

# Alcatel-Lucent 8212 DECT Handset

The [Alcatel-Lucent 8212 DECT Handset](#) is an entry-level phone that shares the sleek, compact modern design of the DECT product family. This entry level priced handset complements and enriches the existing DECT product line. The 8212 DECT Handset offers telephony features in GAP mode and is supported by Alcatel-Lucent DECT infrastructures. A color screen that provides crystal clear readability makes day-to-day communications activities easier for the mobile workforce.

The 8212 DECT Handset runs on both the 8318 SIP-DECT Single base station, as the new 8378 IP-xBS and TDM IBS/RBS radio infrastructure. It is supported by powerful Alcatel-Lucent communication servers. The 8212 DECT Handset, charger and cable are sold together in one box.



Features	Benefits
Compatible with ALE communication servers and 8318 SIP base stations	Users benefit from business communications using an affordable device
Support of multi-cellular topology (handover) in TDM and IP-xBS	Answer and maintain conversations without interruption while moving through buildings
Robust design IP 40	Compact handset for demanding environments
Software upgrade over the air (SUOTA) through all ALE DECT base stations on OXE and 8318 SIP-DECT single base station	Benefit from over air software updates on all the devices
Backlit color screen	A large color screen and 4-way button provides easy navigation

## Technical specifications

### Physical characteristics

Box contains handset, battery, charger, and safety sheet

- Color: Black
- Graphic display: 1.4 in., 128 x 128 pixels, 65,000 colors
- Display backlight white
- Hands free, mute
- Headset: Jack 3.5 mm, TRRS compliant
- Desktop battery charger
- Dust and water resistance: IP40

### Dimensions

- Height: 135 mm (5.31 in.)
- Width: 42 mm (1.65 in.)
- Depth: 25 mm (0.98 in.)
- Weight: 3.84 oz, 109 g with batteries

### Battery pack

- Easily replaceable 2x 600-mAh Ni-MH batteries
- Talk time: Up to 11 hours
- Standby time: Up to 100 hours
- Charging time: <7 hours

### 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

### Wireless security

- Identity
- Authentication
- Encryption

### Registration

- Up to four systems
- Automatic and manual selection
- Automatic band switching

### Audio codecs

- G726

### Detailed features

- Handset MMI languages: English, French, German, Spanish, Italian, Dutch, Portuguese, Danish, Swedish, Norwegian, Finnish, Turkish, Polski
- Hands-free and microphone mute
- 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 GAP features on:
  - Alcatel-Lucent communication servers
  - TDM and IP-xBS infrastructure
- Call by name:
  - On local directory (50 entries)
  - On OXO Connect or OmniPCX Office RCE directory in TDM mode only on 8318 SIP-DECT single base station
- Local call log:
  - All, answered, dialed, missed
  - Up to 50 call logs
- Contacts:
  - Four numbers per contact
  - Up to 50 contacts
  - Eight speed-dial options
- Audio and LED message signaling
- Automatic date and time recovery on Alcatel-Lucent call servers

### Serviceability

- Diagnostic mode
- USB multiple devices download tool
- SUOTA (Software update over the air) on 8318 SIP-DECT single base on 8378 IP-xBS and IBS/RBS on OmniPCX Enterprise Communication Server

### Software management tool

- USB download tool

### Temperature range

- Operating temperature: -10° C to +45° C (14 to +122°F)
- Storage temperature: -25° C to +55° C (-13° to +131°F)
- Transport temperature: -40° C to +65° C (-40° to +149°F)

### Regulatory

- EU directives
  - 2014/53/EU (RED)
  - 2011/65/EU
  - 2015/863 (RoHS)
  - 2009/125/EC (ErP)

### Eco design

- WEEE: EU Directive 2012/19/EU
- Packaging waste: EU Directive 94/62/EC
- Regulation (EC) No.1275/2008 - Standby and Off mode
- Battery: EU Directive 2006/66/EC

### Safety

- Europe: EN 60950-1
- International: IEC 60950-1
- USA/Canada: CAN/CSA-22.2 No 60950-1UL 60950-1

### EMC and radio

- EN 301 489-1 (Common)
- EN 301 489-6 (DECT)
- IEC/EN61000-4-2 (Level3 criteria B (ESD))
- FCC 47CFR part 15-B Class B
- FCC Part 15D
- AS/NZS CISPR 22
- EN 301 406 V2.1.1 (DECT Previous TBR6)
- Australia/NZ:RF AS/NZS4268
- FCC 47 CFR subpart 15-D
- FCC 47 CFR subpart 15-C
- Canada: RSS-213, RSS-247

### SAR

- Europe: EN 50360
- USA: Limit: ANSI/IEEE C95.1
- USA: Procedures: IEEE 1528: and RF exposure KDB 447498 D01
- Canada: RSS-102 Issue 4
- Australia/NZ: EN62209/IEC 62209
- Australia/NZ: EN62209-2
- SAR value: 0.062 W/kg

### Acoustic shock

- Europe: EG 202 518
- USA/Canada: UL60950-1 Annex NAD 2~4

### Audio, hearing aid

- USA/Canada: Section 68.316 and 68.317 of FCC 47 C.F.R. Part 68 or EIA/TIA-504-A or TIA-1083-A
- Australia/NZ: AS/ACIF S040

## DECT

- EN 300 176-2 (TBR10)
- ETSI TBR22/A1 (GAP)
- ETSI TS 102 841 (security)
- Full support of the DECT Security EN300 444 feature N35 and N36, as specified by the DECT forum

## Local regulations

- Australia: AS/CA S004
- US/Canada: FCC 47 CFR part 68

## Packaging

- 3BN67355AA: 8212 DECT handset with desktop charger
- 3BN07004AA: 8212 DECT handset with desktop charger and European power supply
- 3BN07005AA: 8212 DECT handset with desktop charger and WW power supply
- 3BN070006AA 8318 SIP-DECT single base station & 8212 DECT handset with desktop charger

## Accessories

- 3BN67356AA 8212 DECT handset spare desktop charger
- 3BN67357AA 8212 DECT handset vertical pouch
- 3BN67335AA Power supply Europe
- 3BN67336AA Power supply worldwide
- 3BN67339AB firmware downloader tool