SNOM

M90

Robust and anti-bacterial DECT handset

Ruggedized Handset	Alarm feature	Backlit Keypad
Bluetooth integrated	Vibration alarm	Long Stand-by Time
OTA Updates	Directory	Belt Clip
IP 65		

Benefits

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

· HAC compliant
· Compatible to existing base stations [1]
· Vibration alarm
· Multi-colour LED
· 200 hours stand by
· MIL-STD-810g 516.6 tested
· Perfect for outdoor use
· JIS-Z801 tested

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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)
· Bluetooth LE for headset connection and positioning
· Alarm key on the top of the handset
· Drop test 2m
· IP protected housing
· Anti-bacterial housing according to JIS-Z801 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
· Indoors: Up to 50m
· Outdoors: Up to 300m

DECT
· Frequency bands:
     ·1880-1900 MHz (EU)
     ·1920-1930 MHz (US)
· Output power: EU < 250 mW, USA < 140 mW
· Protocols: DECT, DECT 6.0
· Wideband voice
· Authentication/encryption of base and handset
· DECT band auto-sensing

User Interface
· Display:
     ·5cm (2") diagonal
     ·240 x 320 pixels
     ·262k TFT color LCD with backlight
· 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)
     · Alarm key on the top of the handset
     · 28 keys in total
· Comfortable and intuitive menu structure
· Selection of ring tones
· Tricolor LED indication of missed calls/new voice
  messages, low battery
· Speakerphone
· Mute microphone
· 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

· Two simultaneous 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
· 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

Installation

· Automatic registration to extension set on base
· Software update: Over the air via the base station
· 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

M700

M900

M25

M65

M70

M80

M85

M90

On the internet

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