

# D745

High resolution display and  
self-labeling keys



# D745



The professional D745 deskphone is designed to be both aesthetically appealing and highly practical. Gathering its intelligence from Snom's unique software which has been developed and proven over fifteen years, this phone meets the requirements of users for whom the telephone is a key tool in their daily work as well as having been designed to ensure it is easy to use and cost-effective for deployment by IT service providers.

## Elegant and Practical

The elegant design of the D745 will complement even the most prestigious surroundings, and its high/low angle footstand allows the phone to be positioned for maximum user comfort and efficiency. Wideband HD audio ensures crystal clear sound quality. Call and feature management, editable call lists, and an address book are provided by the high resolution graphical display which makes the data easily visible in a variety of office conditions.

## Key Features

- 8 configurable self-labeling multicolor LED keys
- Gigabit switch
- USB port
- Wideband audio
- 12 SIP identities

## Function Key Display

The second screen supports four virtual pages, each offering eight programmable keys with multicolored LEDs for a large number of contacts and other functions. A dedicated key makes the navigation through the pages easy and seamless. The number of function keys can be further increased by connecting up to three Snom D7 expansion modules.

## Connectivity

The D745 includes a high-speed USB port to enable users to connect to a variety of accessories such as headsets and Wi-Fi sticks. In addition, the D745 has a gigabit Ethernet switch for connectivity to gigabit Ethernet LANs and VPN clients to increase value through the integration of an additional security layer.

## Benefits

- High resolution graphical display
- Second display for self-labeling LED keys
- Dual-angle footstand: 46° and 28°
- Wall mountable
- Wideband hands-free talking (speakerphone)
- Digital signal processor (DSP) enhanced audio quality
- 2-port 1-Gigabit Ethernet switch (RJ45)
- Power over Ethernet IEEE 802.3af, Class 2
- USB headset-ready
- D7 Expansion module-ready<sup>(1)</sup>
- USB WiFi stick support (RT2070/RT3070 chipsets)<sup>(1)</sup>
- Support for wireless headsets via Electronic hook switch (EHS)<sup>(1)</sup>

## Firmware

### Features

- 12 SIP identities / accounts
- XML browser
- Call lists for dialed, received, missed calls
- Local directory with 1000 entries
- Multiple language support
- DTMF in-band / out-of-band / SIP-INFO
- Interoperable with all major IP-PBX platforms

### Call Features

- Speed dialing
- URL dialing
- Local dial plan
- Automatic redial on busy
- Call completion (busy/unreachable)<sup>(2)</sup>
- Caller identification
- Call waiting
- Call blocking (deny list)
- Auto answer
- Hold
- Music on hold<sup>(2)</sup>
- Handling of up to 4 simultaneous calls
- Blind and attended transfer
- Call forwarding
- 3-way conferencing on the phone
- Extension monitoring, call pickup<sup>(2)</sup>

- Call park, call unpark<sup>(2)</sup>
- Multicast paging
- DND mode (do not disturb)
- Keyboard lock
- Client matter code (CMC)<sup>(2)</sup>
- Unified Communications ready

## Audio

- Codecs:
  - G.711 A-law,  $\mu$ -law
  - G.722 (wideband)
  - G.726, G.729AB, GSM 6.10 (FR)
- Built-in assignable ringtones
- Comfort noise generator (CNG)
- Voice activity detection (VAD)

## Set-up

- Configurable through web interface
- Provisioning:
  - Automatic loading of settings via HTTP/HTTPS/TFTP
  - DHCP Options 66/67
  - Snom Redirection Service
  - Remote management via TR-069 / TR-111

## Specification

### Protocols

- SIP (RFC3261)
- DHCP, NTP
- HTTP / HTTPS / TFTP
- LDAP (Directory)
- Dual Stack IPv4 / IPv6

### User Interface

- Localization (language, time, dial tone)
- Red LED for call indication / message waiting
- 4 context-sensitive keys
- 8 configurable self-labeling LED keys
- Dedicated message key
- Audio keys with LED indication: Mute, speakerphone, headset
- Volume key
- 4-way navigation key, OK and cancel keys
- Menu-driven user interface

### Security

- 802.1X authentication and EAPOL
- Transport layer security (TLS)
- SRTP (RFC3711), SIPS, RTCP
- HTTPS server/client
- password-protected web interface
- VPN-support
- VLAN (IEEE 802.1Q)
- LLDP-MED, RTCP-XR

### Phone Features

- Dimensions (approx.): 185x220x185mm (LxWxH)
- Weight (approx.): 940g
- Input voltage: 5V DC (SELV)
- Power supply: PoE or 5V DC power adapter<sup>(1)</sup>
- Handset: 4P4C connector
- Headset: 4P4C connector
- Hearing aid compatible (HAC) handset
- 1 x USB 2.0 host port, type A, Hi/Full/Low-Speed
- Environmental conditions:
  - Ambient temperature: 0°C to 35°C (32°F to 95°F)
  - Storage temperatur: -10°C to 45°C (14°F to 113°F)
  - Humidity: 5% to 95% (non-condensing)
- Included in delivery:
  - Base phone unit
  - Foot stand
  - Handset with cord
  - Ethernet cable
  - Quick Start Guide
- Color: Black
- Warranty: 2 years
- Part Number: 00004259

### Type Approval

- CE Mark
- FCC Class B
- Safety IEC 60950, CB

<sup>(1)</sup> Optional accessory (see below for part number)

<sup>(2)</sup> If supported by PBX

### Part Numbers for Accessories

- 00004011 D7 Expansion Module (black)
- 00004325 Power Adapter Snom A6 / EU clip
- 00004326 Power Adapter Snom A6 / US clip
- 00001168 UK clip for Snom A6
- 00001167 AUS clip for Snom A6
- 00002362 Snom EHS Advanced
- 00003820 Wallmount plate for 7-series
- 00001122 HS-MM2 headset