

Lightpath Voice

BHV and LP UC Hardware Guide

June 2026

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)
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 • 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.	The Poly Edge E450 is a high-end SIP IP phone ideal for offices, hot-desking, and remote work. • Dual color displays, supporting up to: + 44 line keys on phone, or + 20 line keys on phone and 22 on expansion module when attached. • 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.	Poly Rove 30 Handset • 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. Poly Rove B2 Base Station • Provides secure DECT coverage (up to 165 ft indoors / 980 ft outdoors) and supports up to 20 handsets with 10–20 concurrent calls.	Display & Interface • Screen: 5" color touchscreen (720x1280 resolution) • Interface: Capacitive touch with gesture support • Proximity Sensor: Auto-wake feature Audio Features • 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, NoiseBlockAI, and full-duplex audio	• 5" color LCD – high-resolution (480 × 800 px) display for clear visibility • 20 line keys on E450 phone and 22 on sidecar when attached. • One (1) Sidecar max per E450. • 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

* 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 – Yealink Phones – July 2026

Phone Standard T73W * NEW *	Phone Upgrade T85W * NEW *	Sidecar EXP55 * NEW *	Cordless Phone W56H Handset and W70B Base Station	Conference Phone CP965
Prime Business Phone • 2.8” 320x240 color pixel display with backlight • 8 line keys, 12 SIP accounts, 40 memory keys • USB port integrated for call recording and wireless USB headset • Built in Bluetooth 5.0 & Dual Band Wi-Fi 6 • Support for up to 3 EXP55 color expansion modules • Wall Mount: WMB-T7 • Power Supply: PS5V2000US	Ultra Prime Business Phone for executives and busy managers with heavy call load • 5.5” 960x480 pixel 16bit color display, fully adjustable • 12 line keys, 16 SIP accounts, 60 memory keys • USB port integrated for call recording and wireless headset • Built in Bluetooth & Dual Band Wi-Fi 6 • Support for up to 3 EXP55 color expansion modules • Wall Mount: WMB-T8 • Power Supply: PS5V2000US	• Compatible with T73W and T85W • 5.5" 480x960 pixel color display with backlight • 78 keys per sidecar (26 per page) with dual-color LED indicator • 3 control keys with illuminated LED for fast page switch • Stand with 2 adjustable angles • First sidecar is powered by the phone. • Two or more sidecars require an additional power supply for each. • Power Supply: PS5V2000US	• 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	General Features • 5" capacitive touch screen • Black acoustics fabric, resistant to water/oil/stain Audio Features • 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
 LP UC	 LP UC	 LP UC	 LP UC	 LP UC

LP UC does not support BYOD

Lightpath – Yealink Phones – Pre July 2026

Phone Standard T53W	Phone Upgrade T57W	Cordless Phone W56H Handset and W70B Base Station	Conference Phone CP965	Sidecar EXP50 (Compatible with Phone Upgrade T57W)
Entry-level phone, well suited for common workspace 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	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	- 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	General Features 5" capacitive touch screen - Black acoustics fabric, resistant to water/oil/stain Audio Features - 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	4.3" color display with backlight 60 keys per sidecar (20 per page) with dual-color LED indicator Supports up to 3 modules daisy-chain Two or more sidecars require an additional power supply. 3 control keys with illuminated LED for fast page switch - Stand with 2 adjustable angles - USB port (2.0 compliant) for data in and out
 LP UC	 LP UC	 LP UC	 LP UC	 LP UC

LP UC does not support BYOD

Lightpath – Overhead Paging

Required information that Lightpath team needs:

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

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. <u>Bogen UTI1</u>	
BHV The Algo 8301 SIP Paging Adapter can be deployed with no IAD at the Customer site. <u>Algo 8301</u>	