

# Lightpath Voice

Hardware Guide

September 2025

Lightpath

# Lightpath – Yealink Phones

Phone Standard T53W	Phone Upgrade T57W	Cordless Phone W56H Handset and W70B Base Station	Conference Phone CP965	Sidecar EXP50 (Compatible with Phone Upgrade T57W)
<p>Entry-level phone, well suited for common workspace</p> <ul style="list-style-type: none"> <li>3.7" 360x160-pixel graphical display, fully adjustable</li> <li>8 line keys, 12 SIP accounts, 21 memory keys</li> <li>USB port integrated for call recording and wireless USB headset</li> <li>Built in Bluetooth &amp; Wi-Fi</li> </ul>	<ul style="list-style-type: none"> <li>Premium-level phone for executives and busy managers with heavy call load</li> <li>7" 800x480-pixel color touch display, fully adjustable</li> <li>29 touch keys, 16 SIP accounts</li> <li>USB port integrated for call recording and wireless headset</li> <li>Built in Bluetooth &amp; Wi-Fi</li> </ul>	<ul style="list-style-type: none"> <li>Up to 20 simultaneous calls</li> <li>Up to 10 DECT cordless handsets or DECT headsets</li> <li>Up to 10 SIP accounts</li> <li>Noise Reduction System</li> <li>TLS and SRTP security encryption</li> <li>No Perception Upgrade</li> <li>Support Push-to-Talk</li> </ul>	<p>General Features</p> <ul style="list-style-type: none"> <li>5" capacitive touch screen</li> <li>Black acoustics fabric, resistant to water/oil/stain</li> </ul> <p>Audio Features</p> <ul style="list-style-type: none"> <li>Optimal HD audio</li> <li>Yealink Noise Proof Technology, Smart Noise Filtering</li> <li>20-foot (6-meter) microphone pickup range</li> <li>Built-in 12-microphone array for 360-degree voice pickup</li> <li>Built-in microphone for noise cancellation</li> <li>Built in Bluetooth &amp; Wi-Fi</li> </ul>	<ul style="list-style-type: none"> <li>4.3" color display with backlight</li> <li><b>60 keys per sidecar (20 per page) with dual-color LED indicator</b></li> <li><b>Supports up to 3 modules daisy-chain</b></li> <li>3 control keys with illuminated LED for fast page switch</li> <li>Stand with 2 adjustable angles</li> <li>USB port (2.0 compliant) for data in and out</li> </ul>
 <p>LP UC</p>	 <p>LP UC</p>	 <p>LP UC</p>	 <p>LP UC</p>	 <p>LP UC</p>

# Lightpath – HP Phones

Phone Standard E220	Phone Upgrade E450*	Cordless Phone Rove 30 handset and B2 base station	Conference Phone C60	Sidecar EdgeE* (Compatible with Phone Upgrade E450)
<p>The Poly Edge E220 is a modern SIP IP desk phone ideal for offices and shared spaces. 4 line keys (up to 16 lines), with soft keys for flexible use</p> <ul style="list-style-type: none"> <li>• 2.8" color display with accessibility support</li> <li>• HD audio with Acoustic Fence and NoiseBlockAI for clear calls</li> <li>• Dual Gigabit Ethernet (PoE), USB-C, RJ-9 headset jack, and Bluetooth 5.0</li> <li>• Durable design with antimicrobial protection and advanced security.</li> </ul>	<p>The Poly Edge E450 is a high-end SIP IP phone ideal for offices, hot-desking, and remote work.</p> <ul style="list-style-type: none"> <li>• Dual color displays, supporting up to: <b>+ 44 line keys on phone, or + 20 line keys on phone and 22 on expansion module when attached.</b></li> <li>• HD audio with Acoustic Fence and NoiseBlockAI for clear, noise-free calls</li> <li>• Multiple connectivity options: Gigabit Ethernet (PoE), USB-C, Bluetooth 5.0, Wi-Fi, RJ-9, and NFC</li> <li>• Smart extras: RGB status lightbar, antimicrobial protection, and 3-way conferencing.</li> </ul>	<p>Poly Rove 30 Handset</p> <ul style="list-style-type: none"> <li>• Rugged, IP65-rated, and antimicrobial, the Rove 30 features a 2.4" color display, HD audio with noise suppression, and PTT support.</li> <li>• It handles up to 20 lines with 2 concurrent calls and offers long battery life—up to 18 hours talk time.</li> </ul> <p>Poly Rove B2 Base Station</p> <ul style="list-style-type: none"> <li>• Provides secure DECT coverage (up to 165 ft indoors / 980 ft outdoors) and supports up to 20 handsets with 10–20 concurrent calls.</li> </ul>	<p>Display &amp; Interface</p> <ul style="list-style-type: none"> <li>• Screen: 5" color touchscreen (720x1280 resolution)</li> <li>• Interface: Capacitive touch with gesture support</li> <li>• Proximity Sensor: Auto-wake feature</li> </ul> <p>Audio Features</p> <ul style="list-style-type: none"> <li>• Microphones: 3 built-in cardioid mics, 360° coverage</li> <li>• Pickup Range: Up to 20 ft (6 m)</li> <li>• Speaker Frequency: Up to 22 kHz (Poly HD Voice)</li> <li>• Audio Tech: Acoustic Clarity, NoiseBlockAI, and full-duplex audio</li> </ul>	<ul style="list-style-type: none"> <li>• 5" color LCD – high-resolution (480 × 800 px) display for clear visibility</li> <li>• <b>20 line keys on E450 phone and 22 on sidecar when attached.</b></li> <li>• <b>One (1) Sidecar max per E450.</b></li> <li>• USB-C connectivity – links to the phone and provides a port for headset charging or daisy-chaining</li> <li>• Perfect for power users – ideal for attendants or busy desktops, enabling speed dial, call monitoring, and quick transfers</li> <li>• Plug-and-play: No extra cables needed.</li> </ul>
 <p><b>BHV &amp; LP UC</b></p>	 <p><b>BHV &amp; LP UC</b></p>	 <p><b>BHV only</b></p>	 <p><b>BHV only</b></p>	 <p><b>BHV &amp; LP UC</b></p>

\* Please ensure the number of line keys on the phones and sidecars are enough to meet your requirements. If they do not, we recommend utilizing Yealink phones.

# Lightpath – Overhead Paging

Required information that Lightpath team needs:

1. LP UC Managed or LP UC.
2. Identify the make and model of the paging amplifier currently in use by the Customer.

<p style="text-align: center;"><b>BHV &amp; LP UC Managed</b></p> <p>Overhead paging can be supported via an analog FXS port on the IAD, connected to the Customer’s existing paging amplifier.</p> <p><u>Bogen UT11</u></p>	 A black, rack-mountable device with a perforated top. The front panel features various ports and controls, including a power switch, a volume knob, and several green terminal blocks. The text "BOGEN COMMUNICATIONS, INC." and "UT11 UNIVERSAL TELEPHONE PAGING INTERFACE" is visible on the front.
<p style="text-align: center;"><b>BHV</b></p> <p>The Algo 8301 SIP Paging Adapter can be deployed with no IAD at the Customer site.</p> <p><u>Algo 8301</u></p> <p><i>LP UC - pending enhancement from Intermedia</i></p>	 A silver, rectangular metal device with a black front panel. The word "ALGO" is printed in large black letters on the top surface. The front panel includes a network port, a power button, and several indicator lights.