GRANDSTREAM NETWORKS
Firmware Release Notes
Firmware Version 1.0.3.76
Product Name: GXV3175
Date: February 11, 2014

SUMMARY OF UPDATES

The main purpose of this release is additional features implementing and addressing stability issues observed in previous releases.

CHANGES SINCE FIRMWARE RELEASE 1.0.3.74

BUG FIXES

- Fixed GXV Web server security issues
- Changed Phonebook "Clear the Old List" setting to also clear old groups
- Updated TR-069 CPE

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Firmware Version 1.0.3.74
Product Name: GXV3175
Date: October 24, 2012

CHANGES SINCE FIRMWARE RELEASE 1.0.3.57

BUG FIXES
- Updated Youtube parser to fix the video play problem
- Fixed not able to edit contact group if the number of groups was 50
- Fixed BLF display size setting could not be saved
- Fixed display issue when minimized the call and closed the camera
- Fixed "Start GMI App on Boot" not working
- Fixed language file import not working
- Fix screen abnormal when use H.264 QQVGA
- Fixed alarm clock shown incorrect status after choosing "Remind Later"
- Fixed display issues when repeatedly pressing new message button
- Fixed incorrect display for 12AM when using 12 Hr format
- Fixed display issues when repeatedly pressing new message button
- Fixed display issues with BLF widget
- Fixed display issues when using tab 1 or 3 as the default
- Fixed soft keyboard might show for a brief moment when deleting bookmarks
- Fixed French display issues
- Fixed contact name still shown in call history when the contact was removed
- Fixed unsaved message might get lost when editing and a call came in
- Fixed device freeze issue if viewing the captured trace before stopping the capturing
- Fixed soft keyboard switch button may be blank
- Fixed now icon for "Clear" button when creating new messages

ENHANCEMENTS

- Added H.264 STAP-A decoding support
- Changed headset behavior to match GXP's
- Changed phone book sorting algorithm to be the same as GXV3140's
- Added configurable HTTP User-Agent header in all HTTP requests
- Added Thai language support
- Added video call option bar display mode
- Updated Korean language file
- Updated to the latest TR-069 CPE
- Added the support for generic XML configuration file
- Added Swedish, Hungarian, Norwegian and Finnish language support

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Firmware Version 1.0.3.57
Product Name: GXV3175
Date: March 20, 2012

CHANGES SINCE FIRMWARE RELEASE 1.0.3.40

BUG FIXES

- Fixed screen saver might start when in phone calls.
- Fixed incorrect account name in call status page.
- Fixed PIP not exits completely when pressing Home button quickly.
- Fixed GUI crash issue when importing phone books.
- Fixed video on/off request not processed properly in a 3-way conference.
- Fixed video on icon color.
- Fixed display overlapping issue in World Photo.
- Fixed GUI crash issue in setup guide and user guide.
- Fixed contact settings could not be saved when the contact application was opened in both LCD and Web UI.
- Fixed online music application could not be closed when minimized.
- Fixed setup guide did not have warning message to ask users to reboot when IP address settings were changed.
- Fixed Chinese translation in setup guide.
- Fixed GUI did not remember and use the last account for calling.
- Fixed call transfer by time not working.
- Fixed crash issue when early media was delivered after the call was cancelled.
- Fixed Twitter authentication issue.
- Fixed ring tone file copy issue.
- Fixed line account display error.
- Fixed previous dialed numbers not cleared in keypad.
- Fixed PIP could not start after entering dialing and contact applications.
- Fixed display issue when importing bookmarks from newly created folders.
- Fixed system info display issue on IE8.
- Fixed the mute issue in media player.
- Fixed first audio RTP packet did not have mark bit set.
- Fixed Google Voice login error caused by too many redirects.
- Added warning messages when all accounts were disabled.
- Changed to disallow ring volume adjust when a call is ongoing.
- Reduced display refresh rate when video resolution and bit rate were both too high.
- Changed to return to call interface after exiting BLF and Contact applications.
- Fixed memory leak in Youtube parser
- Fixed display issue when callee put the call on hold in 3-way video conference
- Fixed GUI crash issue when setting desktop pictures.

- Fixed GUI crash issue when deleting a radio station from Internet Radio.
- Fixed call forwarding not effective after reboot.
- Fixed incoming call display issue with 3 concurrent calls.
- Fixed audio device display problem.
- Fixed video request not processed properly.
- Fixed no audio device display in 3-way conference.
- Fixed Photobucket authentication issue.
- Fixed LCD not turned on when entering touch screen calibration while LCD was turned off.
- Fixed no ring tone when multiple calls came in.
- Fixed the device might redial after a call.
- Fixed GUI did not show volume change in 3-way conference.
- Fixed snapshot problem after factory reset.
- Fixed no dial tone when the phone was in dialing and a call came in then cancelled.
- Fixed display issue when video connection request was ignored.
- Fixed display issue when in PIP and unconditional forwarding to an invalid number.
- Fixed no calibration confirmation after factory reset by pressing home button.
- Fixed GUI crash issue when keeping doing IP2Location search and then minimizing the application.
- Disallowed audio device change when the call was on hold.
- Fixed GUI crash issue when sending messages failed.
- Fixed audio device display issue.
- Fixed minimize button not effective for call application.
- Fixed no DTMF tone in transfer window.
- Fixed no video request display in 3-way conference when repeatedly performing video on and off.
- Fixed GUI crash issue when editing bookmarks.
- Fixed display issue after rejecting a video request.
- Disabled BLF transfer button if the extension was on hold.
- Fixed enabling call forward time rule might crash the device.
- Fixed crash issue if a reINVITE was received after the call was terminated.
- Fixed crash issue when using browser.
- Fixed incorrect next page in online video application.
- Fixed no dial tone after rejecting a call.
- Fixed corrupted screen shot in H.263 video call.
- Fixed failure to minimize call application.
- Fixed LCD went to black when in Internet Radio.
- Fixed crash issue when NAT-PMP service was not available.
- Fixed alarm was not shown in weather applet.
- Fixed display issue when clearing all categories in News Video.
- Saved camera block status persistently.
- Fixed display issue when changing Web UI background color.
- Fixed broken 12-hour format support in digital clock widget.
- Fixed incorrect busy tone when accepting a call and then rejecting while waiting for ACK.
- Fixed crash issue when early UPDATE with no SDP was received
- Fixed the music ring tone might hang the phone.
- Fixed format command in telnet might damage the firmware.
- Fixed broken Google Voice support.
- Fixed Chinese translation for PIP warning message.
- Fixed motion detection change via LCD was not saved.
- Fixed warning message when sending SIP message fails.
- Fixed PIP still on when the phone auto answered a call.
- Fixed a typo when handling mixing BLF event list and individual BLF.
- Fixed Broadsoft talk event issues.
- Fixed call forwarding caller ID update issue during Broadsoft testing.

ENHANCEMENTS

- Added Russian soft keypad.
- Added DHCP option 12/15/60 in Web UI.
- Added camera flipping option in PIP.
- Updated to use the latest Facebook API.
- Added the option to disable DND reminder ring splash.
- Added Dutch language selection in Web UI.
- Added the option to start GMI on boot up.
- Added user-agent header in HTTP request for phone book and screen saver downloading.
- Added the support for multiple WiFi profiles
- Added the feature to delete packet capture files
- Added keypad on call screen
- Added caller name in missed call log
- Added direct IP call support in Contact and BLF app
- Added language file import/export feature
- Updated Russian language pack
- Added the support for SIP INFO Flash event
- Added GUI notification when setting call forwarding using star codes
- Added LLDP support
- Added Mobotix special mode support
- Added the support for web sites with private SSL certificates
- Added two new P values for phone book download control: P1435 to remove old list and P1436 to remove duplicate items
- Added the support for DHCPv4 option 120
- Added the support for DHCPv4 option 2
- Added the support for DHCPv4 option 42
- Added the support to update SIP settings without reboot
- Added the support for UPnP IGDv2
- Added an option not to escape '#' in SIP URI. The P value is 1406
- Added an option to send silent RTP during mute. The P values are 2328, 2428 and 2528 for three accounts.

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Firmware Version 1.0.3.40
Product Name: GXV3175
Date: Septerber 19, 2011

CHANGES SINCE FIRMWARE RELEASE 1.0.3.22

BUG FIXES

- Fixed crash issue when performing hold and unhold repeatedly
- Fixed RSS News display issue
- Fixed line status issue when performing hold and unhold
- Fixed the video request not getting response when in the hold mode
- Fixed crash issue when receiving ETSI AoC message
- Fixed rejecting video request might also reject the incoming call
- Fixed the display issue when the font size was set to large
- Fixed not able to set account 2 voice mail ID via LCD menu
- Fixed duplicate contacts were allowed in the favorite list
- Fixed no message arriving tone when in slide showing mode
- Fixed world clock display issue
- Fixed could not change account in onhook dialing mode
- Fixed audio loopback issues
- Fixed multi-language translation issues

- Fixed GUI crash issue when the panel was hidden and then shown
- Fixed GUI might use audio interface for video calls when performing unhold operation

ENHANCEMENTS

- Added the support for 4CIF PAL decoding
- Added call progress tone configuration for SIP calls
- Disabled tone playing when in call mode

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Firmware Version 1.0.3.22
Product Name: GXV3175
Date: July 27, 2011

CHANGES SINCE FIRMWARE RELEASE 1.0.1.4

BUG FIXES

- Fixed SRTP issue when enabling video and then hold/unhold.
- Fixed screen saver would start even in PIP mode.
- Fixed multiple selection allowed for language setting.
- Fixed ignoring CANCEL event during ringing.
- Fixed "Start Video" during an audio call would not negotiate SRTP.
- Fixed "No Proxy" setting not working.
- Fixed dial plan prefix did not work in call history
- Fixed losing registration issue when SIP server was not responsive and STUN was used
- Fixed WiFi scanning stopped working when SSID was not UTF-8
- Fixed display issue when 4th call came in
- Fixed a crash issue when doing recording and the storage was full
- Fixed certain USB keyboards not working under a hub
- Fixed camera off setting after a transfer
- Fixed pressing ACPT multiple times might accept multiple incoming calls
- Fixed no ring tone if the specified music ring file was deleted
- Fixed allowing message send even if the recipient is empty
- Fixed incorrect handling of Session Timer 422 response
- Fixed the device might incorrectly reset calibration result after repeating rebooting
- Disabled motion detection in TV out
- Changed the display to switch from TV to LCD during upgrade
- Added "lock" icon display when in a call using SRTP
- Disabled USB mouse right click operations
- Changed the behavior of camera switch to be the same as camera on/off soft key
- Changed default Youtube screen to "Most Popular"
- Changed screen sliding arrow direction based on users' feedbacks.
- Changed screen saver time out values to use seconds. Old minute based P values P909 and P913 are deprecated. New P values P1412 and P1413 are introduced to provision these timeout values in seconds.
- Removed 2048 kbps bit rate option.
- Removed key tone playing.
- Removed incoming CID matching configuration from LCD UI.
- Added the support to reformat user data partition if mount failed.
- Added the restriction on the picture size when uploading to the phone.
- Added warning message when syncing with Google Calendar for the first time.
- Changed to stop media player when opening PIP application.
- Changed the prompt to show pictures only when uploading to PhotoBucket.

- Updated Internet Radio list.
- Added OpenVPN IP display in LCD network status.
- Added date display in LCD drop down top panel.

ENHANCEMENTS

- Overall performance improvements over FP1.
- Added the support for Facebook and Twitter.
- Added virtual BLF support
- Added Chinese video site Tudou support
- Added new games: Solitaires, Lanlords, Gobang, Fox Hunt and Sudoku
- Added the support for Broadsoft feature key synchronization
- Added H.264 VGA and 4CIF resolution
- Added the support for GMI
- Added the support for GUI XML customization
- Added 802.1x configuration in LCD UI
- Added phone book download/export/import encoding selection
- Added the restriction so that at least one codec had to be selected in Web UI
- Added German, Italian and Russian language support
- Added "End" soft key in hold window
- Added the support to auto detect phone book format during import.
- Added the support to dial '+'. Dial plan is modified to support '+'. To dial '+', press and hold '0' key until '+' appears.
- Added Setup Guide feature.
- Added the support for fast boot.
- Enabled user prompt window when remote party requested for video call.
- Improved Speaker phone duplex performance.
- Re-designed conference call interface.
- Optimization on loading applications from dialing page.