



## An Enterprise IP Phone for High-Volume Users

### GXP2170

The GXP2170 is a powerful enterprise-grade IP phone that is ideal for busy users who handle high call volumes. This top-of-the-line Enterprise IP Phone features up to 12 line keys/line appearances and 6 SIP accounts using a 4.3 inch (480 x 272) color display LCD and full HD audio. It includes up to 48 digital, on-screen speed dial/BLF keys to help users be more productive and efficient. The GXP2170 supports the fastest possible connection speeds with dual Gigabit network ports, features integrated PoE and includes built-in Bluetooth for syncing with mobile devices and Bluetooth headsets. This Enterprise IP phone can connect to up to four GXP2200 EXT modules with LCD display to access up to 160 speed dial/BLF contacts. The GXP2170 is the perfect choice for enterprise users looking for a top-notch executive IP phone with advanced functionality.

#### **12 LINES**

12 dual-color line keys (with 6 SIP accounts), 5 XML programmable context-sensitive soft keys

#### **Gigabit**

Dual-switched auto-sensing 10/100/1000mbps network ports



48 digitally programmable & customizable BLF/fast-dial keys, and supports up to 4 cascaded GXP2200EXT Modules



Built-in Bluetooth for syncing headsets and mobile devices for contact books, calendars & call transferring



HD audio to maximize audio quality and clarity, full-duplex speakerphone



Built-in PoE to power the device and give it a network connection



Supports EHS compatible Plantronics's headsets



Automated provisioning using TR-069 or AES encrypted XML configuration file



Built-in USB ports for importing/exporting data



5-way audio conferencing for easy conference calls



TLS and SRTP security encryption technology to protect calls and accounts



Use with Grandstream's UCM series IP PBX appliance for Zero-Config provisioning, 1-touch call recording & more

<b>Protocols/Standards</b>	SIP RFC3261, TCP/IP/UDP, RTP/RTCP, HTTP/HTTPS, ARP, ICMP, DNS (A record, SRV, NAPTR), DHCP, PPPoE, SSH, TELNET, TFTP, NTP, STUN, SIMPLE, LLDP, LDAP, TR-069, 802.1x, TLS, SRTP, IPV6, CDP/SNMP/RTCP-XR
<b>Network Interfaces</b>	Dual switched auto-sensing 10/100/1000 Mbps Gigabit Ethernet ports with integrated PoE
<b>Graphic Display</b>	4.3 inch (480x272) TFT color LCD
<b>Bluetooth</b>	Yes, integrated
<b>Feature Keys</b>	12 line keys with up to 6 SIP accounts, 5 XML programmable context sensitive soft-keys, 5 navigation/menu keys, 11 dedicated function keys for : MESSAGE (with LED indicator), PHONEBOOK, TRANSFER, CONFERENCE, HOLD, HEADSET, MUTE, SEND/REDIAL, SPEAKERPHONE, VOL+, VOL-
<b>Voice Codecs</b>	Support for G7.29A/B, G.711µ/a-law, G.726, G.722(wide-band), G723.1, iLBC, Opus, in-band and out-of-band DTMF(in audio, RFC2833, SIP INFO), VAD, CNG, AEC, PLC, AJB, AGC
<b>Auxiliary Ports</b>	RJ9 headset jack (allowing EHS with Plantronics headsets), USB, extension module port
<b>Telephony Features</b>	Hold, transfer, forward, 5-way conference, call park, call pickup, shared-call-appearance (SCA)/bridged-line-appearance(BLA), downloadable phonebook (XML, LDAP, up to 2000 items), call waiting, call log(up to 500 records), XML customization of screen, off-hook auto dial, auto answer, click-to-dial, flexible dial plan, hot desking, personalized music ringtones and music on hold, server redundancy and fail-over
<b>HD Audio</b>	Yes, HD handset and speakerphone with support for wideband audio
<b>Extension Module</b>	Yes, can power up to 4 GXP2200EXT modules which features a 128x384 graphic LCD, 20 quick-dial/BLF keys which dual-color LED, 2 navigation keys, and less than 1.2W power consumption per unit.
<b>Base Stand</b>	Yes, 2 angle positions available, Wall Mountable
<b>QoS</b>	Layer 2 QoS (802.1Q, 802.1P) and Layer 3 (ToS, DiffServ, MPLS) QoS
<b>Security</b>	User and administrator level passwords, MD5 and MD5-sess based authentication, 256-bit AES encrypted configuration file, SRTP, TLS, 802.1x media access control
<b>Multi-language</b>	English, German, Italian, French, Spanish, Portuguese, Russian, Croatian, simplified and traditional Chinese, Korean, Japanese and more
<b>Upgrade/Provisioning</b>	Firmware upgrade via TFTP / HTTP / HTTPS, mass provisioning using TR-069 or AES encrypted XML configuration file, FTP/FTPS
<b>Power &amp; Green Energy Efficiency</b>	Universal power adapter included: Input:100-240V ; Output: +12V, 1.0A ; Integrated Power-over-Ethernet (802.3af) Max power consumption : 5.4W(without GXP2200EXT) or 9.2W(with 4 cascaded GX-P2200EXTs)
<b>Physical</b>	Dimension: 228mm(W) x 206mm(L) x 46mm(H); Unit weight:0.98kg ; Package weight:1.43kg
<b>Temperature and Humidity</b>	Operation: 0°C to 40°C Storage: -10°C to 60°C Humidity: 10% to 90% Non-condensing
<b>Package Content</b>	GXP2170 phone, handset with cord, base stand, universal power supply, network cable, Quick Installation Guide, GPL license
<b>Compliance</b>	FCC: Part 15 (CFR 47) Class B CE: EN55022 Class B; EN55024 Class B;EN61000-3-2; EN61000-3-3;EN60950-1 RCM: AS/ACIF S004; AS/NZS CISPR22/24; AS/NZS 60950.1