M70

Alarm feature	Backlit keypad	Bluetooth	Vibration alarm	Long standby time	OTA Updates	Directory	Belt clip

The small all-rounder handset

The M70 DECT handset is the perfect all-rounder for unlimited mobility at the workplace. The handset is not only extremely light and compact, but also robust, surviving accidental drops of up to 2 m thanks to MIL-STD-810g certification, making it the perfect companion in the office, warehouse or outdoors. This handset also features a high-res LCD colour screen and enables wireless telephony in HD audio quality and can be paired with most Bluetooth headsets. The M70 features a freely programmable alarm button which can be used to call for help in an emergency, open doors and much more. The M70 is a versatile, lightweight and modern office DECT handset and the perfect addition to any workplace.

Warning: *Device not compatible with disinfectants*[1]

Basics

- Product information
  - DECT handset M70 | black | PN 00004423
  - Integrated belt clip
  - Ruggedized and robust design
  - Drop tested up to 2 m (MIL-STD-810g 516.6)
  - Antenna diversity: 2 internal omni-directional antennas
- Placement: Indoor, desktop

Dimensions and weight

- Dimensions (L x W x D, approx.)
  - 118 mm × 46 mm × 22 mm
- Weight (approx.)
  - DECT handset: 86 g
  - Battery & belt clip: 34 g

Display and indicators

- Display
  - TFT liquid crystal display (LCD), 262k, backlit
  - Size (diagonal): 2.0" (51 mm)
  - Resolution: 240 × 320 pixel
- 3 LED indicators
  - DECT handset
    - Multi-purpose status indication: 1 tricolour LED
    - Speakerphone mode: 1 red LED
  - Charging cradle → Charging indication: 1 green LED

Keypad and function keys

- 28 hard keys in total
  - 12 keys (standard ITU telephone keypad), backlit
  - 5-way navigation key

- 3 context-sensitive function keys
- 4 dedicated audio keys
  - Mute
  - Speakerphone (with red LED)
  - Volume + / - (rocker)
- 4 dedicated function keys
  - Offhook
  - Onhook | Cancel
  - Menu
  - Alarm
- Keyboard lock

Interfaces and connections

- Power options
  - DECT handset: Battery 3.7 V, 1,100 mAh, 4.1 W, lithium-ion, removable, rechargeable, up to 200 h standby time, up to 17 h narrowband talk time, up to 12 h wideband talk time, up to 6 h charging time
  - Charging cradle: Power adapter 100 - 240 V AC / 50 - 60 Hz / 300 mA | 5 V DC / 2 A
- Wired interfaces
  - DECT handset
    - Headset connectivity: 3.5 mm miniature audio jack
  - Charging cradle
    - USB powering: attached USB cable with type A plug
    - Daisy chaining: USB 2.0 type A port
- Wireless interfaces
  - Network connectivity: DECT[2]
  - Positioning | Third party headset support: Bluetooth

Audio devices, codecs and features

- Casing microphone | Handset earpiece | External speaker
  - Speakerphone mode
  - Full duplex, HD audio
- Audio codecs
  - G.711 (A-law, µ-law), G.722, G.726
- Related features
  - Hearing aid compatible (HAC)
  - Built-in assignable ringtones
  - Vibration alarm

User interfaces and setup

- Configuration and setup via menu-driven phone user interface (PUI)
- Customisation
  - XML Minibrowser support for Snom DECT multicell systems
- Localisation
  - Languages: English, German, French, Italian, Spanish, Dutch, Portuguese, Swedish, Turkish, Danish, Norwegian, Polish, Russian, Serbian, Croatian, Slovenian
  - Time zone, dial tone

Directory support and call features

- 10 identities / accounts
  - Up to 2 simultaneous calls
- Directory support
  - Local directory with up to 250 entries
  - Central directory on the base station
  - LDAP (server-based directory)
- Outgoing call features
  - Speed dialling
  - Redial (via dialled calls list)
  - Caller identification (CLIP)
  - Calling Line Identification Restriction (CLIR)
- Incoming call features
  - Call waiting/swapping
  - Auto answer
  - Call diversion
  - Do Not Disturb (DND) mode
- Connected call features
  - Hold
  - Blind call transfer
  - Attended call transfer
  - Mute microphone
  - 2+1 local conferencing
- Related features
  - Call history of 50 missed, received, dialed calls
  - Voice message waiting notification
  - Notification of missed calls

DECT technology and features

- Standard: DECT^2
  - Authentication/encryption of base and handset
  - Compatible with Snom DECT multicell systems
  - Wideband audio
- Frequency band: Auto-sensing
  - EU & UK: 1,880 - 1,900 MHz
  - USA: 1,920 - 1,930 MHz
  - Latin America: 1,910 - 1,930 MHz
- Output power
  - EU & UK: < 250 mW
  - 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

Environmental conditions

- Operating ambient temperature
  - -10 °C - +55 °C
- Charging condition
  - 5 °C - +45 °C

Package contents

- Hardware
  - DECT handset M70 | Battery
  - Charging cradle | Power adapter | Connector clips → EU / Americas
- Documentation
  - Quick Installation Guide

Snom accessories and compatible devices

- Battery
  - 3.7 V, 1,100 mAh, lithium-ion (PN 00003932)
- Repeaters
  - M6 (PN 00004586)
- Mobile Beacon Gateway
  - M9B (PN 00004460)
- Base stations
  - M400 (PN 00004587)
  - M900
    - EU & UK: PN 00004426
    - Americas: PN 00004441
  - M900 outdoor (PN 00004478)

[1] The device's materials (plastics, metals, seals) degrade, crack, or fail when exposed to certain chemicals (like alcohol, phenols, aldehydes). Failure to comply may result in the warranty becoming void.

[2] DECT devices manufactured for the USA and Canada are marketed as DECT 6.0

Series overview

| M25 | M30 | M65 | M70 | M80 | M85 | M90 | A190 |

| M400 | M900 | M900 Outdoor | M6 | M9B | M9T | MC10 | DECT Measuring Kit |

Disclaimer

Further information: Snom M70 webpage | Snom Service Hub M70 | Quick Installation Guide M70 | User manual M70 | Warranty information | Type approval | Company locations

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