

## 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)

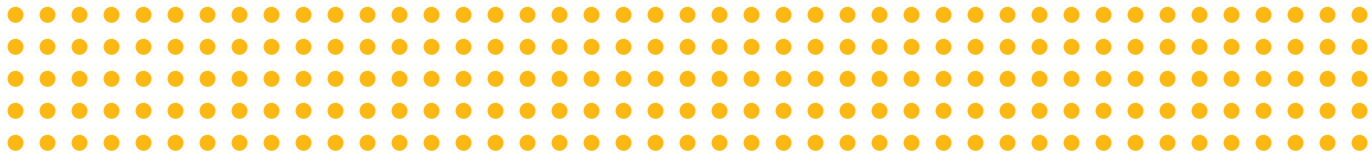
## TECHNICAL SPECIFICATIONS

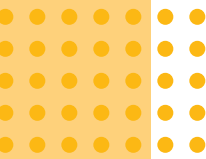
CHARACTERISTICS	IP TOUCH 310 WLAN	IP TOUCH 610 WLAN
<b>MECHANICAL</b>		
Dimensions: height x width x depth (in.)	5.4 x 2.0 x 0.9	5.7 x 2.0 x 0.9
Dimensions: height x width x depth (mm)	137 x 51 x 23	145 x 51 x 23
Weight (oz)	3.9 – 4.8*	3.9 – 4.8*
Weight (g)	111 – 137*	111 – 137*
Graphic display (pixels)	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
<b>SOFTWARE</b>		
Wireless standards	IEEE 802.11a/b/g	IEEE 802.11a/b/g
Radio frequency range	<ul style="list-style-type: none"> <li>• 2.4 GHz – 2.4835 GHz ("b" and "g")</li> <li>• 5.15 GHz – 5.35 GHz and 5.725 GHz – 5.825 GHz ("a" in North America)</li> <li>• 5.15 GHz – 5.35 GHz and 5.47 GHz – 5.725 GHz ("a" in Europe)</li> </ul>	<ul style="list-style-type: none"> <li>• 2.4 GHz – 2.4835 GHz ("b" and "g")</li> <li>• 5.15 GHz – 5.35 GHz and 5.725 GHz – 5.825 GHz ("a" in North America)</li> <li>• 5.15 GHz – 5.35 GHz and 5.47 GHz – 5.725 GHz ("a" in Europe)</li> </ul>
Radio frequency output power	<ul style="list-style-type: none"> <li>• Adjustable through configuration</li> <li>• Up to 100 mW</li> </ul>	<ul style="list-style-type: none"> <li>• Adjustable through configuration</li> <li>• Up to 100 mW</li> </ul>
Serviceability	<ul style="list-style-type: none"> <li>• Site survey tool</li> <li>• Diagnostic mode</li> <li>• Syslog mode</li> <li>• Software upgrade through TFTP</li> </ul>	<ul style="list-style-type: none"> <li>• Site survey tool</li> <li>• Diagnostic mode</li> <li>• Syslog mode</li> <li>• Software upgrade through TFTP</li> </ul>
Quality of service	<ul style="list-style-type: none"> <li>• SVP mode</li> <li>• Standardized: <ul style="list-style-type: none"> <li>- WMM (EDCA)</li> <li>- WMM Power Save (U-APSD)</li> <li>- Traffic Specification (TSPEC)</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• SVP mode</li> <li>• Standardized: <ul style="list-style-type: none"> <li>- WMM (EDCA)</li> <li>- WMM Power Save (U-APSD)</li> <li>- Traffic Specification (TSPEC)</li> </ul> </li> </ul>
Telephony protocols	<ul style="list-style-type: none"> <li>• SRP (SpectraLink Radio Protocol)</li> <li>• Alcatel-Lucent OmniPCX</li> </ul>	<ul style="list-style-type: none"> <li>• SRP (SpectraLink Radio Protocol)</li> <li>• Alcatel-Lucent OmniPCX</li> </ul>
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 $\mu$ law), G.729AB	ITU-T G.711 (A and $\mu$ 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
<b>BATTERIES</b>		
Battery pack	<ul style="list-style-type: none"> <li>• Lithium-ion</li> <li>• 3 types (Standard, Extended, Ultra extended)</li> </ul>	<ul style="list-style-type: none"> <li>• Lithium-ion</li> <li>• 3 types (Standard, Extended, Ultra extended)</li> </ul>
Talk time	<ul style="list-style-type: none"> <li>• Standard: up to 4 hours</li> <li>• Extended: up to 6 hours</li> <li>• Ultra extended: up to 8 hours</li> </ul>	<ul style="list-style-type: none"> <li>• Standard: up to 4 hours</li> <li>• Extended: up to 6 hours</li> <li>• Ultra extended: up to 8 hours</li> </ul>
Standby time	<ul style="list-style-type: none"> <li>• Standard: up to 80 hours</li> <li>• Extended: up to 120 hours</li> <li>• Ultra extended: up to 160 hours</li> </ul>	<ul style="list-style-type: none"> <li>• Standard: up to 80 hours</li> <li>• Extended: up to 120 hours</li> <li>• Ultra extended: up to 160 hours</li> </ul>
Charge time	<ul style="list-style-type: none"> <li>• Standard: 2 hours</li> <li>• Extended: 3 hours</li> <li>• Ultra extended: 4 hours</li> </ul>	<ul style="list-style-type: none"> <li>• Standard: 2 hours</li> <li>• Extended: 3 hours</li> <li>• Ultra extended: 4 hours</li> </ul>

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\*Depending on handset and battery pack.

CHARACTERISTICS (continued)	IP TOUCH 310 WLAN	IP TOUCH 610 WLAN
<b>CHARGERS</b>		
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
<b>CARRYING CASES</b>		
Belt clip	Option	Option
Swivel carrying case with keypad cover	Option	Option
Holster	Option	Option
<b>ACCESSORIES</b>		
Headset	Option/Jack 2.5 mm	Option/Jack 2.5 mm
Lanyard	Option	Option
<b>LANGUAGES</b>		
	Dutch, English, French, German, Italian, Portuguese, Spanish	Dutch, English, French, German, Italian, Portuguese, Spanish
<b>ENVIRONMENTAL AND REGULATORY</b>		
	<ul style="list-style-type: none"> <li>• Operating temperature: 32°F to 113°F (0°C to 45°C)</li> <li>• Degree of protection provided by enclosure: IP53</li> <li>• Shock resistance: MIL 810F Proc IV 516.5 (drop tests)</li> <li>• EMC classification: ETS 301 489-1: portable use</li> </ul>	<ul style="list-style-type: none"> <li>• Operating temperature: 32°F to 113°F (0°C to 45°C)</li> <li>• Degree of protection provided by enclosure: IP53</li> <li>• Shock resistance: MIL 810F Proc IV 516.5 (drop tests)</li> <li>• EMC classification ETS 301 489-1: portable use</li> </ul>





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