

# M8 DeskPhone from Alcatel-Lucent Enterprise

## Stylish Design, Superior Performance

The M8 DeskPhone from Alcatel-Lucent Enterprise is a new generation of high-end business deskphones designed for executives and professionals. Rich SIP functions, combined with premium sound quality and high performance deliver a superior user experience.

The M8 DeskPhone uses a 5-inch colour IPS LCD and an adjustable stand which can meet your needs at different angles and positions.

The stylish and elegant design of the phone with touch-sensitive function keys and fabric mesh makes it perfect for use in your office or at home.

Super-wideband technology improves the audio quality of the deskphone and makes communication as immersive as possible.

Built-in Bluetooth 5.0 module, dual-frequency 2.4G/5G Wi-Fi module and integrated USB-A and USB-C interfaces provide not only enhanced expandability for the deskphone but also easy connectivity with mobile phones, headsets and other devices which significantly improves your efficiency.

The M8 DeskPhone supports 20 SIP accounts and up to 12-party local conferencing.

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

The phone supports the use of an external power supply and Power over Ethernet (PoE).

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



Features	Benefits
Large display	A large 5-inch IPS colour screen with brighter colours, wider viewing angles and finer picture quality. An optimized human-machine interface delivering a comfortable user experience
Superior performance	Equipped with a high-performance processor that powers up in seconds. Supporting 20 SIP accounts and provides 12-party conferencing for a more efficient work experience
Super-wideband audio quality	Optimized components, tuned parameters, multiple codecs, super-wideband audio technology, and 360-degree omnidirectional sound pickup making communication and collaboration a lot easier
Wireless connection	Built-in Bluetooth 5.0 allowing easy connectivity to Bluetooth headsets, mobile phones and other devices. Built-in dual-band Wi-Fi (2.4G/5G) offering faster speed and improved anti-jamming capability
Effortless deployment	Compatible with ALE's Easy Deployment Server (EDS) and Easy Device Management (EDM). Saving on manpower with easy large-scale configuration and deployment

### Datasheet

Alcatel-Lucent M8 DeskPhone

## Technical Specifications

### Physical Characteristics

- Height: 214mm
- Width: 211mm
- Depth: 53mm
- Weight: 1100g (with handset and stand)
- Colour: black
- Adjustable stand: 40° & 55°
- Wall mountable (with an optional accessory)

### Display

- 5-inch, 800x480 colour display

### Keys

- 9 programmable line keys with LED
- 1 page turn key (for switching between 4 pages)
- 5 soft keys
- 4-way navigation keys and OK key
- Cancel key
- Volume control knob
- 8 function keys: handsfree, mute, info, headset, hold, transfer, redial, and hang up
- Standard dial pad

### Telephony Features

- 20 SIP accounts
- Call forward, call waiting, call transfer, call hold/resume, redial
- Speed dial
- Mute/unmute, voicemail, DND, auto answer
- Hot desking
- Voicemail
- Local 12-party conference
- Call Log (1000 entries)
- Contacts (1000 entries)

### Audio Characteristics

- Full-duplex handsfree
- 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 3
- Power consumption idle/active: 2.31W/9.53W
- 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
- RJ-9 headset connector
- USB Type-A/Type-C connector

### Network and 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
- TR069

### Configuration

- Web-based management
- ALE Easy Device Management (EDM)
- 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

### Ordering Information

- 3MK27009AA M8 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

- M8 DeskPhone
- Wired HD wideband handset and cable
- Phone stand
- 1.5m network cable (cat5e)
- Safety sheet
- Quick User Guide