

## M65

DECT handset with wideband  
HD audio quality



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### Key Features

- Wideband audio quality (TIA 920)
- Wideband speakerphone
- HAC compliant
- 250 hours standby and 17 hours speaking time
- Antenna diversity (two antennas for better reception)
- Local and central addressbook support
- 3.5 mm standard headset plug

Combining versatile business communication functionality with the intuitive features of the mobile carrier world, the snom M65 is ideally suited to fast-paced professional telephony.

With its sleek appearance and comprehensive range of features, the M65 is ideal for customers who expect more of their phone system and require mobile coverage across several floors or throughout large buildings.

The M65 has a large backlit 2" color display and a backlit keypad for easy dialing in poor light conditions. Wideband audio ensures crystal-clear voice quality for your calls, and, in addition to 6 polyphonic ringtones, the handset also features vibration alert for incoming calls.

An integrated tricolor LED keeps you instantly informed of missed calls, voicemail messages, and low battery status. The lithium-ion battery has a standby time of up to 250 hours and up to 17 hours of talk time for heavy usage between charging.

When the M65 is used with a snom M700<sup>(1)</sup> or M300<sup>(2)</sup> base you enjoy many phone system features such as voicemail, automatic call forwarding, call lists, caller identification, or direct search in the corporate directory.

## Hardware Specifications

### Handset

- Weight: approx. 123g (handset with battery)
- Dimensions: approx. (mm) 141x48x24 (LxWxD)
- Connector: 3.5 mm standard phone jack for wired headsets
- Antenna diversity (two internal omni-directional antennas for better transmission and reception)
- Hearing aid compatible (HAC)

### Battery <sup>(3)</sup>

- Type: Lithium-ion, 1100mAh, 3.7V, 4.1 W
- Talk time WB: Up to 16 hours
- Talk time NB: Up to 18 hours
- Standby time: Approx. 200-250 hours (10 days)
- Charging time: Up to 8 hours from empty

### Charger

- Input: 5,5V DC, 600mA
- Connector: 5.5 mm DC jack
- Charging indicator: Blue LED - light is on when handset is charging in cradle

### Power Adapter

- Input power: 100-240 AC Volt, 50/60 Hz, 250mA
- Output power: 5.5V DC, 600mA
- Plug: Patented interchangeable clips. EU and US clips included, UK clip available optionally <sup>(4)</sup>

### Range

- Office areas: Up to 40 meters
- Office areas with obstructions like elevator shafts, stairwells, metal walls: Up to 10 meters
- Shop floors: Up to 60 meters
- Exhibition halls or production areas without obstacles: Up to 100 meters
- Underground garages: Up to 20 meters
- Outdoors w/o obstructions: Up to 200-300 m

### DECT

- Frequency bands:
  - 1880-1900 MHz (EU)
  - 1910-1930 MHz (Latin America)
  - 1920-1930 MHz (US)

- Output power: EU < 250 mW, USA < 140 mW
- Protocols: GAP DECT, DECT 6.0, CAT-iq1.0 (wideband)
- Wideband voice
- Authentication/encryption of base and handset

### Standards Conformance

- EN 301406 (TBR6)
- EN 30176 - 2 (TBR10)
- EN 60950 - 1 (Safety)
  - IEC60950 -1
  - CSA c-CSA-us / UL60950 - 1
- EN 301489 (EMC, ESD)
- RF (EMF, SAR)
- FCC part 15D, conducted & radiated
- FCC part 15B
- RSS213
- TIA 1083, FCC part 68/CS-03 part V (HAC compliance)

### User Interface

- Display:
  - 5 cm (2") diagonal
  - 176 x 220 pixels
  - 262K TFT color LCD with backlight
  - 8 lines, height 16 pixels/line, 16 characters per line: 1 status line, 6 lines for menus or context area, 1 context-sensitive function key line
- Backlit keypad with 24 keys:
  - Standard ITU telephone keypad, 12 keys, 4x3, with star and pound/hash key
  - Three context-sensitive function keys
  - 5 navigation keys (left, right, up, down, OK)
  - Off-hook key, cancel key
  - Speakerphone key with red LED when speakerphone is on
  - Menu key
  - Three side keys (volume up/down, mute)
- Comfortable and intuitive menu structure
- Selection of ring tones
- Tricolor LED indication of missed calls/new voice messages, low battery
- Speakerphone
- Mute microphone

## Menu Languages

- English, German, French, Italian, Spanish, Dutch, Portuguese, Swedish, Turkish, Danish, Norwegian, Polish

## Phone functions with M700 base station

- Two simultaneous calls
- Directory with 100 contact entries
- Central directory (common local directory on base or external directory via LDAP)
- 8 speed dial numbers (number keys 2 - 9)
- Caller identification (CLIP)
- Redial (via dialed calls list)
- Call waiting
- Auto answer
- Call lists (all calls, missed, received, dialed calls), 50 entries total
- Hold
- Call swapping (active call and call on hold)
- Blind and attended transfer
- Call forwarding
- 3-way conference on the phone
- DND mode (do not disturb)
- Hide own outgoing ID (CLIR)
- Missed call notification
- MWI - Voice message waiting notification

## Codecs, Audio

- Codec negotiation
- 5 CAT-iq wideband audio channels using G.722, G.726/G.711

## Installation

- Automatic registration to extension set on base
- Software update: Over the air via M700 base station
- Date and time synchronization from base station

### Compatible base stations

<sup>(1)</sup> M700 DECT Single Cell/Multicell Base, snom PN 00003928 (EU), 00003929 (US)

<sup>(2)</sup> M300 DECT Single Cell Base, snom PN 00003986 (EU), 00003955 (US)

### Battery

<sup>(3)</sup> Included: Li-Ion battery, model RTR001F01, snom PN 00003932

### Accessories

<sup>(4)</sup> Optional UK clip for power supply: snom PN 0000xxxx

