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## GRANDSTREAM NETWORKS

Firmware Release Notes  
Firmware Version 1.0.3.27  
Product Name: GXP2200  
Date: April 23, 2014

### SUMMARY OF UPDATES

This is GXP2200 Feature Pack 2 release.

### CHANGES SINCE FIRMWARE RELEASE 1.0.3.26

#### BUG FIXES

- Fixed phone keeps sending 200OK for UPDATE and then BYE dropping the call

#### ENHANCEMENTS

- Added option to download device configuration

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Firmware Version 1.0.3.26

Product Name: GXP2200

Date: December 5, 2013

### CHANGES SINCE FIRMWARE RELEASE 1.0.3.25

#### BUG FIXES

- Fixed LDAP: phone pops up "LDAP contact stop unexpected" when changing info in web UI
- Fixed Network: IP display error when set in LCD

#### ENHANCEMENTS

- Added support to allow up to 256 characters in Config Server Path

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Firmware Version 1.0.3.25

Product Name: GXP2200

Date: November 8, 2013

### CHANGES SINCE FIRMWARE RELEASE 1.0.3.16

#### BUG FIXES

- Fixed weather widget cannot show weather info after searching city
- Fixed Network: Switching network segment rapidly causes phone register with wrong IP address
- Fixed SIP: phone behaves abnormally after openVPN then disconnect
- Fixed Call History: ambiguous tips for deleting call records
- Fixed Miss Call: Disable Missed Call Indicator appears abnormal
- Fixed Call History: GUI switches slowly when there are some missed calls

- Fixed call: phone responds 486 Busy after repeatedly calling it then cancel the call
- Fixed Call: with SRTP "Enable but not forced" set, Blind Transfer a call then far end rejects caused call abnormal
- Fixed Network: one account setting NAT Traversal to STUN will affect other account on UPnP penetration
- Fixed Call: call \*72 will stay in calling interface and call \*83 abnormally
- Fixed [Alcatel-lucent IOT] GXP2200 does not ACK 200OK for outgoing calls, and does not send out BYE when phone hangs up
- Fixed Network: VPN IP display issue in PPPOE mode
- Fixed Video-Call: Start Video Automatically setting does not work
- Fixed app: deleted add all contact function on desktop
- Fixed call: phone responses 486 Busy in idle status
- Fixed Message: voice mail display issue after pulling out network cable
- Fixed Video-Call: phone has no notification after far end clicks open video
- Fixed cannot make phone call with TLS on Freeswitch PBX
- Fixed Settings: custom ringtone fails if chosen from USB
- Fixed Network: the VPN does not auto connect when reboot under static network
- Fixed Call: phone stays in "calling" interface after being called many times continuously
- Fixed MPlayer: video does not play in the background there is an incoming call or pressing HOME key
- Fixed WEB: phone will pop up "account process stop unexpected" after setting wrong transfer time format
- Fixed Upgrade: web UI has no indication after uploading
- Fixed Other: soft keypad display issue during language switch
- Fixed Call-Recorder: actual recording time is longer than overall recording time
- Fixed SIP: account displays registered in web UI when phone has NO IP under PPPoE
- Fixed SIP: phone will send two INVITEs after transferring to a non-existent ID
- Fixed Contact: Tip for importing contact records is incorrect
- Fixed after rejecting an incoming call when importing contact records, phone got stuck in the interface for importing contacts
- Fixed Contact: Importing contacts files in different formats is not successfully
- Fixed Setting: Custom ringtone failed

## ENHANCEMENTS

- Added ability to stay in transfer screen when there is an incoming call
- Added support for Hook Switch (Android broadcast) in SDK
- Added support for USB light (configurable) to flash upon receiving a call

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Firmware Version 1.0.3.16

Product Name: GXP2200

Date: July 9, 2013

## CHANGES SINCE FIRMWARE RELEASE 1.0.3.6

### BUG FIXES

- Fixed WEB: Tooltips doesn't work in some web UI
- Fixed phone arbitrarily offers SRTP upon receiving a reINVITE with REPLACES
- Fixed network: displays incorrect VPN status in status line
- Fixed BroadSoft interop: GXP2200 does not play distinctive ringing for call waiting tone
- Fixed WIFI: re-open PPPoE in WiFi causes the phone to have NO IP
- Fixed network: after reboot the WiFi icon will show the signal strength down to a very low value
- Fixed VPN does not automatically reconnect
- Fixed call: phone cannot handle video request in conf

- Fixed Video-Call: Start Video Automatically in web UI is invalid
- Fixed Call: phone cannot switch call mode and hangs up
- Fixed Browser: the browser (process:com.android.browser) stops unexpectedly
- Fixed call: missed call icon can be displayed in two languages
- Fixed USB: phone will still display USB icon after USB is pulled out
- Fixed Factory: LCD of phone appears abnormal when doing auto reset
- Fixed LDAP: unit of search timeout is different in web UI and LCD
- Fixed LDAP: ldapcontact process stops unexpectedly and connects to server take a long time
- Fixed network: RTP PRI value will remain as default when connect to LLDP network
- Fixed Widget: account display is grayed out after re-connecting Network cable
- Fixed settings: user-defined notice tone is not displayed on LCD
- Fixed CallHistory: phone will pop up "android.process.acore" stop unexpectedly after checking the details of one contact
- Fixed Callhistory: phone can still redial after deleting all callhistory entries
- Fixed Call: transfer key is valid in calling interface
- Fixed System: phone's GUI (incoming call/out call/miss call) switch slowly
- Fixed call: phone reboots during a call
- Fixed call: words will overlap when adding a new call in conf
- Fixed no response after Attended Transfer
- Fixed call: pressing hold in transfer interface will cause the transfer function fail
- Fixed call: phone can return to call interface when there has a call being transferred
- Fixed call: phone remains in transfer interface after call ends
- Fixed Call: SCA after phone receive 403/489 response calls become abnormal
- Fixed Call: dial DTMF in N-way conf is invalid
- Fixed APP: time update in RSS is not displayed correctly
- Fixed callhistory :miss\_call\_tip process stops unexpectedly

#### ENHANCEMENTS

- Added support for Music on Hold
- Added ability to bypass Dial Plan when dialing from MPK
- Added API for the hard keys

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 Firmware Version 1.0.3.6  
 Product Name: GXP2200  
 Date: May 6, 2013

#### CHANGES SINCE FIRMWARE RELEASE 1.0.1.40

#### BUG FIXES

- Fixed Call Park MPK could take effect on unrelated accounts
- Fixed MPK info and edit window of Extension board in Web page not displayed
- Fixed wrong User ID display in MPK editing window and in LCD of extension board
- Fixed the display of every option in MPK editing window unrecognizable in Black theme
- Fixed there was no ring-back tone in Attend Transfer
- Fixed phone cannot get provisioned when the cfg file size is too big
- Fixed Voice Dialer doesn't process special characters when dialing out
- Fixed account info display abnormal in LCD advanced settings

#### ENHANCEMENTS

- Add ability to bypass Dial Plan when dialing from MPK
- Added extension board support

- Added support for Call recording
- Added support for BroadSoft Call Center, SCA, BLF, Call Park Notification and Hoteling features
- Added support for IPC Controller
- Added support for LDAP Book
- Added Voice Dialer support for more than 100 languages
- Added Voice Dialer to GS Market
- Add support for Voice Recorder
- Added adb support
- Added support for contacts quick search
- Added USB Camera support
- Added Camera app to GS market
- Added Voice Command support
- Added support to enforce Landscape Screen display
- Added Offhook Timeout(s) option on web UI
- Added Enable Call Feature option on Web UI
- Added Dial Plan Prefix feature on WebUI
- Improved Call Transfer design
- Added support for Call Park mode in MPK
- Added support for Auto Conference

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Firmware Version 1.0.1.40

Product Name: GXP2200

Date: February 6, 2013

**NOTE: Once upgraded to 1.0.1.27 and above, downgrading to 1.0.1.22 is not supported.**

#### CHANGES SINCE FIRMWARE RELEASE 1.0.1.30

#### BUG FIXES

- Fixed Android.process.acore stopped unexpectedly while adding entry by pressing Next button on keyboard
- Fixed Message process com.base.module.message stopped unexpectedly while sending message
- Fixed dialing DTMF was invalid while phone was idle
- Fixed changing the date/time display format on web UI caused phone send register request
- Fixed android.process.acore process stopped unexpectedly when adding entry to Contacts
- Fixed phone displays "Scanning" after taking out Wi-Fi adapter
- Fixed WiFi: setting up correct WiFi password and connect phone shows it isn't within distance
- Fixed WiFi: phone does not show when it has an open WiFi network nearby
- Fixed unplugging USB-WiFi after connecting phone will reset the WiFi to close status
- Fixed incorrect VPN IP display in PPPoE mode
- Fixed Dial Tone can be heard from handset in Skype app
- Fixed call mode button layout is less than perfect in Espanola
- Fixed application process stopped unexpectedly when we accessed those apps that were removed via GuiConfigTool
- Fixed phone cannot upgrade from web UI when it is on static IP
- Fixed icon of missed calls & unread messages disappeared after changing language

- Fixed the number in input box isn't cleared after adding number successfully
- Fixed Shortcuts: Launcher process stopped unexpectedly after changing download mode
- Fixed Message & Blacklist: phone always pops up Delete dialog box when there is no entry in SMS list and Blocked history
- Fixed one way audio issue caused by Mute
- Fixed G.722 echo issue
- Fixed upgrade: setting firmware File prefix/postfix added redundant postfix to cust request
- Fixed contact: adding a call record to contact which already contains it causes account abnormal behavior
- Fixed Calendar: app stopped unexpectedly while checking more activities in Calendar
- Fixed Message: information in SMS doesn't refresh immediately after deleting messages or contact
- Fixed contact: adding a send message shortcut can only use account 1 to send
- Fixed Bluetooth: Bluetooth button displays abnormally when using Bluetooth headset to call

#### ENHANCEMENTS

- Added support for generic configuration file cfg.xml
- Add MPK / Ext board support

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Firmware Version 1.0.1.33

Product Name: GXP2200

Date: December 31, 2012

#### CHANGES SINCE FIRMWARE RELEASE 1.0.1.30

##### BUG FIXES

- Fixed Network: Device didn't send renew request to DHCP server after half of IP address lease time
- Fixed BroadSoft interop: GXP2200 does not support distinctive ringing in call waiting tone
- Fixed SIP: phone gets two IP addresses
- Fixed Settings: After setting the time zone GMT+8:00(Krasnoyarsk) in Web UI phone displays GMT+07:00
- Fixed Option 60: The value of Option 60 in DHCP Discover frame isn't the same as configured after factory reset
- Fixed Contact: Android.process.acore process stopped unexpectedly when we put in some strings except for IP address format in TFTP download server
- Fixed MediaPlayer: Media Player couldn't switch to next and previous after ending a call
- Fixed MediaPlayer: Media Player worked abnormally when playing music file in \*.acc type
- Fixed Email: Email process com.android.email stopped unexpectedly
- Fixed Call: Direct call shortcut will always use account 1 to dial
- Fixed Message: Add direct send short message shortcut, when click it will only go to the short message interface and will not input the number of contact in it
- Fixed SMS: Message process com.base.module.message stopped unexpectedly while sending message

- Improved jitter buffer performance
- Fixed GS Market: The downloading apps couldn't be canceled after removing network then connecting
- Fixed UI: Time zone in LCD displays abnormally when we switch time zone in Web UI in Hrvatski language
- Fixed Account: Account process com.base.module.account stopped unexpectedly when we configure account ringtone
- Fixed Call waiting tone does not stop
- Fixed pressing digits doesn't go to dial screen when phone is in screen timeout
- Fixed Mplayer: MediaPlayer "process:com.base.module.mediaoplayer" stopped unexpectedly
- Fixed language string display issue
- Fixed MediaPlayer: Video file was played in MP3 style without displaying image in MediaPlayer
- Fixed GUI: Call mode button layout is less than perfect in Espanola
- Fixed Calendar app crashes when launching it
- Fixed Call: Three-way conference voice quality and call delay issue
- Fixed Network: option 66 and 120 support issue
- Fixed Menu: Return hard key does not work in Menu page
- Fixed Bluetooth: Repeatedly set discoverable timeout in Bluetooth settings, the phone will display "activity Bluetooth settings(in application settings) is not responding"
- Fixed Input Method: Some numbers on the first row of Android keyboard were not displayed
- Fixed Bluetooth: pairing and connecting two 2200 devices will fail the first time
- Fixed Calendar: Highlighted date of Calendar shortcut icon in desktop doesn't match current date
- Fixed Contact: The download path added "/phonebook.xml" when we downloaded vcard type contacts
- Fixed Call: in four way conference, participants hold and resume then host holds and resumes the call can cause the call to be silent
- Fixed Bluetooth: Samsung HM1000 headset appears no response
- Fixed Settings: There is no default value configured for date format in LCD after factory reset
- Fixed SIP: Setting callee's session timer Min-SE higher than caller's Session Expiration can lead call anomaly
- Fixed Call: phone uses IP mode to make a call, afterwards pressing redial key fails
- Fixed Volume: In-call volume could not be adjusted to maximum
- Fixed Mplayer: MediaPlayer "process:com.base.module.mediaoplayer" stopped unexpectedly
- Fixed phone rings once and stops (no ringtone heard) when incoming INVITE has Alert-info header
- Fixed Launcher: LCD pops up "com.android.launcher has stopped unexpectedly" all the time after booting up
- Fixed FManager: Setting a JPG file with 1.4 billion pixels as phone wallpaper will lead com.base.module.filemanager to stop unexpectedly

## ENHANCEMENTS

- Added GUI customization support

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Firmware Version 1.0.1.30  
Product Name: GXP2200  
Date: December 10, 2012

#### **CHANGES SINCE FIRMWARE RELEASE 1.0.1.29**

##### **BUG FIXES**

- Fixed LCD pops up "com.android.launcher has stopped unexpectedly..." all the time after booting up

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Firmware Version 1.0.1.29  
Product Name: GXP2200  
Date: December 3, 2012

#### **CHANGES SINCE FIRMWARE RELEASE 1.0.1.27**

##### **BUG FIXES**

- Fixed media process stops unexpectedly after installing 3rd party app from Internet
- Fixed display name of account shows special character
- Fixed missing short message record disappears after reboot
- Fixed GS Market does not respond when doing some operations
- Fixed some numbers on the first row of Android keyboard are not displayed
- Fixed Pinyin or Latin process stops unexpectedly when we switch input method
- Fixed after changing language call anomaly when pressing redial key

##### **ENHANCEMENTS**

- Added support for "Always Ring Speaker"
- Updated language files: German (DE) / Italian (IT) / Croatian (HR) / Russian (RU) / Dutch (NL) / Polish (PL) / Portuguese (PT)
- Added service filter support
- Added input text full screen support for some special package
- Changed min value of Jitter buffer from 100 to 60
- Added support to dial number with format 800-400-323-223 in contact
- Improved Dian Plan support
- Improved Bluetooth headset behavior design
- Changed LCD auto off timer from 30 minutes to 5 minutes
- Added support to auto switch to Bluetooth headset when onhook outgoing call is answered, under the condition Bluetooth headset is paired and connected

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#### **CHANGES SINCE FIRMWARE RELEASE 1.0.1.22**

##### **BUG FIXES**

- Fixed Google Play support issues
- Fixed Skype support issues
- Fixed after viewing missed call in notification bar, phone still shows the number of missed calls
- Fixed the number of Message icon does not update after deleting some entries
- Fixed Message: user must press Return hard key twice to return if we enter SMS through Status bar and shortcut icon on desktop

- Fixed Calendar: Event shows incompletely if changing its repetition from once to every weekday
- Fixed call missing short message and call in notification bar disappear after phone reboots
- Fixed Widget: LCD suddenly skip to rolling Grandstream page after performing some normal operations
- Fixed Web UI: some default configuration on Web page do not synchronize with Tooltips
- Fixed changing the web access method to HTTPS and port to 80, port 80 becomes effective but web UI still displays 443
- Fixed Missed Call and Unread Message number display error on Menu
- Fixed default Audio Codec display error
- Fixed ringtone support issue
- Fixed EHS support issue
- Fixed after setting an account to transfer according to time, after phone reboots it changes to transfer unconditional
- Fixed Media Player works abnormally after deleting the current working playlist
- Fixed Call History does not sort descendingly by what is dialed but time
- Fixed Contact: Interval time option in Cycle Download contacts is not translated
- Fixed Calendar: App stopped unexpectedly while checking more activities in Calendar
- Fixed Media Player: Layout displays abnormally after renaming a new playlist twice in a row
- Fixed PPPOE could not be enabled on Web page
- Fixed BroadSoft interop: no stutter tone when there are voice messages
- Fixed BroadSoft interop: GXP2200 does not reboot after receiving NOTIFY with Event: check-sync
- Fixed Call-waiting tone is too low to hear during conversation and the tone sounds abnormal
- Fixed DTMF works abnormally after pressing HOME key during a call
- Fixed GS Market: Touch screen became irresponsive and LCD dims in GS Market
- Fixed cannot use the bluetooth headset in the middle of a call

## ENHANCEMENTS

- Added factory reset support if pressing 1 + 9 during bootup
- Changed blacklist default setting
- Improved user experience when receiving a vcf file via Bluetooth
- Improved jitter buffer performance
- Added language support for Spanish, Korean and French etc.
- Added click2dial support
- Added 2dB for handset RX mode
- Added Latin input method support