

# Alcatel-Lucent 8018 DeskPhone

The Alcatel-Lucent 8018 DeskPhone offers a rich IP communications experience with an ergonomic handset offering outstanding audio quality in both hands free and comfort handsets.

This compact phone offers expert level communications services from Alcatel-Lucent Enterprise communication servers: The 10 programmable keys, the large screen and the dial-by-name features offer an intuitive navigation experience. These elements facilitate the user's day-to-day business tasks.



The 8018 DeskPhone comes with clips and faceplates customized for the business. It is the ideal bedside phone for hotels and hospitals.

This DeskPhone provides an RJ-45 Ethernet port and a USB port to connect audio equipment such as a headset.

Features	Benefits
Compact and intuitive phone	The ideal phone for small desks, hotel rooms and hospitals bedsides.
Support of ALE communication features and navigation	Enjoy a direct access to a variety of services, such as: Welcome desk, reception, room service, nurse, emergency button, and more through contextual menus and 10 LED-enabled, programmable keys.
Excellent voice quality	Experience enterprise-grade conversations
Customizable clip and faceplates	Display the company, hotel or hospital logo and brand image
Connectivity	RJ-45 LAN Ethernet port and USB port to connect a smartphone or an audio equipment, such as a headset



## Technical specifications

### Mechanics

- Weight: 675 g (1.48 lbs.) including handset
- Depth on a table: 200 mm (7.87 in)
- Depth with wall mounting kit, and handset: 100 mm (3.94 in)
- Width: 164 mm (6.46 in)
- Height: 170 mm (6.69 in)
- Color: Moon Grey
- Position foot: 45° display
- Visible area: 2.4 inches 128x64 pixels graphical Black/White LCD display.
- Viewing area (WxH): 54.8x28.5 mm (2.15 x 1.12 in)
- Contrast +/- LCD white backlit

### Connectivity

- RJ-45 LAN: 10/100/1000 Ethernet
- RJ-45 PC through 10/100/1000 Ethernet switch
- RJ-9 connector for corded handset
- One USB port (1.1/2.0) to connect audio equipment (headset, loudspeaker, handsfree) and for slow smartphone charging

### Power

- 802.3af Power over Ethernet (PoE)
  - Class 1 support (<3.84 W)
  - Power supply: Optional accessory
- The power supply is also a way to boost smartphone charging capacity

### Audio

- HD audio
  - Wideband loudspeaker
  - Wideband, comfort and wired handset
- Full-duplex speakerphone

- Smart noise reduction
- Group listening
- Acoustic echo cancellation
- HAC (hearing aid compatible)
- G.711(A-law and Mu-law), G.729ab
- G.722
- VAD (voice activity detection)/DTX (discontinued transmission) included for all codec

### LEDs, keys and navigation

- Incoming call blinking LED: Back and front visibility
- Pickup/off-hook/call/redial key
- Hang-up/on-hook/end key
- Application keys with a contextual LED management:
  - Mute
  - Volume +/Volume -
  - Audio mode selection: Hands-free, loudspeaker, headset, or handset
  - Message key
- Four key navigation
- OK, cancel keys
- Numeric to alpha keypad: To switch to alpha character and perform dial by name, for example
- F1, F2 (or hold/transfer) with LED
- Four programmable keys with LED and paper label
- Six contextual keys around the screen

### Network and provisioning

- DHCP and static IP
  - Manual or dynamic host configuration protocol (DHCP) network setup (RFC2131)
- QoS support
  - IEEE 802.1p/Q tagging (VLAN), Layer 3 TOS, and DSCP
  - QoS tickets

- LLDP-MED
- IEEE 802.1 AB/LLDP-MED client (IPv4/ IPv6, automatic VLAN acquisition, PoE management, inventory information)
- Energy Efficient Ethernet 802.3 support protocols and advanced telephony
- IP NOE or SIP (RFC 3550, 2833, 3261, 3263, 3264, 3265, 3515, 3892, 3960, 4566, 5359, 6086)
- MLE advanced telephony
  - Starting with Alcatel-Lucent OmniPCX® Enterprise release 11.2.1
  - Starting with OTBE R2.2
- SMB Advanced telephony
  - Starting with OmniPCX Office RCE release 10.3
  - Starting with OXO Connect release 2

### Product ships with

#### 3MG27201AA package:

- 8018 DeskPhone
- Safety sheet
- Foot
- Comfort handset
- Transparent plastic cover with two double sided paper labels:
  - 123 <-> abc (to substitute to alpha keyboard; to perform dial by name for example), F1/F2 with 4 blank Keys recto and or 123 <-> abc Hold Transfer with 4 blank keys verso
  - 123 <-> abc, pictogram Hold, Transfer, Conference, 3 blank keys recto, 123 <-> abc with 6 blank keys verso
- Ethernet cable included in 3MG07035AA package

## Datasheet

Alcatel-Lucent 8018 DeskPhone

## Customization

- Customizable clip (logo printing, company co-branding)
- Customizable faceplate: Please contact your sales representative

## Security

- Authentication: Basic (RFC2617) or digest (RFC7616), 802.1x
  - 802.1x Message Digest 5 (MD5)/ TLS: For authentication, customer certificates management (with centralized deployment) (RFC1321)
- Denial of service (DoS) attack protection: Flooding
- ARP Spoofing protection
- Shipped with (X509v3) certificate installed
  - Certificates for 802.1x EAP-TLS (either Alcatel-Lucent Enterprise or customer certificates)
- Transport Layer Security (TLS) 1.2 standard (RFC5246) and SRTP (RFC3711)
  - Encryption and authentication of the signaling traffic
  - Encryption of media traffic
- Secure Hash Algorithm (SHA)-2 support
- SSH v2
- IPSec VPN support

## Regulatory standards

### Safety

- EN 60950-1, IEC 60950-1, ANSI/UL 60950-1, AN/CSA-C22.2 NO. 60950-1-07

### EMC

- EN 55032 Class B, EN 55022 Class B, CISPR22: Class B, 47 CFR Part 15 B Class B, ICES-003 Class B, EN 55024, CISPR24, IEC 61000-6-1 (Residential, Commercial), IEC 61000-6-2 (Industrial), IEC 61000-6-3 (Residential, Commercial), IEC 61000-6-4 (Industrial), IEC 60945 (Maritime), IEC 62236-4 (Railway), IEC 61000-3-2, IEC 61000-3-3

### Telecom

- TIA/EIA 810-B, TIA/EIA 920
- AS/CA S004 (Australia)

### Hearing aid compatibility

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

### Eco-design

- ErP 2009/125/EC, ROHS 2011/65/EU, CHINA RoHS GB/T 26572, WEEE 2012/19/EU

### Environmental conditions

- Operating temperature:
  - -5° C to +45° C \* (+23 °F to +113 °F)
- Relative humidity: 5% to 95%
- Storage/transportation temperature:
  - -25° C/+70° C (-13 °F to +158 °F)
- IEC 60529 (IP Class: IP 20)

## Accessories

- 3MG27210AA: Wall mounting kit
- 3MG27006xx: Power supply x4
- Ethernet cable:
  - 8018 is compliant with CAT-5e shielding Ethernet cable and more.
  - Width of Ethernet cable head < 13.5mm
  - 3AK21492AA: Straight Ethernet cable RJ45/RJ45, 3 m length
- 3GV28057xx: Binaural USB-jack 3.5 mm headset
- Spare parts
  - 3MG27211AA: Customizable clip (x10)
  - 3MG27216AA: Plastic foot (x10)
  - 3MG27215AA: 8018-8019 Paper label (x64)
  - 3MG27212AB: 8018-8019 Transparent Plastic Cover and Paper Labels Kit