

## M100 KLE SIP DECT 4-Line Base Station

The M100 KLE SIP DECT 4-Line Base Station supports up to 10 phones in the Snom KLE DECT 4-Line Series, including the M10 and M10R SIP DECT 4-Line handsets and the M18 KLE SIP DECT 4-Line deskset. This cordless family of phones features four programmable LED backlit line keys on the handsets and desksets. With key system emulation, the M100 KLE Series handles shared line appearances locally without the need for SCA (shared called appearances) support from your provider. This allows an easy and intuitive method for your customers to see incoming calls, hold calls, and resume calls from any handset or deskset with a simple press of a button.

### M100 KLE Key Features

#### Key system emulation

Easily handle calls with shared line appearances/shared call appearance (SCA<sup>1</sup>) across all cordless phones without the need for SCA support from your provider. The M100 KLE base station handles the SCA lines locally, so you can answer, hold and resume calls on any phone at the touch of a button. You still gain the benefits of advanced SIP features like voicemail, auto attendants and DID routing from your provider.

#### Easy wireless installation

Set up your phone system in minutes. Cordless handsets and desksets can be easily paired with the press of a button. There's no complicated wiring or cabling requirements. You only need one ethernet connection and simple provision on the DECT base for easy deployment.

#### Programmable line keys

Program backlit line keys right on the cordless phone to give you one button hold and resume from any cordless handset or deskset. You can also program a line key for a private extension or other function.

#### Clear mobility with DECT 6.0 digital technology

Leave your desk without leaving your work behind. Enjoy DECT 6.0 sound quality and reception, which provides strong protection against wiretapping. DECT also ensures the best call range while not interfering with wireless routers.

#### Scalability

Growing pains? Register up to 10 cordless handsets or desksets to the M100 KLE DECT base station and program each one with its own phone number or extension.



#### HD voice quality

With G.722 wideband codec support for HD audio, calls have never sounded so rich and life-like.

#### Advanced call handling

Impress customers with comprehensive call handling features that are compatible with hosted and open-source PBX platforms.\*

#### Flexibility

With support for up to eight SIP lines/accounts, you can manage multiple calls with advanced call handling features.

#### Convenient mounting

Make the most of tight spaces. The M100 KLE DECT cordless base station can be free standing or wall-mounted.

#### Three-year warranty

Enjoy the peace of mind that comes with an industry-leading, standard three-year warranty. Snom also provides advanced replacement on warranty claims using new, not refurbished, products.

#### Compatible with M10 KLE, M10R KLE, M18 KLE

<sup>1</sup> Shared Call Appearance (SCA) is a reference to BroadSoft implementation

## Specifications, Weights and Dimensions

- APN: 80-S089-00
- Color: black
- UPC: TBD
- Product dimensions (WxDxH): 4.55" x 1.67" x 5.94"
- Product weight: 0.5 lbs.
- Giftbox dimensions (WxDxH): 4.92" x 2.83" x 6.14"
- Giftbox weight: 0.73 lbs.
- Master pack SCC-14: TBD
- Master pack dimensions (WxDxH): 10.47" x 6.26" x 6.93"
- Master pack weight: 3.58 lbs.
- Quantity: 4

## Interface

- DECT 6.0 RF module embedded
- DECT 6.0 (maximum register): 10 handsets and/or desksets
- Ethernet port - 10/100 Mbps
- Base power: adapter (included) and Class 2 Power over Ethernet (PoE)

## Base Station, Keys and Indicators

- Handset locator key
- Reset key
- Power LED
- VoIP LED

## Audio/Voice

- G.722, G.711 (A-law &  $\mu$ -law), G.729ab, G.726, iLBC

## System Features

- Supports up to 8 SIP account registrations (individual or shared among handsets)
- Supports 4 programmable line keys on cordless accessories
- Supports up to 4 outgoing calls in parallel (system-wide)
- Base phonebook up to 1,000 entries

- Call history up to 200 entries
- Phonebook import/export
- XML/LDAP remote phonebook
- Do Not Disturb (DND)
- 3-way local conference
- N-way network conference
- External/Internal call transfer between DECT phones<sup>1</sup>
- Intercom between DECT phones<sup>1</sup>
- Call barring/blocking (block anonymous/blacklist)
- Dial plan/digit map
- Mute
- Redial
- 10 speed dial entries
- Call transfer: blind/attended
- Call hold
- Call forwarding: per-line basis (busy/always/no answer)
- Call timer (call duration)
- Caller ID
- Phonebook matching (incoming and outgoing calls)
- Multi-language support

## Customization

- Web interface configuration (admin & user)
- Custom default file

## Security

- 802.1x
- 802.1pq
- SRTP
- Transport Layer Security (TLS)
- Mutual authentication (server and client)
- Certificate management (device and applications)
- AES encryption of config file for provisioning (128/64/32/16 bits)
- Open VPN
- LLDP-MED

## Network

- IPv4 or IPv6 with DHCP/Static/PPPoE
- STUN
- NAT
- RTP
- SNTP
- VLAN
- DNS override
- Failover support and server redundancy
- Layer 3 QoS (ToS, Diffserv)

## Provisioning

- Snom redirection service
- HTTP, HTTPS, TFTP
- DHCP options: 66, 159, 160
- TR-069
- PnP

## Maintenance

- Software Update Over the Air (SUOTA)
- Schedule resync: time and day setting
- Diagnostic: pcap trace
- Syslog

## Compatibility

- Broadsoft® Broadworks
- Asterisk-based platforms

## Other

- 3-year standard warranty
- Advanced product replacement for warranty claims with new product

\*Features and functionality may vary, depending on SIP service provider and/or SIP phone system platform.

<sup>1</sup>Function only available when paired to the M100 KLE