

# Alcatel-Lucent 8078s-8068s-8058s-8028s Premium DeskPhone s Series

The Alcatel-Lucent 8078s, 8068s, 8058s, 8028s Premium DeskPhone s Series delivers improved performance and innovative design. These new variants enhance the IP communications experience in multi-device environments, bringing conversation comfort to the next level with audio quality improvements. Enhanced High Definition voice provides a superior audio experience with natural voice communication and improved intelligibility, enabling increased business user productivity.

The Premium DeskPhone s Series can be deployed in any business environment, from on-premise PBX, to cloud deployment on Alcatel-Lucent Enterprise servers.

The Premium DeskPhone s Series improves the overall energy efficiency of IP phone deployments by saving energy in standby mode and in conversation mode.

The Premium DeskPhone is now the hub of enterprise connected devices, offering broader connectivity options for Smartphone integration, and new applications based on proximity detection or location.

With Bluetooth Low Energy integration, the Premium Deskphone s Series can be part of an enterprise Internet of Things network to develop innovative services for the verticals environment.

The Premium DeskPhone s Series is eco responsibly manufactured to address consumer's green concerns. Together, with greater sound definition and quality, the ergonomic, elegant and contemporary design looks smart and works great in any business setting.



**8078s BT**



**8068s BT**



**8058s**



**8028s**

FEATURES	BENEFITS
<ul style="list-style-type: none"> <li>Enhanced High Definition voice quality, Super Wideband ready</li> <li>Best in class power consumption</li> <li>8028s, 8058s, 8068s, 8068s Bluetooth, 8078s, 8078s Bluetooth</li> <li>Optimized ergonomics</li> <li>Navigator</li> <li>Dedicated function keys</li> <li>Backlit display</li> <li>Intuitive icons and soft keys</li> <li>Alphabetic keyboard</li> <li>Built-in security</li> <li>Dual stack NOE &amp; SIP protocol</li> <li>Compatible with IP-Touch 8 series</li> <li>IPv4/IPv6</li> <li>Wall-mountable</li> <li>Unified Communication companion</li> <li>Embedded software encryption capabilities</li> <li>Customization capabilities</li> <li>OXE SIP Business support for 8028s</li> </ul>	<ul style="list-style-type: none"> <li>Easy installation, supports plug and play provisioning</li> <li>Easy to use with feature buttons and interactive soft keys</li> <li>Offers the full range of telephony services found in Alcatel-Lucent acclaimed communication servers – OmniPCX® Enterprise and OXO Connect – unsurpassed in terms of functionality, features, reliability and quality of service</li> <li>Improve employee efficiency and productivity</li> <li>Leverage Alcatel-Lucent systems and solutions installed base</li> <li>Interoperability with survival router (embedded SIP Proxy) provides continuity of service with OmniPCX Enterprise systems</li> </ul>

## Technical specifications

### Physical characteristics

- Width: 252 mm
- Depth (including alphabetic keyboard): 200 mm
- Height: 204 mm
- Weight:
  - 8078s BT, 8078s: 1450 g
  - 8068s BT, 8068s, 8058s, 8028s: 1350 g
- Adjustable foot stand ranging from 25° to 60°
- Color: Moon grey

### Display

- 8078s BT, 8078s: 5 inch capacitive touch color, 480 x 800 pixels, effective display area size 108.00 x 64.80 mm<sup>2</sup>
- 8068s BT, 8068s, 8058s: 3.5 inch color, 240 x 320 pixels, effective display area size 70.08 x 52.56 mm<sup>2</sup>
- 8028s: 2.8 inch, 64 x 128, pixels black & white, white backlight, effective display area size 64 x 32 mm<sup>2</sup>
- 8078s BT, 8078s, 8068s BT, 8068s, 8058s: Ambient light sensor, back shell busy light indicator
- LCD backlight
  - 8078s BT, 8078s, 8068s BT, 8068s, 8058s: Manual adjustment based on user-defined level, or auto-brightness mode based on ambient light and user defined level

### Keypad

- Navigator:
  - 8078s BT, 8078s: Touch screen with tool bar
  - 8068s BT, 8068s, 8058s, 8028s: 4-way navigation + OK + cancel
- Contextual keys:
  - 8078s BT, 8078s, 8068s BT, 8068s: 2 x 5, 8058s: 2 x 3
- Function keys:
  - On/off hook, dial pad, mute with LED, volume keys ±, hands-free with LED, 2 personal keys/LED, redial, info and message with LED
- Programmable keys:
  - 8078s BT, 8078s, 8068s BT, 8068s: Up to 72 soft keys (OmniPCX Enterprise): Up to 40 soft keys (OXO Connect or OmniPCX Office RCE)
  - 8058s: Up to 68 soft keys (OmniPCX Enterprise): Up to 36 soft keys (OXO Connect or OmniPCX Office), 4 programmable lighted keys, smart-add-on module
  - 8028s: Up to 68 soft keys (OmniPCX Enterprise): Up to 36 soft keys (OmniPCX Office), 4 programmable keys with LED and paper label
- Magnetic alphabetical keyboard

### Connectivity

- RJ-45 LAN: Gigabit Ethernet 10/100/1000
- RJ-45 PC through 10/100/1000 Gigabit Ethernet switch
- RJ-9 connector for corded handset
- RJ-9 connector for alphanumeric keyboard

- 3.5 mm jack 4 pole headset port
- SATA connector for external ringer and audio active envelop indicator
- 2.1 x 5.5 mm DC power jack plug socket for external AC/DC power adapter
- SATA connector for add-on module connection
- USB A 2.5 W (5V, 500mA), upgradeable to support 4.5W (5V, 900mA)
- USB C for future use (8078s BT, 8078s, 8068s BT, 8068s, 8058s)
- 8078s BT, 8078s, 8068s BT, 8068s Bluetooth 4.1 Smart Ready (Classic & BLE) embedded: Wideband Bluetooth handset with 2 pin charge contacts and Bluetooth headset support

### Power

- Power over Ethernet (IEEE 802.3af)
  - 8028s: Class 1
  - 8078s BT, 8078s, 8068s BT, 8068s, 8058s: Class 2
- Power consumption (PoE) Idle – Active (w/o Add-on, w/o USB)
  - 8078s BT: 2.1 W – 3.5 W
  - 8078s: 1.9 W – 3.2 W
  - 8068s BT: 2 W – 3.1W
  - 8068s: 1.8 W – 2.8 W
  - 8058s: 1.6 W – 2.2 W
  - 8028s: 1.5 W – 2 W

- Optional AC/DC power adapter: 100 V AC to 240 V AC/48 V DC

### Audio characteristics

- Alcatel-Lucent Enterprise enhanced High Definition (eHD) Technology

- Wideband comfort handset for 8078s, 8068s, 8058s & 8028s, Wideband Bluetooth handset for 8078s BT, 8068s BT, Hearing Aid Compatible (HAC).
- Full-duplex speakerphone, acoustic echo cancellation
- OPUS Codec
- Wideband G722
- G711 (A-law and Mu-law)
- G729 AB, voice activity detection (VAD), comfort noise generation (CNG)

### Network and provisioning

- IP NOE and SIP v2 (RFC3261)
- 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 az support

### Protocols & advanced telephony

- IP NOE or SIP (RFC 3550, 2833, 3261, 3263, 3264, 3265, 3515, 3892, 3960, 4566, 5359, 6086)
- MLE advanced telephony
  - Starting with 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

### Security

- Authentication: Basic or digest, 802.1x
  - 802.1x Message Digest 5 (MD5)/TLS: For authentication, customer certificates management (with centralized deployment)
  - Denial of service (DoS) attack protection: Flooding
  - ARP spoofing protection
- Transport: TLS 1.2/1.0 (RFC5246) and SRTP (RFC3711)
  - Encryption and authentication of the signaling traffic;
  - Encryption of media traffic.

- Shipped with (X509v3 ) certificate installed
  - Certificates for 802.1x EAP-TLS (either Alcatel-Lucent or customer certificates)
- IP Sec VPN support

### Languages

- Multi-language support (menu): Arabic, Catalan, Chinese (simplified), Chinese (traditional), Croatian, Czech, Danish, Dutch, English, English Australia, English US/Canada, Estonian, Finnish, Flemish, French, French Canadian, French Swiss, German, German Austria, German Swiss, Greek, Hebrew, Hungarian, Italian, Italian Swiss, Japanese, Korean, Latvian, Lithuanian, Norwegian, Polish, Portuguese, Portuguese Brazil, Romanian, Russian, Serbian, Slovak, Slovenian, Spanish, Swedish, Taiwanese, Thai, Turkish, Valencian.

### Regulatory Standards

#### Safety

- EN 60950-1(+A11 +A1 +A12 +A2),
- IEC 60950-1 (Second Edition +Am1 +Am2), ANSI/UL 60950-1(Second Edition),
- CAN/CSA-C22.2 NO. 60950-1-07 (+Am1 +Am2)

#### RF

- EN 300 328
- FCC 47 CFR Part 15 C
- RSS-247
- AS/NZS 4268
- Bluetooth qualification

#### EMC

- EN 55022 Class B
- EN 55032 Class B
- 47 CFR Part 15 B Class B
- ICES-003 Class B
- EN 55024
- EN 61000-6-1 (Immunity for residential and commercial environments )
- EN 61000-6-2 (Immunity for industrial environments)
- EN 61000-6-3 (Emission for residential and commercial environments )
- EN 61000-6-4 ((Emission for industrial environments)
- IEC 60945 (Maritime)
- IEC 62236-4 (Railway)
- EN 301 489-1
- EN 301 489-17
- EN 61000-3-2
- EN 61000-3-3

### Telecom

- TIA / EIA 810-B, TIA 920.130-A-1, AS/CA S004

### Audio hearing aid

- FCC47 CFR Part 68, Industry Canada CS-03 Part V, Australia AS/ACIF S040

### Eco-design

- 2009/125/EC, ROHS 2011/65/EU, WEEE 2012/19/EU

### Environmental Conditions

- Temperature: -5°C to +45°C
- Relative humidity: 5% to 95%
- Storage Temperature: -25°C/+70°C
- IP Class: IP 20

### Serviceability

- Syslog mode
- Port mirroring

### Product ships with

- DeskPhone with handset and alphanumeric keyboard
- 3m network cable
- Safety sheet

### Accessories

- 3MG27105AB Premium Add-on 10 keys module<sup>1</sup>
- 3MG07033WW Premium Add-on 40 keys module with clip
- 3MG07032WW Premium Smart display 14 keys module with clip
- 3MG27032AA Wide Band Comfort Handset
- 3MG27209AA Wide Band Bluetooth Handset
- 3GV28047xx Monaural Headset
- 3GV28048xx Binaural Headset
- 3MG27208xx Magnetic Alphabetic Keyboard
- 3BN67215WW Bluetooth Headset
- 3GV28057xx Binaural USB Headset
- 3MG27110AA Premium Wall Mounting Kit<sup>1</sup>
- 3MG27006xx AC/DC Powear Adapter 100–240 V AC/48 V DC with EU, UK, US and AUS plug and 3m connection cable power
- 3MG08001AA Conference Module 8115 Audiooffice
- 3MG08002AA Conference Module 8125 Audiooffice

<sup>1</sup> Except 8078s DeskPhone