

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 product family. This entry level priced DECT phone complements and enriches the existing DECT product line. The 8212 DECT offers telephony features in GAP mode and is supported by all Alcatel-Lucent DECT infrastructures. Day-to-day communication activities are easier for the mobile workforce by a color screen that provides crystal-clear readability.

The 8212 DECT Handset runs on both the 8340/8340-C IP-DECT Access Point and TDM IBS/RBS radio infrastructure. It is supported by the powerful Alcatel-Lucent communication servers. The 8212 DECT Handset, its charger and cable are sold directly in one box.



FEATURES

- Color screen with large icons and backlighting
- Four-way navigation + OK + three soft keys
- Telephony features
 - Local call log and local contacts
 - Call by name with access to OXO Connect directory in enhanced GAP (TDM only)
 - Eight different speed dial options
- Support of multi cellular topology (handover) in TDM and IP-DECT
- GAP mode
- Hands free
- Headset plug: 3.5 mm
- SUOTA on IP-DECT or 3.5mm jack /USB with flash loader

BENEFITS

- Entry level priced DECT
- Modern design to enrich and complement existing DECT range
- Consistency on look and feel and user experience with DECT range
- One box product that contains charger, cable and two AAA batteries



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
- Automatic band switching for cruise ship applications (requires IP-DECT)

Wireless security

- Identity
- Authentication
- Encryption

Registration

- Up to four systems
- Automatic and manual selection
- Automatic band switching, cruise ship (requires IP-DECT)

Audio codecs

- G726

Detailed features

- Handset MMI languages: English, French, German, Spanish, Italian, Dutch, Portuguese, Danish, Swedish, Norwegian, Finnish, Turkish
- 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-DECT infrastructure
- Call by name:
 - On local directory (50 entries)
 - On OXO Connect or OmniPCX® Office RCE directory in TDM mode only
- 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), requires IP-DECT

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

- R&TTE 2014/53/EU
- LVD2014/35/EU
- EMC 2014/30/EU

Eco design

- WEEE: EU Directive 2012/19/EU
- EU ROHS: EU Directive 2011/65/EU; EN 50581
- Packaging waste: EU Directive 94/62/EC
- Energy Efficiency: 2009/125/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 60950-1 UL 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 1528:2003 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)
- DECT security stepA
- DECT security stepB

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

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

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