

# M55



DECT



Shared Call Emulation (SCE)



Bluetooth



Anti-bacterial housing



Backlit keypad



Long standby time



Directory



OTA Updates



Belt clip

## Snom's DECT business all-rounder

Designed for scalable SMB environments, the M55 impresses with a robust design and feel. The generous 2.4" color display ensures a clear, well-arranged representation of the intuitive user interface. All settings can be made centrally via the M500 base station using zero-touch provisioning, software updates are done over-the-air. Proven PBX features such as line monitoring, call pickup,

hold/retrieve can be programmed very efficiently on the 6 LED line and function keys. Broadcast and intercom groups can also be saved at the push of a button. The powerful 1500 mAh battery allows up to 12 hours of talk time in HD audio quality. In addition to wired headphones, Bluetooth headphones are also supported.

## Product variants



M55 | EU | PN  
00004629



M55 | UK | PN  
00004630



M55 | Americas | PN  
00004526

## Basics

- Product information
  - DECT handset M55 | Charging cradle
  - Colour: black
  - Anti-bacterial housing
- Placement: indoor, desktop

## Dimensions and weight

- Dimensions (L x W x D, approx.)
  - 188 mm x 55 mm x 35 mm
- Weight (approx.)
  - Handset & Battery & belt clip: 188 g

## Display and indicators

- Display
  - TFT liquid crystal display (LCD), highcolour, backlit
  - Size (diagonal): 2.4" (61 mm)
  - Resolution: 240 x 320 pixel
- 9 LED indicators
  - Notification of missed calls | Message waiting indication (MWI): 1 red LED
  - Function key status indication: 6 dual-colour LEDs (red / green)
  - Audio key status indication: 1 red LED
  - Charging indication: 1 red LED on the charging cradle

## Keypad and function keys

- 31 hard keys in total
  - 12 keys (standard ITU telephone keypad), backlit

- 5-way navigation key
- 3 context-sensitive function keys
- 6 programmable function keys (with dual-colour LED)
- 3 dedicated audio keys
  - Speakerphone (with red LED)
  - Volume + / - (rocker)
- 2 dedicated function keys
  - Offhook
  - [Multicast paging](#)
- Keyboard lock

## Interfaces and connections

- Power options
  - Handset
    - Battery 3.7 V, 1,500 mAh, 5.55 W, lithium-ion, rechargeable, up to 240 h standby time, up to 19 h narrowband talk time, up to 12 h wideband talk time
  - Charging cradle
    - Power adapter: 100 - 240 V AC / 50 - 60 Hz / 300 mA | 5 V DC / 2 A
    - USB powering via USB-A port/cable
- Wired interfaces
  - Headset: 3.5 mm miniature audio jack
- Wireless interfaces
  - DECT<sup>3</sup>
  - Headset (Bluetooth): [Bluetooth](#)

## Audio features

- Handset
  - Hearing aid compatible (HAC)
- Speakerphone mode
- Headset connectivity

## User interfaces and setup

- Configuration and setup via menu-driven phone user interface (PUI)
  - Languages: English, French, Italian, Spanish, German, Dutch, Greek, Russian
- Localization
  - Time zone, dial tone

## Directory support and call features

- Directory support
  - Local directory with up to 200 entries
  - LDAP (server-based directory)<sup>1</sup>
  - Central directory on the base station with up to 500 shared entries<sup>1</sup>
  - XML phonebook support<sup>1</sup>
- Outgoing call features
  - Speed dialling
  - Redial (via dialed calls list)
  - Caller identification (CLIP)
  - Intercom<sup>1</sup>
  - Multicast paging<sup>1</sup>
- Incoming call features
  - Call waiting/swapping
  - Auto answer
  - Call diversion
- Connected call features
  - Hold
  - Blind call transfer
  - Attended call transfer

- 2+1 local conferencing
- Call barging<sup>1</sup>
- Call park / unpark<sup>1</sup>
- Related features
  - Call history lists
  - Shared Call Emulation<sup>2</sup>
  - Extension monitoring (Busy lamp field), call pickup<sup>1</sup>
  - Paging zones<sup>1</sup>
  - Intercom groups<sup>1</sup>

## DECT technology and features

- Standard: DECT<sup>3</sup>
  - Authentication/encryption of base and handset
  - Seamless handover
  - Wideband audio
- Frequency band
  - Europe: 1,880 - 1,900 MHz
  - Americas 1,920 - 1,930 MHz
- Output power
  - Europe: < 250 mW
  - Americas: < 100 mW
- Coverage
  - Up to 50 m indoor range
  - Up to 300 m outdoor range
- Related features
  - Software upgrade over the air (SUOTA)
  - Auto registration when not registered
  - Date and time synchronization from base station

## Network technologies

- Bluetooth
  - Headset Profile (HSP)
  - Wireless range (approx.): 10 m

## Environmental conditions

- Operating ambient temperature
  - 0 °C - +40 °C

## Package contents

- Hardware
  - DECT handset M55
  - Battery
  - Charging cradle
  - Power adapter
- Documentation
  - [Quick Installation Guide](#)

## Snom accessories and compatible devices

- Base station [M500](#)
  - EU & UK: PN 00004628
  - Americas: PN 00004524
- Power adapter
  - EU: M55 PSU (PN 00004635)
  - UK: M55 PSU (PN 00004636)

<sup>1</sup> Function only available when paired to the M500

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

<sup>3</sup> DECT devices manufactured for the USA and Canada are marketed as DECT 6.0

## Series overview



M500



M55



M56



M58

## Disclaimer

Further information: [Snom M55 webpage](#) | [Snom Service Hub](#) | [Warranty information](#) | [Type approval](#) | [Company locations](#)

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