

Grandstream GXP2135

Grandstream GXP2135 IP Phone User Manual

Model: GXP2135

INTRODUCTION

This manual provides comprehensive instructions for the Grandstream GXP2135 IP Phone. The GXP2135 is an enterprise-grade IP phone designed for users with high call volumes, offering advanced features such as Gigabit speeds, multiple SIP accounts, and a color display. This guide covers the phone's components, setup procedures, operational functions, maintenance, and troubleshooting.

PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- GXP2135 phone unit
- Handset with coiled cord
- Base stand
- Universal power supply
- Network cable (Ethernet)
- Quick Installation Guide
- GPL license information

PHYSICAL OVERVIEW

Familiarize yourself with the various components of the GXP2135 IP Phone.



Figure 1: Front view of the Grandstream GXP2135 IP Phone. This image displays the phone's handset, main body with a color LCD screen, numeric keypad, navigation buttons, and various function keys. The screen shows a simulated contact list.

Grandstream GXP2135 Voip Phone 8 lines



The GXP2135 is an enterprise-grade IP phone that supports 8 lines, 4 SIP accounts, Gigabit speeds and up to 32 virtual BLF/speed-dial keys - making it ideal for busy workers.

Figure 2: Diagram highlighting key features of the Grandstream GXP2135. Icons represent HD Audio, 4-way conference, Gigabit Ethernet, Auto provisioning, BLF/speed dial, PoE, EHS headset support, Bluetooth, and Encryption security.



Figure 3: Top-down view of the Grandstream GXP2135 IP Phone, showing the layout of the handset, display, and keypad. This perspective emphasizes the physical buttons and the color screen's interface.

Key Components:

- **2.8-inch Color LCD Display:** Provides visual information, call status, and menu navigation.
- **Line Keys:** Up to 8 line keys for managing multiple calls and SIP accounts.
- **Soft Keys:** Context-sensitive keys below the display for dynamic functions.
- **Navigation Pad:** For menu navigation and selection.
- **Numeric Keypad:** Standard 0-9, *, # keys for dialing.
- **Function Keys:** Dedicated keys for features like Message, Headset, Hold, Transfer, Conference, Speakerphone, Volume.
- **Handset:** HD audio support.
- **Speakerphone:** Full duplex speakerphone with HD audio.
- **Dual Gigabit Ethernet Ports:** For network connection and PC passthrough.
- **Integrated PoE:** Power over Ethernet support, eliminating the need for a separate power adapter if connected to a PoE-enabled switch.
- **USB Port:** For future expansion or accessories.
- **Bluetooth:** Built-in for syncing with mobile devices and Bluetooth headsets.

SETUP

1. Connecting the Phone

1. **Attach the Handset:** Connect the coiled handset cord to the handset jack on the phone base.
2. **Connect the Base Stand:** Securely attach the base stand to the bottom of the phone unit.
3. **Network Connection:**
 - Connect one end of the Ethernet cable to the LAN port on the phone and the other end to your network switch/router.
 - If you are using a PC with the phone, connect an Ethernet cable from the PC port on the phone to your computer.
4. **Powering the Phone:**
 - If your network switch supports Power over Ethernet (PoE), the phone will power on automatically once connected to the LAN port.
 - If PoE is not available, connect the universal power supply to the power jack on the phone and then to an electrical outlet.

2. Initial Configuration

Upon initial power-up, the phone will display its network status and attempt to obtain an IP address. For detailed configuration, including SIP account setup and advanced settings, access the phone's web interface using its IP address in a web browser. Consult your network administrator or VoIP service provider for specific account details and provisioning instructions.

OPERATING INSTRUCTIONS

Basic Call Functions

- **Making a Call:**
 - Pick up the handset, press the Speakerphone button, or press an available Line key.
 - Dial the number using the numeric keypad.
 - Press the **SEND** soft key or wait a few seconds for automatic dialing.
- **Answering a Call:**
 - Pick up the handset, press the Speakerphone button, or press the flashing Line key.
- **Ending a Call:**
 - Hang up the handset or press the **Speakerphone** button.
- **Hold:**
 - During an active call, press the **Hold** button. The line key will flash.
 - To resume the call, press the flashing Line key again.
- **Transfer:**
 - During an active call, press the **Transfer** button.
 - Dial the number of the party you wish to transfer the call to.
 - Press the **Transfer** button again to complete the transfer (blind transfer) or wait for the party to

answer and then press **Transfer** (attended transfer).

- **Conference:**

- During an active call, press the **Conference** button.
- Dial the number of the second party and wait for them to answer.
- Press the **Conference** button again to establish the three-way conference.

Advanced Features

- **Multiple SIP Accounts:** The GXP2135 supports up to 4 SIP accounts, allowing you to manage calls from different lines or providers. Use the Line keys to select the desired account for outgoing calls or to answer incoming calls on a specific line.
- **BLF/Speed Dial Keys:** The phone features up to 32 digitally programmable BLF (Busy Lamp Field) / speed-dial keys. These can be configured to monitor the status of other extensions or to quickly dial frequently used numbers. Refer to the phone's web interface for configuration.
- **Bluetooth Connectivity:** Pair your Bluetooth-enabled mobile devices or headsets with the GXP2135 for enhanced communication flexibility. Access Bluetooth settings via the phone's menu.
- **HD Audio:** The phone supports HD audio on both the handset and speakerphone, providing clear and natural voice quality.

MAINTENANCE

To ensure the longevity and optimal performance of your Grandstream GXP2135 IP Phone, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the phone's surface. For stubborn marks, a slightly damp cloth with mild soap can be used, ensuring no liquid enters openings. Avoid abrasive cleaners or solvents.
- **Environment:** Keep the phone in a clean, dry environment, away from direct sunlight, excessive heat, and moisture.
- **Cables:** Periodically check all cable connections (handset, network, power) to ensure they are secure and undamaged.

TROUBLESHOOTING

If you encounter issues with your GXP2135 IP Phone, try the following troubleshooting steps:

- **No Power:**
 - Ensure the power adapter is securely connected to the phone and a working electrical outlet.
 - If using PoE, verify that the Ethernet cable is connected to a PoE-enabled port on your switch and that the switch is powered on.
- **No Dial Tone/Cannot Make Calls:**
 - Check the network cable connection to the LAN port.
 - Verify that the phone has obtained a valid IP address (check the phone's display or network settings).
 - Confirm that your SIP accounts are correctly registered and active (check the phone's display or web interface).
 - Contact your VoIP service provider or network administrator to ensure there are no service outages or configuration issues.

- **Poor Audio Quality:**

- Check your network connection for stability and bandwidth.
- Ensure the handset cord is securely connected.
- Adjust the volume using the volume buttons.

- **Display Issues:**

- Restart the phone by unplugging and re-plugging the power or network cable.

SPECIFICATIONS


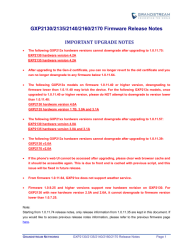




Key technical specifications for the Grandstream GXP2135 IP Phone:

Feature	Detail
Product Dimensions	7.6 x 7.91 x 3.35 inches
Item Weight	2.46 pounds (1.12 Kilograms)
Item Model Number	GXP2135
Display	2.8-inch Color LCD
SIP Accounts	4
Line Keys	8
BLF/Speed-Dial Keys	32 (digitally programmable)
Ethernet Ports	Dual Switched Gigabit Ethernet with Integrated PoE
Bluetooth	Built-in
Audio Features	HD audio on handset and speakerphone, full duplex speakerphone
Power Source	Corded Electric, PoE
Batteries	1 Lithium Ion battery required (for internal clock/settings retention)
Material	Plastic
Color	Black

WARRANTY AND SUPPORT

For warranty information, technical support, or further assistance with your Grandstream GXP2135 IP Phone, please refer to the official Grandstream website or contact their customer support directly. Detailed documentation and firmware updates are typically available on the manufacturer's support portal. You can also find additional resources and support information by visiting the [Grandstream Support Page](#).

Related Documents - GXP2135

 <p>Long-range DECT VoIP Base Station DP750</p> <p>The DP750 is a long-range DECT VoIP base station designed for businesses and residential users. It offers up to 10 SIP accounts, 3-way conferencing, HD audio, and advanced telephony capabilities. The device is compact and easy to install, making it a suitable choice for various environments.</p> <p>Key features include:</p> <ul style="list-style-type: none"> Up to 10 SIP accounts 3-way conferencing HD audio Advanced telephony capabilities <p>For more information, visit www.grandstream.com</p>	<p>Grandstream DP750 Long-range DECT VoIP Base Station - Features and Specifications</p> <p>Detailed information on the Grandstream DP750, a long-range DECT VoIP base station offering mobility for businesses and residential users. Features include up to 10 SIP accounts, 3-way conferencing, HD audio, and advanced telephony capabilities.</p>
 <p>GXP2130/2135/2140/2160/2170 Firmware Release Notes</p> <p>IMPORTANT UPDATE NOTES</p> <ul style="list-style-type: none"> The GXP2130/2135/2140/2160/2170 firmware version 1.0.11.103 is the latest release. It includes several bug fixes and performance improvements. The GXP2130/2135/2140/2160/2170 firmware version 1.0.11.103 is the latest release. It includes several bug fixes and performance improvements. The GXP2130/2135/2140/2160/2170 firmware version 1.0.11.103 is the latest release. It includes several bug fixes and performance improvements. The GXP2130/2135/2140/2160/2170 firmware version 1.0.11.103 is the latest release. It includes several bug fixes and performance improvements. The GXP2130/2135/2140/2160/2170 firmware version 1.0.11.103 is the latest release. It includes several bug fixes and performance improvements. The GXP2130/2135/2140/2160/2170 firmware version 1.0.11.103 is the latest release. It includes several bug fixes and performance improvements. The GXP2130/2135/2140/2160/2170 firmware version 1.0.11.103 is the latest release. It includes several bug fixes and performance improvements. The GXP2130/2135/2140/2160/2170 firmware version 1.0.11.103 is the latest release. It includes several bug fixes and performance improvements. The GXP2130/2135/2140/2160/2170 firmware version 1.0.11.103 is the latest release. It includes several bug fixes and performance improvements. The GXP2130/2135/2140/2160/2170 firmware version 1.0.11.103 is the latest release. It includes several bug fixes and performance improvements. <p>For more information, visit www.grandstream.com</p>	<p>Grandstream GXP2130/2135/2140/2160/2170 Firmware Release Notes</p> <p>Detailed release notes for Grandstream GXP2130, GXP2135, GXP2140, GXP2160, and GXP2170 IP phones, covering firmware versions from 1.0.11.103 down to 1.0.11.35, including important upgrade notes, enhancements, bug fixes, and new features.</p>
 <p>Grandstream Networks, Inc. GHP6XX Series GHP6XX - User Guide</p> <p>The GHP6XX Series IP Phone User Guide provides comprehensive information on the features, technical specifications, installation, configuration, telephony functions, and factory reset procedures for the GHP6XX Series IP phones.</p> <p>For more information, visit www.grandstream.com</p>	<p>Grandstream GHP6XX Series IP Phone User Guide</p> <p>Comprehensive user guide for the Grandstream GHP6XX Series IP phones, detailing features, technical specifications, installation, configuration, telephony functions, and factory reset procedures.</p>
 <p>Grandstream Networks, Inc. VPK (Virtual Multi-Purpose Keys) Guide</p> <p>The VPK (Virtual Multi-Purpose Keys) Guide provides comprehensive information on the features, technical specifications, installation, configuration, telephony functions, and factory reset procedures for the VPK feature.</p> <p>For more information, visit www.grandstream.com</p>	<p>Grandstream VPK (Virtual Multi-Purpose Keys) Guide</p> <p>A comprehensive guide to Grandstream's Virtual Multi-Purpose Keys (VPK) feature for GXP21XX IP phones, detailing configuration, modes, and indications for enhanced flexibility and user experience.</p>
 <p>Grandstream Networks, Inc. GXP2130/GXP2140/GXP2160/GXP2170/GXP2135 Enterprise IP Phone User Guide</p> <p>The Enterprise IP Phone User Guide provides comprehensive information on the features, technical specifications, installation, configuration, telephony functions, and factory reset procedures for the GXP2130, GXP2140, GXP2160, GXP2170, and GXP2135 Enterprise IP Phones.</p> <p>For more information, visit www.grandstream.com</p>	<p>Grandstream GXP2130/GXP2140/GXP2160/GXP2170/GXP2135 Enterprise IP Phone User Guide</p> <p>Comprehensive user guide for Grandstream's GXP2130, GXP2140, GXP2160, GXP2170, and GXP2135 Enterprise IP Phones. This document details product features, installation, configuration, and operation for administrators.</p>
 <p>Grandstream Networks, Inc. GRP2602 Series GRP2602 Series IP Phone User Guide and Configuration</p> <p>The GRP2602 Series IP Phone User Guide and Configuration provides comprehensive information on the features, technical specifications, installation, configuration, telephony functions, and factory reset procedures for the GRP2602, GRP2602P, and GRP2602W IP phones.</p> <p>For more information, visit www.grandstream.com</p>	<p>Grandstream GRP2602 Series IP Phone User Guide and Configuration</p> <p>Comprehensive guide to configuring, installing, and using the Grandstream GRP2602, GRP2602P, and GRP2602W IP phones. Covers web and keypad setup, network connectivity, features, and regulatory information.</p>