The Alcatel-Lucent 8232 DECT Handset offers easy-to-use, cost-effective and reliable voice communication, addressing mobility needs in evolving business environments.

The 8232 DECT Handset provides a convenient and practical solution for the basic personal mobility needs of most business environments. It offers simple and efficient voice communication, enhanced usability and compatibility with existing Alcatel-Lucent DECT base stations. The 8232 DECT Handset also provides all of the Alcatel-Lucent OmniPCX™ Communication Server value-added voice services (such as dial-by-name and multiline management) that Alcatel-Lucent fixed desk phones support.

**FEATURES**
- Alcatel-Lucent OmniPCX™ telephony protocol (AGAP)
- Lightweight, ergonomic design and intuitive operation
- Color display 1.4' 65k colors TFT 128x128 pixels
- Keypad and display backlight
- Handsfree, microphone mute and vibrate modes
- Headset jack (3.5 mm)
- Antenna diversity
- Direct micro USB charging
- Spring loaded belt clip

**BENEFITS**
- Compatibility with deployed Alcatel-Lucent base stations provides infrastructure investment protection
- Supports large OXE campus configurations
- IP-DECT connectivity
- Excellent voice quality and business telephony features improve user responsiveness and business productivity
- Simplifies business inventory by offering a single product, operational worldwide
- Green: Economy mode uses automatic low radio emission power (25 mW peak)
- Low power mode (50 mW) makes it suitable for demanding environments
- Provides reliability with long battery life
TECHNICAL SPECIFICATIONS

Detailed features
• System languages: Communication server-dependent
• Handset MMI languages (GAP mode and system-independent features)
  - English
  - French
  - German
  - Spanish
  - Italian
  - Dutch
  - Portuguese
  - Danish
  - Swedish
  - Norwegian
  - Finnish
• Handsfree, microphone mute and vibrate modes
• LED for status indication; three colors (green/orange/red) for battery status, missed calls and messages
• Ring tones
  - Six user-selectable polyphonic tones
  - Volume control: four settings; meeting mode
• Supports all AGAP features on OmniPCX call servers with TDM infrastructure
• Supports all AGAP features on OmniPCX™ Enterprise Communication Server with IP-DECT infrastructure
• Supports GAP features on the Alcatel-Lucent OpenTouch™ Suite for Small and Medium Businesses (SMB) if the suite has an IP-DECT infrastructure with system directory & messaging
• Call by name: Personal and system directory
• Call log (GAP mode):
  - All, answered, dialed, missed
  - Up to 50 call logs
• Contacts (GAP mode)
  - Name, up to 4 numbers per contact
  - Up to 50 contacts
  - 8 speed-dial options
• Audio and LED message signaling

Radio specifications
• DECT
• Frequency band
  - DECT Europe: 1880 MHz – 1900 MHz
  - DECT 6.0 North America: 1920 MHz – 1930 MHz
  - DECT Latin America: 1910 MHz – 1930 MHz except Brazil 1910-1920 MHz
  - DECT Asia: 1900 MHz – 1906 MHz
• Handover: Bearer, connection, external
• Out-of-coverage signaling
• Antenna diversity
• Automatic band switching for cruise ship applications (requires IP-DECT)

Wireless security
• Identity
• Authentication
• Encryption

Registration
• Up to four systems
• Manual selection
• Automatic selection

Audio CODECs
• G726

Physical characteristics
• Box contains handset, battery, belt clip and regulatory notice
• Color: Black
• Graphic display: 1.4 in.; 65,000 colors; 128 x 128 pixels
• Display backlight: White
• Keypad backlight: Blue
• Belt clip: Spring loaded; optional swivel clip
• Headset: Jack 3.5 mm; TRRS compliant

Dimensions
• Height: 5.19 in. (133 mm)
• Width: 2.00 in. (52 mm)
• Depth: 0.90 in. (23 mm)

Mechanical characteristics
• Charging on desktop charger or Micro USB-type B plug

Battery pack
• Easily replaceable, 1,100-mAh lithium-ion battery
• Talk time: Up to 20 hours
• Standby time: Up to 200 hours
• Charging time: Less than 3 hours

Operating environment
• Operating temperature: 14°F to 113°F (-10°C to +45°C)
• Storage temperature: -13°F to +131°F (-25°C to +55°C)

Serviceability
• Site survey tool
• Diagnostic mode
• Syslog mode
• Software update over the air (SUOTA) ready — requires IP-DECT

Software management tools
• Download tool (see Accessories)
• Flash loader PC application

Regulatory
EU directives
• R&TTE 1999/5/EC
• LVD2006/95/EC
• EMC 2004/108/EC
• Eco design 2006/32/EC

Safety
• IEC 60950-1
• CAN/CSA-22.2 No 60950-1

EMC and radio
• EN 301 489-1
• EN 301 489-6
• IEC/EN 61000-4-2 Level 3 criteria B
• IEC/EN 61000-4-3 Level 3 criteria A
• EN 301 406 (TBR6)
• FCC 47 CFR part 15 subpart D
• IC RSS-213
SAR
- EN 50360
- IEC 62209
- FCC OET Bulletin 65
- IEE 1528
- SAR value: 0.102 W/kg

Audio, hearing aid
- FCC 47CFR Part 68
- Canada: CS-03 part V
- ANSI/TIA/EIA-504-A
- Australia: ACIF S040

Telecom
- EN 301 406 (TBR6)
- EN 300 176-2 (TBR10)
- EN 300 175-8 (DECT audio)
- TBR22
  - ETSI TS 102 841 (security)
  - ES 202 738 (group listening)
- DECT security certification program stepA
- DECT security certification program stepB

Local regulations
- Australia: ACIF S004
- US/Canada: FCC part 68
- New Zealand: PTC220

Acoustic shocks
- UL 1950
- ETS 300 245-2

Environmental
- Operation: ETS 300 019 part 1-7 class 7.2
- Storage: ETS 300 019 part 1-1 class 1.2
- Transport: ETS 300 019 –part 1-2 class 2.3
- IP Class: EN 60529 IP40

Accessories
- 3BN67331AA desktop charger: Charges one handset (with USB cable)
- 3BN67335AA power supply for European plugs
- 3BN67336AA power supply for US, UK and Australian plugs
- 3BN67332AA spare battery
- 3BN67333AA spare belt clip
- 3BN67334AA swivel clip
- 3BN67337AA vertical pouch
- 3BN67338AA horizontal pouch
- 3BN67339AA download tool

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