M55

DECT	Shared Call Emulation (SCE)	Bluetooth	Anti-bacterial housing	Backlit keypad	Long standby time	Directory	OTA Updates	Belt clip

M55 - 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.

snom

Product variants

M55 | EU | PN 00004629   M55 | UK | PN 00004630

Basics

- Product information
  - DECT handset
  - Colour: black
  - Anti-bacterial housing
- Placement: indoor, desktop

Dimensions and weight

- Dimensions (L x W x D, approx.)
  - 188 mm × 55 mm × 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 × 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, PFK page
- Keyboard lock

Interfaces and connections

- M55 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
  - 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
  - Timezone, dial tone

Directory support and call features

- Directory support
  - Local directory with up to 200 entries
  - LDAP (server-based directory)[1]
  - Central directory on the base station with up to 500 shared entries[1]
  - XML phonebook support[1]
- Outgoing call features
  - Speed dialling
  - Redial (via dialed calls list)
  - Caller identification (CLIP)
  - Intercom[1]
  - Paging[1]
- 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[1]
- Call park / unpark[1]
- Related features
  - Call history lists
  - Shared Call Emulation[2]
  - Extension monitoring (Busy lamp field), call pickup[1]
  - Paging zones[1]
  - Intercom groups[1]

DECT technology and features

- Standard: DECT
  - Authentication/encryption of base and handset
  - Seamless handover
  - Wideband audio
- Frequency band: 1,880 - 1,900 MHz
- Output power: < 250 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 (QIG)

Snom accessories and compatible devices

- Base stations
  - M500 (PN 00004628)
- Power adapter
  - EU: M55 PSU (PN 00004635)
  - UK: M55 PSU (PN 00004636)