M56

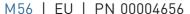| DECT	Bluetooth	Ruggedized handset	IP 67	Anti-bacterial housing	Alarm feature	Shared Call Emulation (SCE)	Backlit keypad	OTA Updates

Snom's workhorse DECT handset

Our ruggedized work-force handset M56 boasts a durable, dust-proof and water-resistant (IP67) construction. Its well-proportioned dimensions, rubberized grip case, large 2.4-inch color display, and glove-friendly key size make it ideal for hardworking users. The integrated flashlight proves useful in dark hard-to-reach areas. The in-built dead-man's function and an alarm button safeguard the personal safety of lone workers by triggering emergency alerts (SMS) or calls, either consciously or unconsciously. With all settings centrally managed by the M500, seamless compatibility with all M500 devices, 12 hours of talk time in HD audio quality, and Bluetooth headphones, the M56 is versatile for all applications.

Product variants

M56 | EU | PN 00004656

M56 | UK | PN 00004653

M56 | Americas | PN 00004654

Basics

- Product information
  - DECT handset
  - Colour: black
  - Anti-bacterial housing
  - Ingress protection code IP67 compliant
- Placement: indoor, desktop

Dimensions and weight

- Dimensions (L x W x D, approx.)
  - 167 mm × 59 mm × 32 mm
- Weight (approx.)
  - Handset | Belt clip | Battery: 222 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

- 32 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)
- 3 dedicated function keys
  - Offhook, Multicast paging, Alarm
- Keyboard lock

Interfaces and connections

- Power options
  - Handset
    - Battery 3.7 V, 1,350 mAh, 4.99 W, lithium-ion, rechargeable, up to 180 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-C port/cable
- Wired interfaces
  - Headset: 3.5 mm miniature audio jack
- Wireless interfaces
  - Base station: DECT[3]
  - Headset connectivity: Bluetooth

Audio devices and features

- Microphone | Casing speaker
  - Hearing aid compatible (HAC)
- External speaker
  - Speakerphone mode

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)[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]
  - Multicast 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[3]
  - Authentication/encryption of base and handset
  - Seamless handover
  - Wideband audio
- Frequency band
  - Europe: 1,880 - 1,900 MHz
  - Canada & USA: 1,920 - 1,930 MHz
- Output power
  - Europe: < 250 mW
  - Canada & USA: < 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

- DECT handset M56
- Battery
- Charging cradle
- Power adapter

Snom accessories and compatible devices

- Base stations
  - EU & UK: M500 (PN 00004628), white
  - USA: M500 (PN 00004524), black
- Power adapter
  - EU: M56 PSU (PN 00004635)
  - UK: M56 PSU (PN 00004636)
- Multi-charger base (Battery M56)
  - MC10 (PN 00004676)

[1] Function only available when paired to the M500

[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

Series overview

M500	M55	M56	M58

Disclaimer

Further information: Snom M56 webpage | Snom Service Hub | Warranty information | Type approval | Company locations

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