metres
- Full-duplex hands-free talking
- Wideband audio transmission
- Bluetooth connectivity for two devices, such as a mobile phone or a headset
- Mute function on the telephone and microphones
- Multi-coloured LEDs to indicate the status
- Perfect for home-offices, small companies and multi-room conference calls
- Can be expanded with up to three C52-SP [1] wireless hands-free units

Firmware

Features

- 3 SIP identities/accounts
- Call lists for dialled, received and missed calls with 200 entries
- Local directory with 200 entries
- Multiple language support
- DTMF in-band / out-of-band and SIP-INFO
- Interoperable with all major IP PBX platforms

Call features

- Speed dialling
- Local dial plan
- Call waiting
- Call blocking (automatic denial)
- Hold
- Call transfer
- Call forwarding synchronised with the server, do not disturb mode (DND)
- CLIP, CLIR
- Conference calling with three participants

Setup

- Configuration via web interface
- Provisioning:
  - PnP
  - Automatic loading of settings via HTTP/HTTPS/TFTP
  - Regular or weekly settings synchronisation
  - DHCP Options 66, 159, 160
  - Snom secure redirection service
- ·Password-protected configuration files

Specifications

Protocols

- SIP (RFC3261)
- DHCP, (S)NTP
- HTTP / HTTPS / TFTP
- STUN
- LDAP (server-based directory)
- XSI (server-based directory)

Audio

- Codecs:
  - G.711 A-law, µ-law
  - G.722 (wideband)
  - G.726
  - G.729
- Echo suppression
- CNG (Comfort Noise Generator)
- Automatic gain control (AGC)

User interface

- Graphical backlit display (158 x 57 pixels)
- Localization (language, time zone, dial tone)
- 3 context-sensitive keys
- LED status lights (call, mute, Bluetooth, etc.)
- Microphone: mute function on telephone or microphones
- Volume key
- 4-way navigation key, Ok key and Cancel key
- Menu-driven user interface

Security

- 802.1X authentication (with automatic provisioning)
- Transport layer security (TLS)
- SRTP (RFC3711), SIPS, RTCP
- HTTPS
- Password-protected web interface and administration
- VLAN (IEEE 802.1Q)
- LLDP-MED

Hardware features

· ·Dimensions (approx.):
  · 269 x 282 x 59 mm (HxLxW)
· Weight (approx.): device 1.5 kg
· Input voltage: 12 V DC (SELV)
· Ethernet port: 10/100 MB
· Power supply: PoE or power adapter included
· Class 3 PoE
· Bluetooth connectivity for two external devices
· Bluetooth protocol:
  · HFP, HSP, A2DP, AVRCP
· Environmental conditions:
  · Ambient temperature: from -5°C to 45°C
  · Storage temperature: from -5°C to 60°C
  · Humidity: up to 95% (non-condensing)
· Included in delivery:
  · Conference-call device
  · 2 wireless DECT microphones with batteries
  · Power adapter
  · 2 Ethernet cables
  · Quick installation guide
· Colour: black
· Warranty: 2 years
· Part number: 00004356

Type approval

· CE mark
· Safety IEC 60950

(1) Optional accessory

Part numbers for optional accessories

00004357	C52-SP hands-free unit

Version 1.0.0 / de / 08 · 2017
Copyright 2017 Snom Technology GmbH. All rights reserved. Snom is a registered trademark of Snom Technology GmbH and its affiliates in the European Union, USA, Japan, China and certain other countries and regions. Unless specified otherwise, all trademarks, in particular product names, are legally protected trademarks of Snom Technology GmbH. Other mentioned trademarks or registered trademarks are the property of their respective manufacturers or owners. Product specifications are subject to change without notice. We do not accept liability for printing errors and mistakes. snom.com