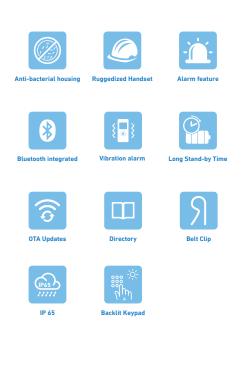
M90

Robust and anti-bacterial DECT handset





Benefits

- \cdot Perfect for hospital use
- \cdot Anti-bacterial housing
- \cdot IP65 protected handset
- \cdot Ruggedized and robust design
- \cdot HD audio support
- · Alarm key
- \cdot Integrated Bluetooth LE
- \cdot Large temperature range
- \cdot Integrated belt clip

- · HAC compliant
- \cdot Compatible to existing base stations ⁽¹⁾
- \cdot Vibration alarm
- · Multi-colour LED
- \cdot 200 hours stand by
- · MIL-STD-810g 516.6 tested
- \cdot Perfect for outdoor use
- · JIS-Z2801 tested

Hardware Specifications

Handset

- · Weight: approx. 136g (handset with battery+belt clip)
- · Dimensions: approx. 122x48x22mm (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)
- \cdot Bluetooth LE for headset connection and positioning
- \cdot Alarm key on the top of the handset
- · Drop test 2m
- $\cdot \operatorname{IP}$ protected housing
- · Anti-bacterial housing according to JIS-Z2801 testing
- · Large temperature range (-10°C to 55°C)
- · Part number: 00004425

Battery (2)

- · Type: Lithium-ion, 1100mAh, 3.7V, 4.1 W
- · Talk time WB: Up to 12 hours
- · Talk time NB: Up to 17 hours
- · Standby time: Approx. 200 hours (10 days)

Charger

- ·Input: 5V DC, 2A
- Charging indicator: Green LED light is on when handset is charging in cradle
- · USB port on charging cradle for daisy chaining a second cradle

Power Adapter

- · Input power: 100-240 AC Volt, 50/60 Hz, 300mA
- · Output power: 5V 2A
- Plug: interchangeable clips. EU and US clips included
- · Charging condition: 5°C to 45°C

Range

- \cdot Indoors: Up to 50m
- · Outdoors: Up to 300m

DECT

- \cdot Frequency bands:
 - ·1880-1900 MHz (EU)
 - ·1920-1930 MHz (US)
- \cdot Output power: EU < 250 mW, USA < 100 mW
- · Protocols: DECT, DECT 6.0
- $\cdot\, \text{Wideband}$ voice
- \cdot Authentication/encryption of base and handset
- $\cdot\,\text{DECT}$ band auto-sensing

User Interface

- · Display:
 - ·5cm (2") diagonal
 - ·240 x 320 pixels
 - ·262k TFT color LCD with backlight
- \cdot 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
 - · Menu key
 - · Three side keys (volume up/down, mute)
 - \cdot Alarm key on the top of the handset
 - \cdot 28 keys in total
- \cdot Comfortable and intuitive menu structure
- · Selection of ring tones
- Tricolor LED indication of missed calls/new voice messages, low battery
- · Speakerphone
- · Mute microphone
- $\cdot\, \text{Vibration}$ alarm

Menu Languages

• English, German, French, Italian, Spanish, Dutch, Portuguese, Swedish, Turkish, Danish, Norwegian, Polish, Russian, Croatian, Serbian, Slovenian

Phone functions with compatible base stations

- $\cdot\, \mathsf{Two}\, \mathsf{simultaneous}\, \mathsf{calls}$
- · Local directory with 250 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
- $\cdot \, {\rm Auto} \, {\rm answer}$
- Call lists (all calls, missed, received, dialed calls), 50 entries total
- · Hold
- \cdot Call swapping (active call and call on hold)
- $\cdot \operatorname{Blind}$ and attended transfer
- · Call forwarding
- \cdot 3-way conference on the phone
- · DND mode (do not disturb)
- \cdot Hide own outgoing ID (CLIR)
- $\cdot\,\text{Missed}$ call notification
- $\cdot\,\text{MWI}$ Voice message waiting notification

Installation

- · Automatic registration to extension set on base
- \cdot Software update: Over the air via the base station
- $\cdot\, \textsc{Date}$ and time synchronization from base station

Compatible base stations

- ⁽¹⁾ M300 Single-Cell Base, available in M325 Bundle, snom PN 00003955 (EU), 00003954 (US) 00004161 (AU)
- M700 DECT Sincle Cell/Multicell Base, snom PN 00003928 (EU), 00003929 (US)
- M900 DECT Multicell Base, snom PN 00004426 (EU), 00004441 (US)

Battery

⁽²⁾ Included: Li-Ion battery, model RTR001F01, snom PN 00003932

Series Overview



M300



snom







M85



M90

M25

M65



M80



On the internet

https://www.snom.com/m90/

Version 1.2.2. / en / 12 · 2019

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