






Lightpath Voice

Hardware Guide

July 2025

Lightpath – Yealink Phones

Phone Standard T53W	Phone Upgrade T57W	Cordless Phone W56H Handset and W70B Base Station	Conference Phone CP965	Sidecar EXP50
<p>Entry-level phone, well suited for common workspace</p> <ul style="list-style-type: none">• 3.7" 360x160-pixel graphical display, fully adjustable• 8 line keys, 12 SIP accounts, 21 memory keys• USB port integrated for call recording and wireless USB headset• Built in Bluetooth & Wi-Fi	<ul style="list-style-type: none">• Premium-level phone for executives and busy managers with heavy call load• 7" 800x480-pixel color touch display, fully adjustable• 29 touch keys, 16 SIP accounts• USB port integrated for call recording and wireless headset• Built in Bluetooth & Wi-Fi	<ul style="list-style-type: none">• Up to 20 simultaneous calls• Up to 10 DECT cordless handsets or DECT headsets• Up to 10 SIP accounts• Noise Reduction System• TLS and SRTP security encryption• No Perception Upgrade• Support Push-to-Talk	<p>General Features</p> <ul style="list-style-type: none">• 5" capacitive touch screen• Black acoustics fabric, resistant to water/oil/stain <p>Audio Features</p> <ul style="list-style-type: none">• Optimal HD audio• Yealink Noise Proof Technology, Smart Noise Filtering• 20-foot (6-meter) microphone pickup range• Built-in 12-microphone array for 360-degree voice pickup• Built-in microphone for noise cancellation• Built in Bluetooth & Wi-Fi	<ul style="list-style-type: none">• 4.3" color display with backlight• 20 physical keys with dual-color LED indicator• 3 control keys with illuminated LED for fast page switch• Supports up to 3 modules daisy-chain• Stand with 2 adjustable angles• USB port (2.0 compliant) for data in and out
 <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
<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">• 2.8" color display with accessibility support• HD audio with Acoustic Fence and NoiseBlockAI for clear calls• Dual Gigabit Ethernet (PoE), USB-C, RJ-9 headset jack, and Bluetooth 5.0• Durable design with antimicrobial protection and advanced security.	<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">• Dual color displays and 14 line/feature keys, supporting up to 32 lines• HD audio with Acoustic Fence and NoiseBlockAI for clear, noise-free calls• Multiple connectivity options: Gigabit Ethernet (PoE), USB-C, Bluetooth 5.0, Wi-Fi, RJ-9, and NFC• Smart extras: RGB status lightbar, antimicrobial protection, and 3-way conferencing	<p>Poly Rove 30 Handset</p> <ul style="list-style-type: none">• Rugged, IP65-rated, and antimicrobial, the Rove 30 features a 2.4" color display, HD audio with noise suppression, and PTT support.• It handles up to 20 lines with 2 concurrent calls and offers long battery life—up to 18 hours talk time. <p>Poly Rove B2 Base Station</p> <ul style="list-style-type: none">• Provides secure DECT coverage (up to 165 ft indoors / 980 ft outdoors) and supports up to 20 handsets with 10–20 concurrent calls.	<p>Display & Interface</p> <ul style="list-style-type: none">• Screen: 5" color touchscreen (720x1280 resolution)• Interface: Capacitive touch with gesture support• Proximity Sensor: Auto-wake feature <p>Audio Features</p> <ul style="list-style-type: none">• Microphones: 3 built-in cardioid mics, 360° coverage• Pickup Range: Up to 20 ft (6 m)• Speaker Frequency: Up to 22 kHz (Poly HD Voice)• Audio Tech: Acoustic Clarity, NoiseBlock AI, and full-duplex audio	<ul style="list-style-type: none">• 5" color LCD – high-resolution (480 × 800 px) display for clear visibility• 22 line keys per page × 3 pages – up to 66 programmable contacts/BLFs per module• USB-C connectivity – links to the phone and provides a port for headset charging or daisy-chaining• Perfect for power users – ideal for attendants or busy desktops, enabling speed dial, call monitoring, and quick transfers• Plug-and-play: No extra cables needed.
				
BHV & LP UC	BHV & LP UC	BHV only	BHV only	BHV & LP UC

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.

<div>BHV & LP UC Managed</div> <div>Overhead paging can be supported via an analog FXS port on the IAD, connected to the Customer’s existing paging amplifier.</div> <div><u>Bogen UTI1</u></div>	
<div>BHV</div> <div>The Algo 8301 SIP Paging Adapter can be deployed with no IAD at the Customer site.</div> <div><u>Algo 8301</u></div> <div>LP UC – pending enhancement from Intermedia</div>	