



# IPX930

## Entry Level IP Phone

CLIXXO IPX930 is an entry-level IP Phone. It has 128x48 black and white screen, and support HD voice, 2 SIP accounts, PoE, 6-party conference etc rich functions. It provides a high-quality and convenient experience for users at an affordable price.

### Highlights

- ☑ 2 SIP lines, SIP hotspot
- ☑ 1000 local phonebook, caller ID, call hold, call transfer
- ☑ HD audio on speakerphone
- ☑ Opus voice: can handle a variety of audio applications, including IP voice Multiparty conference, etc.
- ☑ Support 6-ways local conference
- ☑ Support EHS wireless headset
- ☑ integrated PoE
- ☑ Stand with 2 adjustable angles of 45 and 50 degrees
- ☑ Compatible with major platforms



### Generic

- 2 SIP Lines
- HD Voice
- PoE Enabled
- Handset / Hands-free / Headset mode
- Desktop Stand / Wall-mounted (need an additional wall hanging parts)
- Optional External Power Supply

### Phone Functions

- Local Phonebook (1000 entries)
- Remote Phonebook (XML/LDAP, 1000 entries)
- Call logs (In/Out/Missed, 600 entries)
- Blocked List/Allowed List
- Voice Message Waiting Indication (VMWI)
- Programmable DSS/Soft keys
- Network Time Synchronization
- Support EHS wireless headset
- Support Recording (Through Server)
- Action URL / Active URI

### Call Functions

- Call out / Answer / Reject
- Mute / Unmute (Microphone)
- Call Hold / Resume
- Call Waiting
- Intercom
- Caller ID Display
- Speed Dial
- Anonymous Call (Hide Caller ID)
- Call Forward (Always/Busy/No Answer)
- Call Transfer (Attended/Unattended)
- Call Parking/Pick-up (Depending on server)
- Redial
- Do-Not-Disturb
- Auto-Answering
- Voice Message (With server)
- 6-way Conference
- Hot Line
- Hot desking



## Audio

- HD Voice Microphone/Speaker (Handset/Hands-free, 0~7KHz Frequency Response)
- Wideband ADC/DAC 16KHz Sampling
- Narrowband Codec: G.711a/u, G.729A/B, iLBC
- Wideband Codec: G.722, Opus
- Full-duplex Acoustic Echo Canceller (AEC)
- Voice Activity Detection (VAD) / Comfort Noise Generation (CNG) / Background Noise Estimation (BNE) / Noise Reduction (NR) / Automatic Gain Control (AGC)
- Packet Loss Concealment (PLC)
- Dynamic Adaptive Jitter Buffer
- DTMF: In-band, Out-of-Band (RFC2833/ SIP INFO)
- VQM voice quality monitoring

## Network

- Physical: 10/100 Mbps Ethernet, dual bridged port for PC
- IP Mode: IPv4/IPv6
- IP Configuration: Static IP / DHCP / PPPoE
- Network Access Control: 802.1x
- VPN: L2TP / OpenVPN
- VLAN
- LLDP
- QoS
- RTCP-XR (RFC3611), VQ-RTCPXR (RFC6035)

## Protocols

- SIP2.0 over UDP/TCP/TLS
- RTP/RTCP/SRTP
- STUN
- DHCP
- LLDP
- PPPoE
- 802.1x
- L2TP
- OpenVPN
- SNTP
- FTP/TFTP
- HTTP/HTTPS
- TR-069
- AES128 & ARS256

## Deployment & Management

- Auto-Provisioning via FTP/TFTP/HTTP/HTTPS/DHCP OPT66/SIP PNP/TR-069
- Web Management Portal
- Web-based Packet Dump
- Configuration Export / Import
- Phonebook Import/Export
- Firmware Upgrade
- Syslog
- uaCSTA

## Physical Specifications

- Main LCD: Black & White screen with backlight
- Keypad: 33 keys, including
  - 4 Soft-keys
  - 9Function keys (Hold/Transfer/Voice message/Conference/Phonebook /MWI/Headset/Redial/Hands-free)
  - 4 Navigation keys
  - 1 OK key
  - 12 Standard Phone Digits keys
  - 3 Volume Control keys (Up/Down/Mute (Microphone))
  - 1 Hands-free key
- Handset (RJ9) x1
- Standard RJ9 Handset Wire x1
- 1.5M CAT.5E Ethernet Cable x1
- Back Rack x1
- Status Indicator Light x1 (Red)
- RJ9 Port x2: Handset x1, Headset x1
- RJ45 Port x2: Network x1, PC x1 (Bridged to Network)
- Safety Keyhole x1
- DC Power Input: 5V/0.6A
- Power Consumption: Idle 0.9~1.48W, Peak 2.03~2.8W
- Working Temperature: 0~45°C
- Working Humidity: 10~95%
- Installation:
  - Desktop Stand
  - Wall-mounted (need an additional wall hanging parts)
- Color: Black

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