



GXP2124 is a next generation enterprise grade IP phone that features 240x 120 backlit graphical LCD, 4 line keys with up to 4 SIP accounts, 4 dedicated XML programmable context-sensitive soft keys, 24+4 XML programmable speed-dial/BLF extension keys, dual network ports with integrated PoE, 5-way conference, and Electronic Hook Switch (EHS). The GXP2124 delivers superiors HD audio quality, rich and leading edge telephony features, personalized information and customizable application service, automated provisioning for easy deployment, advanced security protection for privacy, and broad interoperability with most 3rd party SIP devices and leading IP PBX/Soft Switch/IMS platforms. It is an ideal solution for enterprise users looking for a high quality, feature rich multi-line IP phone with many extension keys.

Feature Highlights

- 240 X 120 pixel backlit graphical LCD display with up to 8 level grayscale
- 4 line keys with up to 4 SIP accounts, 4 XML programmable context-sensitive soft keys, and up to 32 call appearances with 24+4 speed-dial/BLF Extension keys with dual-color LED.
- HD wideband audio, superb full-duplex hands –free speakerphone with advanced acoustic echo cancellation and excellent double –talk performance
- Large phonebook (up to 2,000 contacts) and call history (up to 2,000 records)
- Automated provisioning using TR-069 or encrypted XML configuration file TLS/SRTP/HTTPS for advanced security protection, 802.1x for media access control

Technical Specifications:

Protocols/ Standards	:	SIP RFC 3261, TCP/IP/UDP, RTP/RTCP, HTTP/HTT[S, ARP/RARP, ICMA DNS (A record, SRV, NAPTR) DHCP, PPPoE, TELMET, TFTP, NTP, STUN, SIMPLE, 802.1X, LLDP, TR-069, TLS SRTP IPV6(pending)
Network interfaces	:	Dual switched 10/100Mbps ports with integrated PoE
Graphic Display	:	Back-lit 240x 120 graphical LCD display with up to 8 level grayscale
Feature Keys	:	4 line key with D 4 independent SIP accounts, 4 XML programmable context sensitive soft keys, 24+4 speed dial/ BLF Extension keys with dual-color LED, 5 navigation/menu/9 dedicated function keys for: MUTE, PHONEBOOK, MESSAGE (with LED indicator) HEADSET, TRANSFERSEND/REDIAL, CONFERENCE, SPEAKERPHONE, VOLUME
Voice Coded	:	Support for G.723.1 G.729/A/B, G.726, G 722 (wide-band) and iLBC, in-band and out of band DTMF (in audio, RFC2833, SIP INFO)
Telephony Features	:	Hold, transfer, forward, 5-way conference, busy-lamp-field (BLF), Call Park, pickup, shared-call-appearance (SCA)/bridged-line- appearance (BLA), downloadable phone book (XML, LDAP, up to 2,000 items), call waiting, call log (up to 500 records), XML customization of screen, off-hook auto dial answer, click-to-dial, flexible dial plan, hot desking, personalized music ringtones and music on hold, server redundancy and fail-over
HD Audio	:	Yes, both on handset and speakerphone
Headset Jack	:	RJ9, supporting EHS (Electronic Hook-Switch) with Plantronics headsets
Base Stand	:	Yes, allows 2 angle positions
Wall Mountable	:	Yes
QoS	:	Layer 2 (802.1Q, 802.1p) and Layer 3 (ToS, Diffserv, MPLS) QoS
Security	:	User and administrator levels password, MD5 and MD5-sess based Authentication, AES based secure configuration file, SRTP, TLS, 802, 1X media access control
Multi Language	:	English, German, Italian, French, Spanish, Portuguese, Russian, Croatian, Chinese, Korean, Japanese
Upgrade/ Provisioning	:	Firmware upgrade via TFTP/HTTP/HTTPS, mass provisioning using TR-069 or encrypted XML configuration file
Power & Green Energy Efficiency:		Dimensions: 222mm (W) x 210mm (H) x 93mm (D); Unit weight: 0.98KG; Package weight: 1.63KG
Temperature and Humidity	:	32-104°F / 0-40°C, 10-90% (non-condensing)
Package Content	:	GXP2124 phone, handset with cord, base stand, universal power supply, network cable, Quick start Guide
Compliance	:	FCC Part 15 (CFR 47) Class B; EN 55022 class B, EN55024, EN61000-3-2, EN61000-3-3, EN 60950-1 As/NZS CISPR 22 Class B, AS/NZS CISPR 24, RoHS; UL 60950 (power adapter)