M5 DECT Repeater

snom

M5
DECT Repeater

Key Features
· Supports single-cell and multicell bases
· Increase the range w/o Ethernet
· Wideband audio
· Up to 5 simultaneous calls
· Daisy chaining

Extending coverage
The snom M5 DECT repeater is ideal for extending the range of your single-cell or multicell DECT solution in locations requiring mobile coverage across several floors or throughout large buildings.

Handover
The repeater increases the reception range of individual bases and handsets and bridges gaps between base stations, increasing the free movement between base stations in a single seamless network and allowing calls to continue uninterrupted.

Flexibilty
The M5 repeater offers superior audio quality in both wideband and narrowband calls.

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General Information

· Weight of repeater: approx. 126 g
· Weight of power adapter: approx. 120 g
· Dimensions: approx. 118x129x33 mm (WxHxD)
· Antenna diversity (two internal omni-directional
  antennas for better transmission and reception)
· Power: Power adapter 5.5 V DC 600 mA included
  Plugs: Patented interchangeable clips, EU and
  US clip included, UK clip available optionally
· Color: black

User Interface

· LED indicator, two colors
· Reset key

Features

· 12 slots
· 2 simultaneous wideband calls
· 5 simultaneous narrowband calls
· Slot multiplexing
· Slot packing
· Full slot move over request

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)
· Four power levels: 14, 17, 20, 24 dBm
· Receiver sensitivity: -92 dBm
· Seamless handover
· Wideband voice (HDSP) Basic
· Interoperability , phase I (CAT-iq 1.0, 2.0)
· DECT encryption

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

Installation

· Registration on DECT base
· Shelf or desktop placement
· Wallmountable

Suitable for

· M700 DECT Base (multicell/single-cell), snom PN
  00003928 (EU), 00003929 (US)
· M325 DECT Single-Cell Bundle,
  snom PN 00003955 (EU), 00003954 (US)
· Handset snom M65, snom PN 00003969
· Handset snom M25, snom PN 000003987 (EU),
  00003988 (US)