

Alcatel-Lucent IP Touch 310/610 WLAN Handsets

The Alcatel-Lucent IP Touch 310/610 wireless LAN (WLAN) handsets provide a convenient and practical solution for any business environment. Both handsets are equipped with IEEE 802.11a/b/g standard radio support so that businesses can choose the WiFi implementation that best addresses their need for application segmentation, interference mitigation and user density.



The Alcatel-Lucent IP Touch 310 WLAN handset meets most office mobility needs. The Alcatel-Lucent IP Touch 610 WLAN handset extends the capabilities of the IP Touch 310 WLAN handset to include a larger earpiece for improved sound quality and push-to-talk capabilities for workgroup communications.



FEATURES & BENEFITS

- Supports Alcatel-Lucent OmniPCX telephony protocol
- Supports IEEE 802.11a/b/g radio
- Leverages the wireless LAN for voice and data applications
- Delivers high voice quality using standardized 802.11 QoS on OmniAccess WLAN infrastructure or the proprietary SpectraLink Voice Priority (SVP) server
- Supports seamless handover based on the OmniAccess WLAN infrastructure
- Provides direct key access to dial-by-name and speakerphone functions
- Supports over-the-air software upgrades
- Supports quick phone parameter configuration through the USB cradle station
- Infrastructure investment protection (compatible with 802.11a/b/g radio networks and WLAN infrastructure standards)
- Delivers business telephony features throughout the workplace, contributing to improved end user responsiveness and productivity
- Interchangeable battery units to support the most demanding enterprise usage requirements
- Enhanced durability (shock, vibration, liquid and dust resistance)
- Support for both existing 300/600 WLAN handsets and the new 310/610 WLAN handsets on existing infrastructures equipped with an SVP server
- Support for wireless security: WiFi Protected Access (WPA and WPA2) and Wireless Encryption Protocol (WEP)

TECHNICAL SPECIFICATIONS

CHARACTERISTICS	IP TOUCH 310 WLAN	IP TOUCH 610 WLAN
MECHANICAL		
Dimensions: height x width x depth (in.)	5.4 x 2.0 x 0.9	5.7 x 2.0 x 0.9
Dimensions: height x width x depth (mm)	137 x 51 x 23	145 x 51 x 23
Weight (oz)	3.9 – 4.8*	3.9 – 4.8*
Weight (g)	111 – 137*	111 – 137*
Graphic display (pixels)	128 x 96 Monochrome LCD	128 x 96 Monochrome LCD
Speakerphone	Yes	Yes
Backlight	Display and keypad	Display and keypad
Vibrate	Yes	Yes
Headset connection	Yes	Yes
Color (front panel/bezel/navigator)	Gray/bronze/silver	Charcoal gray/silver/silver
SOFTWARE		
Wireless standards	IEEE 802.11a/b/g	IEEE 802.11a/b/g
Radio frequency range	• 2.4 GHz – 2.4835 GHz ("b" and "g") • 5.15 GHz – 5.35 GHz and 5.725 GHz – 5.825 GHz ("a" in North America) • 5.15 GHz – 5.35 GHz and 5.47 GHz – 5.725 GHz ("a" in Europe)	• 2.4 GHz – 2.4835 GHz ("b" and "g") • 5.15 GHz – 5.35 GHz and 5.725 GHz – 5.825 GHz ("a" in North America) • 5.15 GHz – 5.35 GHz and 5.47 GHz – 5.725 GHz ("a" in Europe)
Radio frequency output power	• Adjustable through configuration • Up to 100 mW	• Adjustable through configuration • Up to 100 mW
Serviceability	• Site survey tool • Diagnostic mode • Syslog mode • Software upgrade through TFTP	• Site survey tool • Diagnostic mode • Syslog mode • Software upgrade through TFTP
Quality of service	• SVP mode • Standardized: - WMM (EDCA) - WMM Power Save (U-APSD) - Traffic Specification (TSPEC)	• SVP mode • Standardized: - WMM (EDCA) - WMM Power Save (U-APSD) - Traffic Specification (TSPEC)
Telephony protocols	• SRP (SpectraLink Radio Protocol) • Alcatel-Lucent OmniPCX	• SRP (SpectraLink Radio Protocol) • Alcatel-Lucent OmniPCX
Ring tones	10 user-selectable with 8-step volume control	10 user-selectable with 8-step volume control
Audio codecs	ITU-T G.711 (A and μ law), G.729AB	ITU-T G.711 (A and μ law), G.729AB
Wireless security	WEP 40 and 128-bit, WPA/PSK and WPA2/PSK, Cisco FSR	WEP, WPA/PSK and WPA2/PSK, Cisco FSR
Configuration tool	Manual or through USB cradle station	Manual or through USB cradle station
Push-to-talk feature	No	Yes
BATTERIES		
Battery pack	• Lithium-ion • 3 types (Standard, Extended, Ultra extended)	• Lithium-ion • 3 types (Standard, Extended, Ultra extended)
Talk time	• Standard: up to 4 hours • Extended: up to 6 hours • Ultra extended: up to 8 hours	• Standard: up to 4 hours • Extended: up to 6 hours • Ultra extended: up to 8 hours
Standby time	• Standard: up to 80 hours • Extended: up to 120 hours • Ultra extended: up to 160 hours	• Standard: up to 80 hours • Extended: up to 120 hours • Ultra extended: up to 160 hours
Charge time	• Standard: 2 hours • Extended: 3 hours • Ultra extended: 4 hours	• Standard: 2 hours • Extended: 3 hours • Ultra extended: 4 hours

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*Depending on handset and battery pack.

CHARACTERISTICS (continued)	IP TOUCH 310 WLAN	IP TOUCH 610 WLAN
CHARGERS		
Basic	Yes	Yes
Dual	Yes (including configuration cradle through USB link for software upgrade)	Yes (including configuration cradle through USB link for software upgrade)
Quad	Yes	Yes
CARRYING CASES		
Belt clip	Option	Option
Swivel carrying case with keypad cover	Option	Option
Holster	Option	Option
ACCESSORIES		
Headset	Option/Jack 2.5 mm	Option/Jack 2.5 mm
Lanyard	Option	Option
LANGUAGES		
	Dutch, English, French, German, Italian, Portuguese, Spanish	Dutch, English, French, German, Italian, Portuguese, Spanish
ENVIRONMENTAL AND REGULATORY		
	• Operating temperature: 32°F to 113°F (0°C to 45°C) • Degree of protection provided by enclosure: IP53 • Shock resistance: MIL 810F Proc IV 516.5 (drop tests) • EMC classification: ETS 301 489-1: portable use	• Operating temperature: 32°F to 113°F (0°C to 45°C) • Degree of protection provided by enclosure: IP53 • Shock resistance: MIL 810F Proc IV 516.5 (drop tests) • EMC classification ETS 301 489-1: portable use



