# M65

DECT handset with wideband HD audio quality

# snom

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## Key Features
· Wideband speakerphone
· HD Audio (CAT-iq 1.0 compliant)
· DECT encryption
· 250 hours standby
· Local and shared address book
· Headset plug
· SW upgrade over-the-air

## Professional DECT telephony

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.

## Wide coverage

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.

## User Interface

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.

## Convenient features

When the M65 is used with a snom M700[1] or M300[2] 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. 141x48x24mm (LxWxD)
· Connector: 3.5mm standard phone jack for wired
  headsets
· Antenna diversity (two internal omni-directional
  antennas for better transmission and reception)
· Hearing aid compatible (HAC)

### Battery [3]
· 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 [4]

### Range
· Indoors: Up to 50 meters
· Outdoors:  Up to 300 meters (for indoor use only)

### 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: DECT, DECT 6.0, CAT-iq1.0 (wideband)
  NOTE:  No backward compatibility to GAP!
· 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 funtions 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
· CAT-iq wideband audio
  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

(1) M700 DECT Sincle Cell/Multicell Base, snom PN 00003928 (EU), 00003929 (US)

(2) M300  Single-Cell Base, available in M325 Bundle, snom PN 00003955 (EU),
00003954 (US)
00004161 (AU)

## Battery

(3) Included: Li-Ion battery, model RTR001F01, snom PN 00003932

## Accessories

(4) Optional UK clip for power supply: snom PN 00003931