



GXP-2000 Release Note

Firmware Version 1.0.1.9

NOTE: GXP-2000 firmware is larger than other Grandstream product firmware and downloading time is normally 5 minutes.

Product:	GXP-2000	
Date:	2005-06-01	
Release items:	boot55.bin	1.0.1.2
	gxp2000.bin	1.0.1.9
Previous Release:	boot55.bin	1.0.1.2
	gxp2000.bin	1.0.1.8

New features

gxp2000.bin:

- Added support for Disable Call-Waiting
- Added support for system-wide do-not-disturb
- Added 3 way conference (2PCM or 1PCM+1LBR)
- Added support for GSM/FR vocoder
- Added support for G.723.1 5.3k vocoder
- Added Per-Account Codec preference setup
- Added LCD clock supports 24-hour format
- Added LCD displays remote party name/number when available
- Added LCD displays current codec in use during active call
- Added LCD displays number of messages waiting during off-hook
- Added LCD displays name and number for call logs (received and dialed)
- Added reboot button on the save_ok.htm page
- Added TRANSFER state can be cancelled by pressing the original LINE button (or TRNF key)
- Added play a brief tone before auto-answering
- Added if remote disconnect a call that is auto answered and in speakerphone mode, we do not play busy tone and go back to idle mode silently
- Added Syslog support
- Added call timer display
- Added option to keep LCD backlight always on (Basic Settings)
- Added we sent 400 BAD REQUEST to CANCELs received for an established dialog
- Added IP address display in IDLE state
- Added option to reverse clock/date display at IDLE
- Added more descriptive message when call failed



Bugs fixed

gxp2000.bin:

- Fixed some one-way audio issues
- Fixed HTTPd/TCP not following negotiated MSS/MTU
- Fixed support for Gratuitous ARP
- Fixed registration-expires header issue
- Fixed User cannot lock/unlock keypad via web interface
- Fixed cannot get an IP address from a DHCP with a VLAN set up
- Fixed Caller-ID announcement ring tone does not work except for the first call
- Fixed dial-plan prefix: it no longer applies to VM Ext, Speed Dials, Calls made from call-logs
- Fixed GXP-2000 does not send out RTP traffic if previous call is terminated by remote party against Asterisk
- Fixed support for custom ring tone
- Fixed remote party can still hear audio after TRNF key is pressed
- Fixed phone does not ring when call came in while off-hook and then on-hook again
- Fixed SEND key will dial empty string when pressed before any previous numbers are dialed
- Fixed early dial with Asterisk only work for first 2 digits
- Fixed blind transfer will not be activated unless dial key is pressed (now it will kick-in after 4 seconds or whatever is configured)
- Fixed Account 1 cannot change ring tone from web interface
- Fixed ring tone file versions/date not displayed correctly in UI menu and customized ring tone triggered by caller-ID
- Fixed GXP-2000 only displays first digit of called number when early-dial is used
- Fixed GXP-2000 stores multiple entries of incomplete numbers in dialed call logs when early-dial is used (eg. if 611 is dialed, you would see '6', '61', and '611' in called log)
- Fixed GXP-2000 crashes when the "REBOOT" button is pressed in WEB UI after GXP-2000 changed to DHCP and was booted up in static IP mode
- Fixed device lock-up issue when multiple RTCP packets are embedded in a single UDP
- Fixed the issue with MD5-sess authentication

Known problems

gxp2000.bin:

- G.723 decoder only works in 5.3k mode and may produce bad voice quality when incoming G.723 stream is encoded in 6.3k