

# 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" color 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 user-friendly interface.

The M5 DeskPhone includes USB A/C ports making 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 M5 DeskPhone includes an adjustable foot stand and comes with customizable faceplates to promote brand awareness.

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).



Features	Benefits
Large 2.8" color screen	Easily connect with colleagues or customers
Super wideband audio quality	Super wideband audio for speaker phone and Wideband audio for the handset
USB Ports(Type A and Type C)	Connect a headset, expansion module, or Wi-Fi dongle to improve business efficiency
Elegant phone with adjustable foot stand	Perfect for small desks, hotel rooms and hospital bedsides
Customized faceplate	Display your organization's logo and create brand awareness
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	Benefit from ALE Easy Deployment Server (EDS), and Easy Provisioning Sever(EPS), very easy to configure and deploy

## Datasheet

M5 DeskPhone from Alcatel-Lucent Enterprise

## Technical specifications

### Physical characteristics

- Height: 183mm (7.2 inches)
- Width: 207mm (8.2 inches)
- Depth: 35mm (1.4 inches)
- Weight: 800g (1.77 lbs) incl. handset and foot stand
- Color: Gray
- Adjustable foot stand: 40° and 55°
- Wall mountable

### Display

- 2.8 inches color
- 320x240 LCD

### Keys

- 8 line keys 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

- 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, local contacts (1000)

### Audio characteristics

- G.722, OPUS, iLBC
- G.711 (A-law and Mu-law), G.729AB
- VAD (Voice Activity Detection), Comfort Noise Generation (CNG)
- Acoustic echo cancellation
- DTMF: In-Band, RFC2833, SIP INFO
- Hearing Aid Compatible (HAC)

### Power

- Power over Ethernet (IEEE 802.3af), Class 2
- External Power supply: 5V/2A (Optional accessory)

### Connectivity

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

### Network and protocols

- SIP v2 (RFC3261)
- Static IP and DHCP
- IPv4/IPv6
- IEEE 802.1AB/LLDP-MED/QoS
- TR069

### Configuration

- Web-based management
- ALE Easy Provisioning Server (EPS)
- ALE Easy Deployment Server (EDS)

### Security

- Authentication: Basic or digest, 802.1x
- Denial of service (DoS) attack protection: Flooding
- ARP Spoofing protection
- Transport: TLS 1.2/1.0 and SRTP
- Shipped with (X509v3) certificate installed
  - Certificates for 802.1x EAP-TLS (either Alcatel-Lucent or customer certificates)
- Supporting SHA2 ALE Certificate, SCEP, OpenVPN

### 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

#### 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 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

### Accessories

- 3MK27006AA EMD20 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 wideband handset
- Foot stand
- 1.5m Ethernet cable (cat5e)
- Safety sheet
- Quick user guide