

Alcatel-Lucent 8135s IP Conference Phone

One click is all it takes to start or join a meeting with **ALE Unite** mobile app and the Alcatel-Lucent 8135s IP Conference Phone.

This **SIP** device includes all IP voice services and innovative new features for easier conference calls.

The 8135s has everything you need for high quality, efficient distance meetings. It incorporates patented **OmniSound® technology** to deliver crystal-clear, natural HD audio. Thanks to connectivity options, the 8135s is the ideal SIP conference phone for rooms of all sizes, even large auditoriums.

8135s offers a USB port and works perfectly with collaboration solutions, such as Alcatel-Lucent Rainbow and Alcatel-Lucent OpenTouch Conversation.

ALE Unite, available on iOS and Android, lets you manage the 8135s IP Conference phone from your cellular phone. Start scheduled meetings with a tap, call contacts and groups from your personal contact book and control the phone's features during the meeting. It is simple to connect the cellular phone for control (not audio transfer) to the conference phone via Bluetooth. First pairing is easier with NFC (near-field communications) since no code needs to be entered.



Features	Benefits
One-click-calls with ALE Unite mobile app	Easily control the phone from your smartphone Bluetooth
USB port	Connect your PC softphone via the 8135s IP Conference phone
OmniSound audio with full duplex, automatic echo cancellation and noise suppression	Enjoy enterprise-grade quality conversations
SIP connectivity enables connection to the Alcatel-Lucent Communication Server	Leverages the installed base of Alcatel-Lucent Enterprise Communication Server and Interoperability with the survival router for OXE
LDAP client	Call by name with direct access to the company directory through a dedicated key
Retro-compatibility with 4135 IP Conference phone	8135s and 4135 can be mixed on the same installation using the same accessories.

Technical specifications

Physical characteristics

- Width: 240 mm (9.45 in.)
- Height: 77 mm (3.03 in.)
- Weight: 1 kg (2.21 lbs.)
- Color: Licorice black
- Anti-theft protection: Kensington security slot

Display

- Screen resolution: 128 x 64 pixels (5 in. x 2.5 in.)
- Backlit black/white LCD display

Navigation and user interface

- Keys:
 - Alphanumeric 0-9, *, #
 - On, off
 - Call, call hold, end call
 - Mute, volume +/-
 - Contacts
 - Conference guide
- Five keys for menu navigation

Telephony specifications

- Protocols: SIP, LDAP (RFC1777)
- During a call:
 - Put call on hold
 - Call waiting
 - Call park and pick-up
 - Transfer incoming call
 - Request
 - Music on hold
 - Dial plan
- Dialing methods:
 - Phone number
 - SIP URI
 - ALE Unite mobile app
- Multi-party calls:
 - Local five-way audio bridge
 - Two configurable SIP accounts
- Phone book:
 - LDAP
 - Four password-protected user profiles
 - Local directory: Up to 1000 entries per user profile
 - Export/import of contacts
 - Call list
 - Conference guide: 20 groups per user profile, four participants/group
- Call recording: Support for SD and SDHC memory cards

Audio specifications

- Technology:
 - OmniSound with support for HD audio
 - Full duplex
 - Automatic echo cancellation
 - Noise suppression
- Microphone:
 - Omnidirectional 360° reception area
 - Up to 12 people (30 m²)
 - Optional two expansion microphones (70m²)
- Speakers:
 - Frequency range: 200-20,000 Hz
 - Volume: max. 90 dB
 - Sound pressure level (SPL): 0.5 m
- Equalizer: Soft, neutral, bright
- Codecs: G722, G711 A-law, G711 μ -law, G729ab

Connectivity

- Bluetooth
 - Low Energy Profiles
 - GAP and GATT
 - Only for control features, not for audio transfer
- NFC for swift connection to the ALE Unite mobile app
 - NFC Forum Type 4
 - ISO/IEC 14443 Type A support
- USB: 2.0 Mini B port
- Expansion microphones: 2x modular 4/4

Mobile App

- ALE Unite
 - Meeting notification before meeting starts
 - Discovery of nearest 8135s IP Conference Phone: Bluetooth, NFC
 - One touch conferencing
 - Meeting management: Add participants, dial with keypad, mute, hold, split, hang-up
 - Android: Google Play
 - iOS: Apple Store

Telephony protocols

- SIP v2
- DNS SRV (RFC3263)
- NAT traversal: STUN, ICE and TURN
- Connection protocol: SIP 2.0 (RFC 3261 and companion RFCs)

- Signaling protocol: UDP, TCP, TLS and SIPS
- Media protocol: RTP, SRTP
- DTMF tone generation: RFC 4733/2833, SIP INFO, In-band
- Alcatel-Lucent OmniPCX Enterprise R12.0 and above
 - Communication Server redundancy
 - Passive Communication Server local redundancy
- Alcatel-Lucent OXO Connect 3.1 and above

Network and provisioning

- Ethernet 10/100BaseT (IEEE 802.3ab)
- IEEE 802.3af Power over Ethernet (POE), ANSI/TIA-1057 (LLDP-MED)
- DHCP and static IP
- 802.1x Authentication with EAP-TLS
- QoS support: IEEE 802.1p/Q (VLAN), DiffServ
- Configuration methods: Browser (HTTP/HTTPS)
- Support for auto-provisioning with certificate management
- Time servers: NTP and SNTP (RFC4330)
- Additional features: Remote syslog, PCAP-log, unique hostname

Software upgrades

- TFTP/HTTP/HTTPS

Power

- IEEE 802.3af Power over Ethernet (POE) Class III
- Power supply: 100-240 V AC/13.5 V DC

Languages

- Multi-language support (menu): Danish, Dutch, English, Finnish, French, German, Italian, Norwegian, Polish, Russian, Spanish, Swedish and Turkish

Environmental conditions

- Operating temperature: +5° C (+41° F) / +40° C (+104° F)
- Relative humidity: 20% to 80% condensation-free

Regulatory standards

Safety

- EN 60950-1:2006
- IEC/UL/CSA 60950-1

EMC

- EN 301 489-17
- EN 301 489
- EN 301 489-1
- FCC Part 15 subpart B class B
- ICES-003 class B
- EN 55032
- EN 55024 + A1
- EN 61000-3-2
- EN 61000-3-3

Radio

- EN 300 328
- FCC Part 15 subpart C
- RSS-210

Human exposure

- EN 62311
- FCC KDB447498
- RSS-102

Product ships with

- 3MG08015AA:
 - 8135s IP Conference Phone
 - 6.5 m (21 ft.) network cable
 - Safety sheet

- 3MG07040AA
 - 8135s IP Conference Phone
 - 6.5 m (21 ft.) network cable
 - Power supply
 - Two expansion microphones
 - Safety sheet

Accessories

- Power supply: 3GV28133AA
- Two expansion microphones: 3GV28134AA
 - 1.5 m (5 ft.) cable and 2.5 m (8 ft.) cable included
 - Increase the range from 30 m² to 70 m², that is more than double the range

*The OmniSound® technology and brand are owned by Konftel AB. The use of these names by Alcatel-Lucent Enterprise is licensed.