

D862



- ✔ Large tiltable 5 inch IPS colour display
- ✔ USB 2.0 high speed connection
- ✔ 8 programmable function keys
- ✔ Optimized noise reduction



USB port



Security



OpenVPN



HD audio

D862 - The perfect Entry

The D862 is a beautifully designed entry-level device in the Snom D8xx series. Its clear design makes it ideal for any desk. Equipped with a beautiful, 40° continuously adjustable LCD screen of 5" size, it offers a very good overview, regardless of the lighting situation at the workplace. The 8 freely programmable function keys are ideal for storing speed dials or call groups.

The Snom D862 combines advanced technology, excellent voice quality and an optimal design in one device - at an unbeatable price. This makes the D862 a perfect entry-level device into the world of professional IP telephony.

Basics

- Operating system Linux
- 3-year warranty
- Wall mountable ¹
- Part number/s
 - D862 | PN 00004535

Dimensions and weight

- Dimensions (D x W x H, approx.)
 - 45mm x 243mm x 210mm w/o footstand
 - 165mm x 243mm x 193mm with footstand
- Weight (approx.)
 - 1,12kg with footstand

Display and indicators

- Display
 - TFT liquid crystal display (LCD), tiltable, truecolour, backlit
 - Display size (W x H) 110 mm x 62 mm
 - 5" (127 mm) display size (diagonal)
 - Resolution 1280 x 720 Pixel
- 13 LED indicators
 - Call indication (1 x red LED)
 - Message waiting indication (MWI) (1 x red LED message key)
 - Function key indication (8 x multicolour LEDs)
 - Audio key indication (1 x red LED, 2 x green LED)

Keypad and function keys

- 39 hard keys in total
- Standard ITU telephone keypad: 12 keys with star and pound/hash key
- 5-way navigation key
- 12 function keys
 - 4 context-sensitive function keys
 - 8 freely programmable line / function keys (maximum 28 on 4 sides) with multicolor LEDs
- 5 dedicated audio keys
 - Mute key (1 x red LED), speakerphone key (1 x green LED), headset key (1 x green LED), volume control key
- 5 dedicated function keys
 - Cancel key, message key, transfer key, hold key, redial key
- Related features
 - Keyboard lock

Directory support and call features

- 8 SIP identities / accounts
 - Up to 8 simultaneous calls
- Directory support
 - LDAP (server-based directory)
 - Local directory with up to 10,000 entries
 - Import/export phone book (CSV, XML)
 - XML phonebook support
- Outgoing call features
 - Speed dialling via function keys
 - Speed dialling via keypad: 10 numbers
 - URL dialling
 - Local dial plan
 - Redial (via dialed calls list)
 - Automatic redial on busy
 - Caller identification (CLIP)
 - Calling Line Identification Restriction (CLIR)
 - Call completion (busy/unreachable) ²
 - Intercom
 - Multicast paging
- Incoming call features
 - Call waiting/swapping
 - Call blocking (deny list)
 - Dynamic central blacklist check ²
 - Blocking of anonymous calls
 - Auto answer
 - Call forwarding
 - Call deflection
 - Do Not Disturb (DND) mode
- Active calls
 - Mute microphone
 - Hold
 - Music on hold ²
 - Blind call transfer
 - Attended call transfer
 - 2 + 1 local conferencing
 - Call park / unpark ²
 - Client Matter Code (CMC) ²
- Related features
 - Call history lists of missed, received, dialed, rejected, and deflected calls
 - Extension monitoring, call pickup ²

Audio devices, codecs, and features

- Casing speaker
 - Wideband audio
 - Hearing aid compatible (HAC)
 - Frequency range 150 Hz - 8 kHz
 - Noise cancellation
- Speakerphone mode
 - Wideband audio
 - Frequency range 100 Hz - 8 kHz
 - Full duplex
 - 2 x dedicated microphones
- Audio-Codecs
 - G.711 (A-law, μ -law), G.722, G.723.1, G.726, G.729, Opus
- Dual-tone multi-frequency signalling (DTMF)
 - In-band, out-of-band, SIP-INFO
- Related features
 - Comfort noise generator (CNG)
 - Voice activity detection (VAD)
 - Audio response time
 - Adaptive jitter buffer
 - Packet loss concealment (PLC)

Interfaces and connections

- D862 power options
 - Power over Ethernet (PoE), IEEE 802.3af, class 3
 - Power adapter 100 - 240 V AC / 50 - 60 Hz | 5 V DC (SELV) / 2 A / 10 W ¹
- Wired interfaces
 - 1 x coaxial power adapter connector
 - 2 x 1 Gbit RJ45-8P8C Ethernet port
 - 1 x USB 2.0 Typ A
 - 1 x RJ9-4P4C standard receiver connector
 - 1 x RJ9-4P4C standard connector or USB port for wired headset connection
 - 1 x RJ12-6P6C proprietary EHS connector¹
- Wireless interfaces
 - Bluetooth optional via USB Bluetooth dongle
 - WLAN optional via Snom USB WLAN Dongle ¹
 - DECT optional via Snom USB DECT Dongle ¹
- Sensors
 - Ambient light sensor
 - Hook switch sensor

Technologies and protocols

- Network technologies
 - OpenVPN, VLAN (IEEE 802.1Q)
- VoIP related protocols and techniques
 - SIP (RFC 3261), SDP (RFC 3261), RTP (RFC 8866), RTCP (RFC 3550), RTCP-XR, SIP REFER method (RFC 3515), rport (RFC 3581), ENUM, ICE, STUN (RFC 5389)
- Secure VoIP protocols
 - SIPS (SIP over TLS), SRTP (RFC 3711), SRTCP
- Network protocols
 - IPv4 / IPv6 (Dual Stack), DHCP, NTP, LDAP, LLDP-MED, HTTP, TFTP, L2TP
- Secure network protocols
 - TLS V1.3 incl. ciphers (forward secret & authenticated), HTTPS, IEEE 802.1X (EAP-TLS - RFC 5216)
- Remote management protocols
 - TR-069, TR-069 Annex G (formerly TR-111), TR-369 (USP)

User interfaces and setup

- Configuration and setup via menu-driven web user interface (WUI)
 - Visual and functional UX based re-design of web user interface (phone manager)
 - Password-protected login
 - Secure web server/client (HTTPS)
 - [Languages](#)
- Configuration and setup via menu-driven phone user interface (PUI)
 - [Languages](#)
- Automatic configuration via provisioning
 - Loading of settings and firmware via HTTP / HTTPS / TFTP
 - Supported DHCP provisioning options 43 / 60 / 66 / 67
 - Secure Redirection And Provisioning Service (SRAPS) support
 - Remote management via TR-069 / TR-069 Annex G / TR-369
 - Plug & Play (PnP) support
- Localization
 - Timezone
 - Additional language support
 - Dial tone
- Related features
 - Dual firmware partition

Environmental conditions

- Operating ambient temperature: 0 ° C bis 35 ° C
- Nonoperating temperature: - 10 ° C bis 45 ° C
- Humidity (non-condensing): 5% - 95%

Package contents

- 1 x desk phone unit
- 1 x footstand
- 1 x corded receiver
- 1 x 1,5 m (5 ft) Ethernet cable
- 1 x Quick Installation Guide

Accessories

- 00004544 | Wall mount kit (D8XX)
- 00004561 | Corded wideband receiver (D8XX)
- 00004570 | 10 W Power adapter
- 00004341 | A100M | Monaural Headset
- 00004342 | A100D | Binaural Headset
- 00004388 | A150 | DECT-Headset
- 00004387 | A170 | DECT-Headset
- 00002362 | EHS Advanced 2.0
- 00004384 | A210 | USB WLAN dongle
- 00004386 | A230 | USB DECT dongle

¹ Available separately

² If supported by PBX

Series overview



D862



D865

Footer and disclaimer

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On the Service-Hub: <https://service.snom.com/display/wiki/D862>

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