

Alcatel-Lucent Enterprise H2P DeskPhone

The H2P DeskPhone is a SIP device that offers a rich communications experience at a competitive price, with a modern design.

This compact deskphone includes wideband audio with fine-tuned double talk performance and echo cancelling. It provides a backlit screen supporting 4 lines of text, a directory of up to 1000 contacts, as well as call logs that allow user to easily contact colleagues and customers.

The user experience is enhanced with a navigation button and 4 menu keys. The H2P DeskPhone also includes an adjustable foot stand making it ideal for small huddle rooms, open offices or hotel rooms.

The standard SIP protocol provides the rich telephony features supported by the major open SIP servers in the market.

The H2P DeskPhone supports the use of an external power supply and Power over Ethernet (PoE) mode (Class 1).



Features	Benefits
HD audio quality	Wideband audio quality in both handset and hands-free mode; excellent double talk performance in hands-free mode
User-friendly interface and 2.3-inch backlit screen	Easily connect with colleagues or customers
Dedicated Headset port	Connect a headset for additional communications comfort
Compact phone with adjustable foot stand	Perfect for small desks, hotel rooms and hospital bedsides
Rich telephony features with standard SIP protocol	Benefit from business features such as call management and conference, provided by your preferred cloud PBX provider
Effortless Deployment	Compatible with ALE's mature Easy Deployment Server (EDS) and Easy Device Management (EDM), saving on manpower costs with easy large-scale configuration and deployment

Datasheet

Alcatel-Lucent Enterprise H2P DeskPhone

Technical specifications

Physical characteristics

- Height: 205mm (8.1 inches)
- Width: 181mm (7.1 inches)
- Depth: 47mm (1.9 inches)
- Weight: 700g (1.54 lbs) (with handset and stand)
- Colour: Gray
- Adjustable foot stand: 45° and 50°
- Wall mountable (optional accessory)

Display

- 2.3-inch, 128x64 black and white display with backlight

Keys

- 2 Line keys (Line 1/2) with LED
- 4 menu keys
- Volume control keys (+ and -)
- Navigator: 4 way navigation + OK
- Hands-free, mute and message keys
- Call hold, call transfer and redial key
- Dial pad

Telephony features

- 2 SIP accounts
- Call forward, call waiting, call transfer, call hold/resume, redial
- Mute/unmute, voicemail, DND, auto answer
- Local 3-party conference
- Call log (1000 entries)
- Contacts (1000 entries)

Audio characteristics

- G.722, Opus (NB and WB), iLBC
- G711 (A-law and Mu-law), G.729AB, G.726
- Voice Activity Detection (VAD), Comfort, Noise Generation (CNG), Acoustic echo cancellation (AEC)
- DTMF: In-Band, RFC2833, SIP INFO
- Hearing Aid Compatible (HAC)

Power

- Power over Ethernet (IEEE 802.3af), Class 1
- Power consumption idle/active: 2.11W/3.22W
- External Power supply: 5V/0.6A (Optional accessory)

Connectivity

- RJ-45 LAN: 10/100M Ethernet
- RJ-45 PC through 10/100M Ethernet switch
- RJ-9 connector for corded handset
- RJ-9 connector for headset

Network, Security and others protocols

- SIP V2: RFC 2474, 2833, 3261, 3263, 3264, 3265, 3550, 4566, 5359, 6086
- Static IP and DHCP
- IPv4/IPv6
- IEEE 802.1AB/LLDP-MED
- IEEE 802.3az
- QoS: 802.1p/Q tagging (VLAN), Layer 3 TOS, DSCP
- TFTP/HTTP/HTTPS/TR069
- OpenVPN, 802.1x
- Authentication: Basic or digest
- Denial of service (DoS) attack protection: Flooding
- Transport: TLS 1.2 and SRTP
- Shipped with (X509v3) certificate installed

Configuration

- Web-based management
- ALE Easy Device Management (EDM)
- ALE Easy Deployment Server (EDS)

Languages

- Multi-language support (menu): Arabic, Catala, Chinese (simplified), Chinese (traditional), Czech, Dutch, English, Euskara, French, Galego, German, Hebrew, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Slovenian, Spanish, Swedish, Turkish, Ukrainian

Regulatory Standards

Safety

- IEC 62368-1:2014, ANSI/UL 62368-1-2014, CAN/CSA-C22.2 NO. 62368-1-14

EMC

- EN 55032, CISPR 32
- EN 55024, CISPR 24
- EN 61000-3-2, EN 61000-3-3

- FCC 47 CFR Part 15 B Subpart B
- ICES-003 Issue 6
- Telecom
- TIA/EIA 810-B, TIA 920.130-A-1, AS/CA S004

Eco design

- ErP 2009/125/EC, WEEE 2012/19/EU
- ROHS 2011/65/EU, CHINA ROHS 2: GBT 26572-2011
- REACH: European regulation: N° 1907/2006
- Proposition 65
- Packaging: EU Directive 94/62/EC

Hearing aid compatibility

- FCC 47 CFR Part 68, Industry Canada CS-03, Australia AS/ACIF S040

Environmental Conditions

- Operating temperature: -5°C to +45°C
- Relative humidity: 5% to 95%
- Storage/transportation temperature: -25°C/+70°C
- IP Class: IP52

Ordering Information

- 3MK27005AA H2P DeskPhone

Accessories

- 3MK08006EU external power adapter (EU)
- 3MK08006UK external power adapter (UK)
- 3MK08006US external power adapter (US)
- 3MK08006AU external power adapter (AU)
- 3MK08006IN external power adapter (IN)
- 3MK08004AA wall mounting kit

Packaging

- H2P DeskPhone
- Wired wideband handset
- Foot stand
- 1.5m Ethernet cable (cat5e)
- Safety sheet
- Quick user guide