

## C520 SIP Conference

Whether you run a small business from a home office, or collaborate in a large conference room, the Snom C520 SIP conference phone uses Bluetooth® and DECT 6.0 technology for frustration-free calls and meetings. The system serves as a personal workspace device, while replacing the need for a separate deskset and conference phone. Connect your cell phone, or pair a Bluetooth or DECT headset with the speakerphone for hands-free and/or private calls. The C520 can go beyond the office, and work in any-size conference room. The system—with one fixed built-in mic and two wireless mics can support nine or more active participants in a small conference room. Or, it can easily scale up with the accessory C52-SP DECT expansion speakerphone to handle 27 or more active participants. Now, you can clearly hear, and spread out and speak without shouting.



### C520 Key Features

#### Full-duplex speakerphone in base

Callers can speak and be heard at the same time, just as they would in a face-to-face meeting.

#### Flexibility

With support for up to three SIP lines/accounts, you can manage multiple calls with advanced call handling features.

#### Wireless expansion

Collaborating in a large conference room? Pair up to three C52-SP DECT Expansion Speakerphones to increase the volume and microphone pickup for 27 or more active participants.

#### Intuitive design

You're in business with a user-friendly interface, large backlit display, three soft keys and navigational pad.

#### Bluetooth connectivity for headset and mobile devices

Bluetooth enables hands-free calls and connectivity to headsets and mobile devices. Make and receive cellular calls on the speakerphone, or pair your favorite headset to the speakerphone for a private conversation.

#### HD voice quality

With G.722 wideband codec support for HD audio, calls have never sounded so rich and life-like.

#### DECT 6.0 wireless microphones

Portable, wireless microphones allow everyone to collaborate beyond the conference table.

#### Up to 12 hours of talk time per wireless microphone

With 12 hours of talk time for each microphone, you have plenty of room to keep the meeting going on one charge.

#### Up to 70 hours of standby time per wireless microphone

With up to 70 hours of standby time for each microphone, there's no need to worry about losing a charge mid-meeting.

#### Built-in wireless microphone charging bays in base

Magnetic charging bays in the base keep the microphones together and ready for the next call.

#### Operable in small, medium and large rooms

With a base speakerphone, one fixed and two wireless microphones, the C520 is a flexible solution for any size conference room.

#### 3-year standard warranty

Enjoy the peace of mind that comes with an industry-leading, standard three-year warranty.

#### Automatic gain control

- Digital mixing
- Volume Control: 10 levels

#### 3-way local conference

#### N-way network conference

#### Local phonebook up to 200 entries

#### Call history up to 200 entries

**Specifications, Weights and Dimensions**

- Color: GM (Gun Metal)
- APN: 80-S041-00
- UPC: 811819012685
- Product dimensions (WxDxH):  
Base: 10.59" x 11.10" x 2.32"  
Wi-Mic: 1.82" x 2.99" x 0.99"
- Product weight: 3.38 lbs.
- Giftbox dimensions (WxDxH):  
12.36" x 15.55" x 4.33"
- Giftbox weight: 4.89 lbs.
- Master pack dimensions (WxDxH):  
12.83" x 8.98" x 16.26"
- Master pack weight: 11.05 lbs.
- Quantity: 2

**Interface**

- DECT 6.0 RF module embedded
- DECT 6.0 (5 maximum registers): 2 wireless mics, 1 cordless headset VH621 and up to 3 expansion speakerphones C52-SP
- Bluetooth: 2 connections
- Bluetooth supported profiles: HFP(1.6), HSP(1.2), A2DP(1.2), AVRCP(1.4)
- Ethernet port: 10/100MB
- Base power: Class 3 Power over Ethernet (PoE) or included AC adapter

**Physical Features**

- 158 x 57 pixels (w x h) LCD resolution with backlight (white)
- 3 soft keys with 4-way navigational pad
- DECT 6.0 wireless microphones
- Built-in wireless microphone charging bays in base
- Includes two wireless microphones and one fixed microphones
- Active call indicator; green LED on base unit and wireless microphones
- Mute indicator; red LED on base unit and wireless microphones
- Wireless microphone battery-low indicator; flashing LED
- Wireless microphone auto power off; when base powered off
- Operable in small, medium and large rooms
- AC adapter required (included)

**Audio/Voice**

- Full-duplex speakerphone in base
- Fast adaptive feedback control
- Acoustic echo cancellation technology
- Comfort noise injection
- Enhanced noise reduction/Dynamic noise reduction (DNR)

- Automatic gain control
- Digital mixing
- Volume control: 10 levels

**Phone Features**

- Supports up to 3 SIP account registrations
- 10 ring tones/melodies; 10 ring levels
- 10 speed dial entries
- Pre-dialing with editing
- Local phonebook up to 200 entries
- Phonebook import/export
- LDAP/Broadsoft® remote phonebook
- Call history up to 200 entries
- Alpha phone book search
- Number saving from CID log to phonebook or blacklist
- Do Not Disturb (DND)
- 3-way local conference
- N-way network conference
- Call barring/blocking (block anonymous/blacklist)
- Dial plan/digit map
- Caller ID
- Call transfer
- Call hold
- Call forwarding: per-line basis (busy/always/no answer)
- Call timer (call duration)
- Phonebook matching (incoming and outgoing calls)

**Customization**

- Soft key configuration
- Custom startup and idle logo
- Web interface configuration (admin & user)
- Custom default file

**Battery/Charging**

- Up to 70 hours of standby time per wireless microphone
- Up to 12 hours of talk time per wireless microphone

**Security**

- 802.1x
- 802.1pq
- Transport Layer Security (TLS)
- AES encryption of config file for provisioning (128/64/32/16 bits)
- LLDP-MED

**Network**

- STUN
- NAT
- RTP, SRTP
- SNTP
- VLAN
- Layer 3 QoS (ToS, Diffserv)

**Voice Codec**

- G.711 a-law & u-law
- G.722
- G.726
- G.729

**Provisioning**

- HTTP, HTTPS, FTP, TFTP
- DHCP Options: 66, 159,160
- Web interface configuration (admin & user)
- PnP

**Maintenance**

- Diagnostic: pcap trace
- Schedule Resync - time and day setting
- Syslog

**Compatibility**

- Broadsoft Broadworks®
- Asterisk-based platforms
- Metaswitch Networks

**Other**

- Eco mode (talk mode)
- 3-year standard warranty