M56

| DECT | Bluetooth | Ruggedized handset | IP 67 | Anti-bacterial housing | Alarm feature | Shared Call Emulation (SCE) | 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 colour 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 (M250), seamless compatibility with all M5x devices, 12 hours of talk time in HD audio quality, and Bluetooth headphones, the M56 is versatile for all applications.

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Basics

- Product information
  - **DECT handset M56** | black | EU (PN 00004656), UK (PN 00004653)
  - Anti-bacterial housing
  - Ingress protection code IP67 compliant
- Placement: Indoor, desktop

Dimensions and weight

- Dimensions (L x W x D, approx.)
  - **DECT handset:** 167 mm × 59 mm × 32 mm
- Weight (approx.)
  - **DECT 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

- 3 context-sensitive function keys
- 5-way navigation key
  - Ok | Menu
- Programmable function keys
  - 6 programmable function keys (with dual-colour LED)
  - Right side: Function key
- 3 dedicated function keys
  - Alarm key on the top of the handset
  - Dial | Speakerphone (with red LED)
  - Onhook | Cancel | Power on / off
- 2 dedicated audio keys
  - Right side: Volume + / - (rocker)
- Keyboard lock

Interfaces and connections

- Power options
  - **DECT handset:** Battery 3.7 V, 1,350 mAh, 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: USB-A to USB-C cable
- Wired interfaces
  - Headset: 3.5 mm miniature audio jack
- Wireless interfaces
  - Network connectivity: DECT
  - BT headset via integrated 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
- Localisation
  - 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 dialled 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
- 3-way (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]

Network technologies

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

DECT technology and features

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

Environmental conditions

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

Package contents

- Hardware
  - **DECT handset M56**
  - Battery
  - Charging cradle
  - Power adapter
- Documentation
  - **Quick Installation Guide**

[1] Function only available when paired to the M500 / M250

Snom accessories and compatible devices

- Base stations
  - Single-cell installation: Bundle M256 (PN 00004791)
  - Dual-cell installation: M500 (PN 00004628)
- Power adapter
  - EU: M56 PSU (PN 00004635)
  - UK: M56 PSU (PN 00004636)
- Multi-charger base
  - Battery: MC10 (PN 00004676)

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

Series overview

| M253 | M256 | M250 | M500 | M53 | M55 | M56 | M58 |

Disclaimer

Further information: M56 webpage | Snom Service Hub M56 | Quick Installation Guide M56 | Short User Manual M256 | User manual M56 | Warranty information | Type approval | Company locations

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