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Grandstream GXP1630

Grandstream GXP1630 Gigabit IP Phone User Manual

Your guide to setting up and operating your Grandstream GXP1630 IP Phone.

1. PRODUCT OVERVIEW

The Grandstream GXP1630 is a powerful Gigabit IP phone designed for small businesses. This Linux-based, 3-line IP Phone model includes 8 BLF keys and 4-way conferencing. It features a 132x64 backlit LCD screen for clear display, dual HD audio, multi-language support, integrated Power over Ethernet (PoE), and 3 XML programmable soft keys. The GXP1630 incorporates state-of-the-art security encryption technology (SRTP and TLS) and supports various automated provisioning options for easy mass deployment.

Key Features:

- 3 SIP accounts, 3 line keys, 4-way conferencing
- 3 XML programmable context-sensitive soft keys
- HD audio on speakerphone and handset
- Up to 1000 contacts, call history up to 200 records
- Dual-switched Gigabit ports, integrated PoE
- 8 dual-colored BLF/speed dial keys
- EHS support for Plantronics headsets



Figure 1: Grandstream GXP1630 Gigabit IP Phone

2. SETUP AND INSTALLATION

2.1 Package Contents

Ensure all components are present:

- Grandstream GXP1630 IP Phone unit
- Handset and coiled cord
- Ethernet cable
- Power adapter (if not using PoE)
- Phone stand

2.2 Connecting the Phone

1. Connect the coiled cord to the handset and the handset port on the phone base.

2. Connect the Ethernet cable from your network switch (with PoE) or router to the LAN port on the phone. If not using PoE, connect the power adapter to the phone and a power outlet.
3. Optionally, connect a headset to the headset port.
4. Attach the phone stand to the base unit.

2.3 Initial Power-Up and Provisioning

Once connected, the phone will power on and begin the boot-up sequence. The LCD screen will display status information. The GXP1630 supports automated provisioning options, including zero-configuration with Grandstream's UCM series IP PBXs, encrypted XML files, and TR-069, to facilitate easy mass deployment and configuration.

3. OPERATING THE PHONE

3.1 Using the Headset or Speaker

- To turn the speaker on or off during a call, press the **Speaker** button.
- To use a connected headset, press the **Headset** button.

Video 1: Overview of using headset and speaker functions on Grandstream GXP1600 series IP phones.

3.2 Making a Call

There are three primary ways to initiate a call:

1. **Handset/Headset:** Lift the handset or press the **Headset** button.
2. **Speakerphone:** Press the **Speaker** button.
3. **Line Key Selection:** Press an available line key.

Once you hear a dial tone (the corresponding line key will turn green), enter the phone number using the keypad. Then, press the **Send** button or the **#** key to place the call. To use a different SIP account, simply press a different line key before dialing.

3.3 Redialing a Number

To redial the last number called:

1. Lift the handset or press the **Speaker** button.
2. Press the **Send** button or the **Redial** soft key displayed on the phone screen.

The phone will redial using the same SIP account as the previous call.

3.4 Answering a Call

When an incoming call rings:

- **Single Incoming Call:** Lift the handset, press the **Speaker** button, or press the corresponding flashing line key.
- **Multiple Incoming Calls (Call Waiting):** If you are on an active call and another call comes in, you will hear a call waiting tone. The new incoming call's line key will flash red. Press the flashing red line key to answer the new call. Your current call will be placed on hold. You can toggle between calls by pressing the line key corresponding to each call.

3.5 Ending a Call

To end an active call:

- Hang up the handset.
- Press the **End Call** soft key on the phone screen.

3.6 Hold and Resume a Call

- To place an active call on hold, press the **Hold** button. The line key will typically flash.
- To resume a call that was placed on hold, press the corresponding blinking line key.

3.7 Volume Adjustment and Mute

- When the phone is idle, use the **Volume** button to adjust the ring volume.
- During an active call, press the **Volume** button to adjust the call volume for the handset, headset, or speaker.
- To mute or unmute your microphone during a call, press the **Mute** button.

4. MAINTENANCE

To ensure optimal performance and longevity of your Grandstream GXP1630 IP Phone, consider the following maintenance tips:

- **Cleaning:** Use a soft, dry cloth to clean the phone's surface. Avoid abrasive cleaners or solvents.
- **Firmware Updates:** Regularly check for and apply firmware updates provided by Grandstream. Keeping the firmware up to date can improve performance, add new features, and address security vulnerabilities.
- **Environmental Conditions:** Operate the phone within recommended temperature and humidity ranges to prevent damage.

5. TROUBLESHOOTING

If you encounter issues with your GXP1630 IP Phone, try the following basic troubleshooting steps:

- **No Dial Tone/Cannot Make Calls:** Check all cable connections (Ethernet, handset, power). Ensure the phone is properly registered with your SIP server.
- **No Power:** Verify the power adapter is securely connected to both the phone and a working power outlet, or that your network switch is providing Power over Ethernet (PoE).
- **Poor Audio Quality:** Check network connectivity. Ensure the handset/headset cord is properly connected. Adjust the call volume using the volume buttons.
- **Phone Unresponsive:** As with any electronic device, occasional reboots can resolve minor issues. Disconnect the power for a few seconds and then reconnect it.
- **Display Issues:** If the screen is blank or frozen, try rebooting the phone.

For more advanced issues, consult your IT administrator or Grandstream's official support resources.

6. SPECIFICATIONS

Feature	Description
SIP Accounts	3
Line Keys	3
Conferencing	4-way
BLF/Speed Dial Keys	8 dual-colored
Audio	HD audio on speakerphone and handset
Network Interface	Dual-switched Gigabit ports
PoE	Integrated Power over Ethernet
Display	132x64 backlit LCD
Dimensions	8 x 12 x 6 inches
Weight	6 Pounds
Color	Black
Material	Plastic
Compatible Devices	Grandstream IP phones, Plantronics headsets with EHS feature, devices supporting TR-069 and XML config files

7. WARRANTY AND SUPPORT

7.1 Manufacturer's Warranty

The Grandstream GXP1630 IP Phone comes with a **1 Year Manufacturer Warranty**. Please retain your proof of purchase for warranty claims.

7.2 Technical Support

For technical assistance, product registration, or to access additional resources, please visit the official Grandstream website or contact your product vendor. Support resources often include FAQs, knowledge bases, and community forums.

