

Alcatel-Lucent 300 Ex DECT Handset

The Alcatel-Lucent 300 Ex Digital Enhanced Cordless Telecommunications (DECT) Handset provides safe and reliable mobile voice communications in hazardous work environments where there is a risk of explosions.

This easy-to-use handset, which is based on the Alcatel-Lucent 300 DECT Handset, delivers efficient voice communications and compatibility with the existing Alcatel-Lucent DECT base station portfolio. It also supports all of the voice services provided by the Alcatel-Lucent OmniPCX Office and Enterprise Communication Servers, which Alcatel-Lucent fixed desk phones support (such as dial-by-name and multi-line management).

To ensure its safe operation, the Alcatel-Lucent 300 Ex DECT Handset is supplied with a specially-designed battery and pouch and must always be used with these accessories. In addition, it must be charged outside of the potentially explosive work environment using a standard Alcatel-Lucent 300/400 DECT single or dual charger.



FEATURES & BENEFITS

- Supports Alcatel-Lucent OmniPCX call protocol
- Lightweight, ergonomic design and intuitive operation
- Display backlight
- Dedicated pouch mandatory for use in potentially explosive work environments
- Dedicated battery mandatory for use in potentially explosive work environments
- Vibrate mode disabled for increased safety in potentially explosive work environments
- Safe mobile voice communications in potentially explosive work environments
- Global portability through software-programmable country adaptations (frequency and power) that allow a single 300 Ex DECT handset to be used in multiple countries
- Infrastructure investment protection (compatible with deployed Alcatel-Lucent DECT base stations)¹
- High voice quality and advanced business telephony features throughout the workplace for faster response times and increased productivity
- Long battery life (Lithium-ion technology)
- Durability in harsh environments

¹ Under Alcatel-Lucent OmniPCX Communication Servers software support policy.

TECHNICAL SPECIFICATIONS

300 EX DECT CHARACTERISTICS

MECHANICAL

Dimensions : height x width x depth (in.)	4.72 x 1.77 x 0.87
Dimensions : height x width x depth (mm)	120 x 45 x 22
Weight (oz)	3.9
Weight (g)	110
Graphic display (pixels)	96 x 48 Monochrome LCD
Speakerphone	No
Backlight	Display (blue)
Vibrate mode	No ²
Headset connection	No
Color (front panel/keypad/navigator)	Black/silver/chrome

SOFTWARE

Radio	DECT/GAP
Radio frequency range	<ul style="list-style-type: none"> • 1.88 GHz – 1.90 GHz (Europe) • 1.91 GHz – 1.93 GHz (South America) • 1.92 GHz – 1.93 GHz (U.S.) with power adaptation
Serviceability	Firmware upgrade through dummy battery equipped with USB link
Telephony protocol	Alcatel-Lucent OmniPCX

BATTERIES

Battery pack	Lithium-ion ³
Talk time	Up to 10 hours
Standby time	Up to 150 hours
Charge time	3 hours, 30 minutes

CHARGERS

Basic	Yes ⁴
Dual	Yes ⁴

CARRYING CASES

Belt clip	Yes
Swivel carrying case with keypad cover	Yes ³

ACCESSORIES

Headset	No
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ENVIRONMENTAL AND REGULATORY

Climatic and mechanical environment compliance	ETS 300 019-1. In use Class 7.2
Operating temperature	23°F to 113°F (-5°C to 45°C)
Shock resistance (vibration and drop tests)	ETS 300 019-1-7
EMC classification: ETS 301 489-1	Portable use
Explosive environment and safety compliance	<ul style="list-style-type: none"> • ATEX EN 60079-0 and EN 60079-11 • IECEx IEC 60079-0 and IEC 60079-11 • NEC500 FM 3600 and FM 3610 <ul style="list-style-type: none"> • NEC505 FM 3600 • CEC C22.2 No. 60079-0 and E60079-11

² Disabled for increased safety in potentially explosive work environments.

³ Dedicated item. Mandatory for use in potentially explosive work environments.

⁴ Must be used outside of the potentially explosive work environment to ensure safe operation.

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