

M5 DeskPhone from **Alcatel-Lucent Enterprise**

The M5 DeskPhone from Alcatel-Lucent Enterprise offers a rich SIP communications experience with intuitive navigation and conversation comfort.

This elegant DeskPhone provides super wideband audio in hands-free mode with echo cancelling and double talk performance. The large 2.8" colour screen makes it easy to connect quickly.

The user experience is enhanced with a 4-way navigation key, 8 line keys, 4 soft keys and a userfriendly interface.



it more than a phone. It is possible to connect to a PC as an external loud speaker to take advantage of the super wide band speaker phone or plug external devices such as Expansion Module (EM20 or EM200), headset, conference module etc. The M5 DeskPhone supports a Wi-Fi dongle.

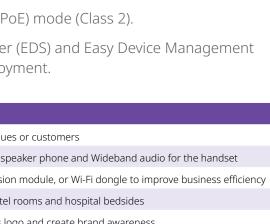


The standard SIP protocol provides the rich telephony features supported by the major open SIP servers in the market.

The M5 DeskPhone can operate in Power over Ethernet (PoE) mode (Class 2).

The phone is compatible with ALE Easy Deployment Server (EDS) and Easy Device Management (EDM), providing easy large-scale configuration and deployment.





Technical Specifications

Physical Characteristics

- · Height: 183mm (7.2 inches)
- Width: 207mm (8.1 inches)
- Depth: 35mm (1.4 inches)
- Weight: 800g (1.76 lbs) (with handset and stand)
- · Colour: Gray
- Adjustable stand: 40° & 55°
- Wall mountable (with an optional accessory)

Display

• 2.8-inch, 320x240 colour display

Keys

- 8 programmable line keys with LED
- · 4 menu keys
- · 4-way navigation keys and OK key
- Cancel key
- · Volume control keys (+ and -)
- · Hands-free, mute and message keys
- · Call hold, call transfer and redial key
- · Standard dial pad

Telephony Features

- 8 SIP accounts
- Call forward, call waiting, call transfer, call hold/resume, redial
- Mute/unmute, voicemail, DND, auto answer
- Local 5-party conference
- Call Log (1000 entries)
- · Contacts (1000 entries)

Audio Characteristics

- G.722, OPUS, iLBC
- · G711 (A-law and Mu-law), G.729AB
- 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 2
- Power consumption idle/active: 2.17W/4.6W
- Power adapter: 5V/2A DC output (optional)

Connectivity

- RJ-45 LAN: 10/100/1000M Ethernet
- RJ-45 PC through 10/100/1000M Ethernet switch
- · RJ-9 handset connector
- USB Type-A/Type-C connector

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
- QoS: 802.1p/Q tagging (VLAN), Layer 3 TOS, DSCP
- TFTP/HTTP/HTTPS/TR069
- OpenVPN, 802.1x
- · Authentification: Basic or digest
- Denial of service (DoS) attack protection:
 Flooding
- Transport: TLS 1.2/1.0 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, Chinese (simplified), Chinese
 (traditional), Czech, Danish, Dutch,
 English (American), English (British),
 Estonian, Finnish, French, German,
 Greek, Hungarian, Italian, Japanese,
 Korean, Latvian, Lithuanian, Norwegian,
 Polish, Portuguese, Russian, Slovak,
 Slovenian, Spanish, Swedish, Turkish

Regulatory Standards

Safety

- EN 60950-1: 2006 +A11: 2009 +A1: 2010 +AC: 2011+A12: 2011 +A2:2013
- IEC 60950-1: 2005 +A1: 2009 +A2: 2013
- EN 62368-1: 2014 +A11: 2017
- CAN/CSA-C22.2 NO. 60950-1-07 +Am1: 2011 +Am2: 2014, ANSI/UL 60950-1-2014

FMC

- 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 Canada
- ETSI EN 301 489-1
- ETSI EN 301 489-17
- EN 55024
- CISPR 24
- CISPR 32
- EN 55032
- EN 61000-3-3 / IEC 61000-3-3

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

- US: Section 68.316 (HAC) and 68.317 of FCC 47 C.F.R. Part 68
- Canada: CS-03 Part V, Issue 9 +Amendment 2
- Australia/NZ: AS/ACIF S040: 2001

Environmental Conditions

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

Ordering Information

3MK27002AA M5 DeskPhone

Accessories

- 3MK27006AA EM20 Expansion Module
- 3MK27007AA EM200 Expansion Module
- · 3MK27008AA Wall Mounting Kit
- 3MK08005US External Power Adapter (US)
- 3MK08005EU External Power Adapter (EU)
- 3MK08005RW External Power Adapter (AU/UK)

Packaging

- M5 DeskPhone
- Wired HD wideband handset and cable
- · Phone stand
- 1.5m network cable (cat5e)
- Safety sheet
- Quick User Guide

