Alcatel-Lucent 8232 DECT Handset

The Alcatel-Lucent 8232 DECT Handset offers easy-to-use, cost-effective and reliable voice communications to address 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 supports all of the Alcatel-Lucent communication servers value-added voice services (such as dial-by-name and multiline management) provided by Alcatel-Lucent fixed desk phones.

Features	Benefits
Alcatel-Lucent telephony protocol (AGAP)	Enjoy all the business communication features such as easy access to the corporate directory and the desk phone twinset
Supports large OXE campus configurations and compatible with IP-xBS base stations	Easy to deploy: Save time and money even in large, complex environments
Software upgrade over the air (SUOTA) through all ALE DECT base stations on OXE	Benefit from over air software updates on all devices
Robust design IP 40	A robust mobile handset for demanding environments
Audio comfort	Enjoy conversations in handsfree mode or move to a headset. Up to 20h of talk time. Also includes a microphone mute function.
User-friendly experience	Easily navigate with the assistance of the backlit color screen and keypad

Technical specifications

Detailed features

- System languages: Communication server-dependent
- Handset MMI languages (GAP modeand system-independent features)
  - ¬ English
  - ¬ French
  - ¬ German
  - ¬ Spanish
  - ¬ Italian
  - ¬ Dutch
  - ¬ Portuguese
  - ¬ Danish
  - ¬ Swedish
  - ¬ Norwegian
  - ¬ Finnish
  - ¬ Turkish
  - ¬ Polski
- Hands-free, 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 Alcatel-Lucent communication servers with TDM infrastructure
- Supports all AGAP (Alcatel-Lucent Generic Access Profile) features on the Alcatel-Lucent communication call servers with IP-xBS infrastructure
- 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

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 on 8378 IP-xBS and TDM base stations on OmniPCX Enterprise Communication Server

Software management tools

- Download tool (see Accessories)
- DECT Handsets Unified Support Tool

Regulatory

- EU directives
  - ¬ 2014/53/EU (RED)
  - ¬ 2011/65/EU
  - ¬ 2015/863 (RoHS)

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 47CFR part 15 subpart D
- IC RSS-213

SAR

- EN 50360
- IEC 62209
- FCC OET Bulletin 65
- IEE 1528
- SAR value: 0.035 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)
- Full support of the DECT Security EN300 444 feature N35 and N36, as specified by the DECT forum

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

- 3BN67331AB desktop charger: Charges one handset (with USB cable)
- 3BN67341AA Dual charger: Charges one handset and one spare battery (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
- 3BN67339AB download tool
- 3BN67359AA silicone protection

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