

Snom D812 Desk Phone (D812)



Product Name: Snom D812 Desk Phone (D812)

Manufacturer: Snom

Model Number: D812

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The perfect solution for every office

The Snom D812 offers an ideal combination of high functionality and affordability. It is aimed at companies that are looking for a reliable communication device without breaking the budget.

With its flexibility and adaptability, the Snom D812 is the perfect choice for a variety of use cases - from small teams that need efficient communication to larger call centres that require stable and reliable telephony. With the Snom D812, you get a product that is state of the art and meets the high standards that Snom customers worldwide appreciate. Durability, security and user-friendliness are our top priorities - values that are also reflected in the Snom D812. Snom D812 Key Features

• USB 2.0 high-speed connection

• Large 5 inch IPS colour display

• 8 programmable function keys

• Antibacterial housing

Elegant design

Their beautiful form and consistently elegant and clear design make the desk phones in the D8xx series eye-catchers on any desk.

Large colour display

The 5-inch TFT colour display with a resolution of 480 x 272 pixels offers unrivalled picture quality in this price range.

Self-labelling function keys

Thanks to the 8 programmable function keys, you can customise your Snom desk phone to suit your needs, allowing you to start calls or perform other important functions quickly and easily at the touch of a button.

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Snom D812 Technical Specifications

Product information

• IP desk phone D812|PN 00004690
• Colour: gunmetal black
• Anti-bacterial housing
• Operating system: Linux
• Placement:

Dimensions and weight

• Dimensions (L × W × H, approx.)

• 210 mm × 243 mm × 45 mm without footstand
• 193 mm × 243 mm × 165 mm with footstand

• Weight (approx.)

• 1.12 kg with footstand

Display and indicators

• Display

• TFT liquid crystal display (LCD): IPS panel, true colour, backlit
• Size (diagonal): 5.0" (127 mm)
• Size (W × H): 110 mm × 62 mm
• Resolution: 1,280 × 480 pixels

• 13 LED indicators

• Call status indication: 1 red LED
• Message waiting indication (MWI): 1 red LED
• Function key status indication: 8 multicolour LEDs
• Audio key status indication: 3 LEDs (1 red / 2 green)

Keypad and Function keys

• 39 hard keys in total

• 12 keys (standard ITU telephone keypad)
• 5-way navigation key
• 4 context-sensitive function keys
• Programmable function keys

• 8 SmartLabel keys (with multicolour LED)
• Key mapping of up to 32 functions (8 keys × 4 pages)

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• 5 dedicated audio keys

• Mute (with red LED)
• Speakerphone (with green LED)
• Headset (with green LED)
• Volume + / - (rocker)

• 5 dedicated function keys

• Cancel
• Message (with red LED)
• Transfer
• Hold
• Redial

• Keyboard lock

• Expansion module connection via USB port for up to 3 times; D8C

Audio devices, codecs and features

• Casing microphone | Casing speaker

• Frequency range: 100 Hz - 8.0 kHz
• Speakerphone mode: Full duplex, HD audio , Acoustic echo cancellation (AEC)

• Corded handset:

• Daisy chaining|USB powering|USB headsets and other accessories
• Frequency range: 150 Hz - 8.0 kHz
• Noise cancellation, HD audio , Hearing aid compatible (HAC)

• Audio codecs

• G.711 (A-law, μ -law), G.722, G.723.1, G.726, G.729AB, GSM6.10(FR), Opus

• Dual-tone multi-frequency signalling (DTMF / RFC2833):

• SIP-INFO, in-band, out-of-band

• Related features

• Comfort Noise Generator (CNG)
• Voice Activity Detection (VAD)
• Audio response time
• Adaptive jitter buffer

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• Packet loss concealment (PLC)

Interfaces and connections

• Power options

• Power over Ethernet (PoE)

• IEEE 802.3af, class 3 | IEEE 802.3az

• Power adapter

• 100 - 240 V AC, 50 - 60 Hz | 5 V DC (SELV), 2 A, 10 W

• Wired interfaces

• Power adapter: coaxial power connector (socket)

• Network connectivity: 2 × RJ45-8P8C sockets (NET, PC) & Gigabit Ethernet (GbE)

• USB connectivity: USB 2.0 type A port

• Corded handset: RJ9-4P4C socket

• Headset: RJ9-4P4C socket

• EHS adapter: 1 RJ12-6P6C socket

• Wireless interfaces

• Third party headset support

• DECT: optional via A230

• Network connectivity: WLAN optional via A210

• Sensors

• Hook switch sensor

User interfaces and setup

• Configuration and setup via menu-driven web user interface (WUI)

• Password-protected login

• Secure web server/client (HTTPS)

• Configuration and setup via menu-driven phone user interface (PUI)

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• 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-111) / TR-369

• Plug & Play (PnP) support

• Localization

• Languages

• Time zone, dial tone

• Diagnostic

• SIP / PCAP trace

• Syslog

• Related features

• Dual firmware partition

Networking technologies and protocols

• Network technologies

• OpenVPN, VLAN (IEEE 802.1q)

• VoIP related protocols and techniques

• SIP, SDP, RTP, RTCP, RTCP-XR, SIP REFER method (RFC 3515), rport (RFC 3581), ENUM, ICE, STUN

• Secure VoIP protocols

• SIPS (SIP over TLS), SRTP, SRTCP

• Network protocols

• IPv4 / IPv6 (dual stack), DHCP, NTP, LDAP, LLDP-MED, HTTP, TFTP, L2TP

• Secure network protocols

• TLS V1.2 HTTPS, IEEE 802.1X (EAPoL)

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• Remote management protocols

• TR-069, TR-069 Annex G (formerly TR-111), TR-369 (USP)

Directory support and call features

• 12 SIP identities / accounts

• Up to 12 simultaneous calls

• Directory support

• LDAP (server-based directory)

• Local directory with up to 2,000 entries

• Outgoing call features

• Speed dialling via function keys

• Speed dialling

• 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)

• Intercom

• Multicast paging

• Incoming call features

• Call waiting/swapping

• Auto answer

• Call diversion

• Call barring/blocking: deny list, anonymous calls, Do Not Disturb (DND) mode

• Connected call features

• Mute microphone

• Hold

• Music on hold

• Blind call transfer

• Attended call transfer

• 2+1 (4+1) local conferencing

• Call park / unpark

• Client Matter Code (CMC)

• Related features

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- Call history lists of missed, received, dialed, rejected, and deflected calls
- Extension monitoring (Busy lamp field), call pickup

Package contents

• Hardware

- IP desk phone D812
- Corded handset
- Footstand
- Ethernet cable: 1.5 m

• Documentation

- Quick Installation Guide
- GNU General Public License

Interoperability

- Certified VoIP partner

Environmental conditions

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

Snom accessories and compatible devices

• Power adapter

- Snom 10W PSU (PN 00004570)

• Wall mount kit

- D8xx WM (PN 00004544)

• Corded wideband receiver

- D8xx WB handset (PN 00004561)

• USB dongle

- A150 (PN 00004388)
- DECT: A230 (PN 00004386)

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1½ EHS adapter

1½ EHS Advanced 2.0 (PN 00002362)

1½ DECT headset via

1½ USB (DECT): A150 (PN 00004388)

1½ RJ9: A170 (PN 00004387)

1½ Wired headset via RJ9

1½ Binaural: A100D (PN 00004342), A310D (PN 00004626)

1½ Monaural: A100M (PN 00004341), A310M (PN 00004624)

1½ Wired headset via USB

1½ Binaural: A330D (PN 00004598)

1½ Monaural: A330M (PN 00004597)

1½ Expansion module

1½ D8C (PN 00004562)

Please Enquire