

# Lightpath Voice

Hardware Guide

July 2025

Lightpath

# Lightpath – Yealink Phones

Phone Standard <b>T53W</b>	Phone Upgrade <b>T57W</b>	Cordless Phone <b>W56H Handset and W70B Base Station</b>	Conference Phone <b>CP965</b>	Sidebar <b>EXP50</b>
<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><b>General Features</b></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><b>Audio Features</b></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>· 20 physical keys with dual-color LED indicator</li> <li>· 3 control keys with illuminated LED for fast page switch</li> <li>· Supports up to 3 modules daisy-chain</li> <li>· Stand with 2 adjustable angles</li> <li>· USB port (2.0 compliant) for data in and out</li> </ul>
				
LP UC	LP UC	LP UC	LP UC	LP UC

# Lightpath – HP Phones

Phone Standard E220	Phone Upgrade E450	Cordless Phone Rove 30 handset and B2 base station	Conference Phone C60	Sidecar EdgeE
<p>The Poly Edge E220 is a modern SIP IP desk phone ideal for offices and shared spaces.</p> <p>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, noise-free 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 and 14 line/feature keys, supporting up to 32 lines</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><b>Poly Rove 30 Handset</b></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><b>Poly Rove B2 Base Station</b></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><b>Display &amp; Interface</b></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><b>Audio Features</b></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, NoiseBlock AI, 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>• 22 line keys per page × 3 pages – up to 66 programmable contacts/BLFs per module</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>
				
<b>BHV &amp; LP UC</b>	<b>BHV &amp; LP UC</b>	<b>BHV only</b>	<b>BHV only</b>	<b>BHV &amp; LP UC</b>

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# 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.

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## BHV & LP UC Managed

Overhead paging can be supported via an analog FXS port on the IAD, connected to the Customer's existing paging amplifier.

### Bogen UTI1



## BHV

The Algo 8301 SIP Paging Adapter can be deployed with no IAD at the Customer site.

### Algo 8301

*LP UC - pending enhancement from Intermedia*



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