

GXV3450/3470/3480 FIRMWARE RELEASE NOTES

IMPORTANT UPGRADING NOTE

Hardware	Firmware Version	Restrictions and Cautions
GXV3480 HW V2.2A	1.0.5.40+	Cannot downgraded to 1.0.5.35 or lower.
GXV3480 HW2.0A	1.0.5.26+	Cannot downgrade to 1.0.5.14 or lower.
GXV3450 GXV3470 GXV3480	1.0.5.x+	Cannot downgrade to 1.0.3.x or lower. Warning: When upgrading GXV34xx from 1.0.3.x to 1.0.5.14, the device will perform factory reset automatically. To prevent data loss, please ensure to back up your data before upgrading to 1.0.5.14, using "Backup and Restore" app on GXV34xx LCD menu. Export the backup file from GXV34xx and save it in external storage. After upgrading, please use "Backup and Restore" app again to restore the backup file on GXV34xx.
GXV3450 HW2.2A GXV3470 HW2.2A	1.0.3.32+	Cannot downgrade to 1.0.3.24 or lower.
GXV3470 all hardware except HW2.1A	1.0.3.7+	Cannot downgrade to 1.0.3.4 or 1.0.1.x.
GXV3470 HW2.1A	1.0.3.11+	Cannot downgrade to 1.0.3.4 or 1.0.1.x.
GXV3480 HW1.7A	1.0.3.11+	Cannot downgrade to 1.0.3.4 or 1.0.1.x.
GXV3450 GXV3470 GXV3480	1.0.3.4+	Cannot downgrade to 1.0.1.x due to security restriction.
GXV3480 HW1.6A	1.0.1.32+	Cannot downgrade to a lower firmware version.
GXV3480 HW1.5A	1.0.1.23+	Cannot downgrade to a lower firmware version.
GXV3450 GXV3470 GXV3480	1.0.1.16+	Cannot downgrade to a lower firmware version.

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FIRMWARE VERSION 1.0.5.40

PRODUCT NAME

GXV3450, GXV3470, GXV3480

DATE

09/03/2026

COMPONENT VERSIONS

System 1.0.5.40; U-boot 1.0.5.33; Boot 1.0.5.37; CPE 1.0.5.27

FIRMWARE FILE INFORMATION

- GXV3450 firmware file name: gxv3450fw.bin
MD5: 47c459bacdd2d151a66c9ed5fbe22bbe
- GXV3470 firmware file name: gxv3470fw.bin
MD5: 9f5e8de2ba6f9b27ef814d62ff57518f
- GXV3480 firmware file name: gxv3480fw.bin
MD5: 38e55a343a003513bc3c54532b2e34b7

CHANGES SINCE FIRMWARE VERSION 1.0.5.35

ENHANCEMENTS

- Added support for Zoom Multiple Party Conference. [MULTIPLE PARTY CONFERENCE]
- Added support for Zoom Multi-line Appearance and Separate Outbound Caller ID. [MLA AND OUTBOUND CALLER-ID]
- Added support for call feature codes and making them globally used. [LOCAL FEATURE CODES]
- Added support for sending syslog automatically after factory reset. [SYSLOG FROM FACTORY RESET]
- Added support for provisioning the call function buttons. [PROVISION CALL FUNCTION BUTTONS]
- Added support for clearing user data when different user logs in. [CLEAR USER DATA ON LOG IN]
- Added support for single button to swap calls in the active call interface.
- Added support for bulk CA certificate provisioning through XML file.
- Improved web UI prompt wordings.
- Improved STUN/TURN Server username/password security.
- Added support for the widgets "Call Forward Settings" and "Multicast Listening" in GUI Config Tool.
- Improved the call button for Zoom special mode to be a single button.
- Added support for REMB (Receiver Estimated Maximum Bitrate) in media.
- Improved the LDAP Contacts display in Contact app for Zoom platform.
- Addressed multiple security vulnerabilities related to unauthorized access, privilege management, command execution, and sensitive information exposure.

- Strengthened protection of system configuration and memory access mechanisms against unauthorized modification or disclosure.
- Improved security controls and reduced unnecessary system privileges for network-facing services.
- Enhanced protection against potential remote or local code execution risks in system proxy and service components.
- Improved handling of authentication-related mechanisms and protected sensitive credentials from unintended disclosure.
- Fixed multiple Bluetooth security vulnerabilities, including issues related to secure pairing, memory handling, remote code execution, and encrypted audio transmission.
- Incorporated fixes for multiple reported CVEs to further strengthen the overall security posture of GXV34xx.

BUG FIXES

- Fixed device cannot retrieve OEM Identity in SDK Manager correctly.
- Fixed USB port cannot be disabled via P-value provision.
- Fixed Japanese keyboard input method is missing from Settings.
- Fixed device fails to decode notification content into text in chances.
- Fixed Programmable Key may not fully display the text because of the key height in certain format.
- Fixed GXV34xx has chances to not play audio for a few seconds after the call is being unheld.
- Fixed display issues in multiple scenarios, such as performing Zoom monitoring in a video call on Zoom platform, custom softkey with long string, incorrect prompt in active calls, etc.
- Fixed Hot-desking does not clear call history after the extension signs in or signs out.

NEW FEATURES OVERVIEW

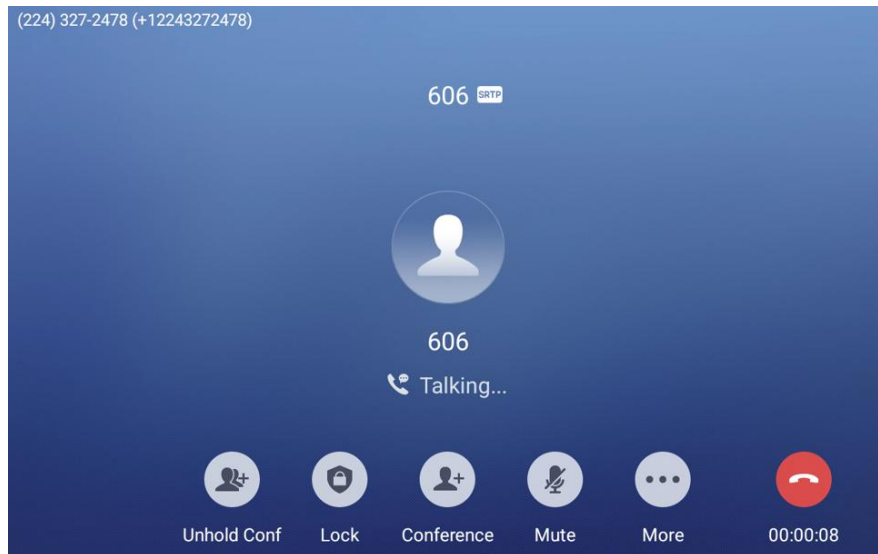
MULTIPLE PARTY CONFERENCE

- **Web Configuration**

Users need to configure the web UI -> Special Features -> Conference URI.

- **Functionality**

After configuring the Conference URI, during a call, user can tap on “Conference” or “Unhold Conf” button to establish a Zoom Multiple Party Conference. More configuration and instruction will be included in the Zoom Multiple Party Conference Configuration guide.



MLA AND OUTBOUND CALLER-ID

- **Web Configuration**

On web UI -> Applications -> Programmable Keys.

- **Functionality**

From Zoom portal, the user can provision the same extension for multiple Line mode programmable keys with assigned Outbound Caller-ID. The Outbound Caller-ID will be extracted from Extension field in certain format. The Outbound Caller-ID can only be provisioned from Zoom portal and cannot be edited on web UI.

Example:

```
<item name="pks.mpk.1.extension"><sip:+112345790@10000425.zoom.us></item>
```

```
P37200=<sip:+112345790@10000425.zoom.us>
```

Programmable Keys

 Delete

☐	No.	Label	Key Mode	Account	Value(User ID)	Address	URL	DTMF Content	Extension	Operate
☐	1	--	Line	(224) 327-2478	--	--	--	--	<sip:+12243272478@10000425.zoom.us>	  
☐	2	--	Line	(224) 327-2478	--	--	--	--	<sip:+12243272478@10000425.zoom.us>	  
☐	3	--	Line	(224) 327-2478	--	--	--	--	<sip:+12242985838@10000425.zoom.us>	  
☐	4	--	Line	(408) 658-9422	--	--	--	--	<sip:+14086589422@10000425.zoom.us>	  
☐	5	--	Line	(408) 658-9422	--	--	--	--	<sip:+12242985838@10000425.zoom.us>	  

LOCAL FEATURE CODES

- Web Configuration**

“Local Feature Code” is under web UI -> Phone Settings -> Local Feature Code.

Local Feature Code

① Rule of Effect: When initiating a call, the system will start matching from the first feature code on the current settings page and proceed downward in order. Once a match is successfully found, the call will be handled according to the rules of that feature code, and no further matching will be performed for subsequent feature codes.

Video/Audio

Audio Call Feature Code ⓘ

Video Call Feature Code ⓘ

Normal Call

IP Call Feature Code ⓘ

Preferred Codec Feature Code ⓘ

Force Codec Code Feature Code ⓘ

Paging Call Feature Code ⓘ

- Functionality**

When initiating a call, the system will start matching from the first feature code on the current settings page and proceed downward in order. Once a match is successfully found, the call will be handled according to the rules of that feature code, and no further matching will be performed for subsequent feature codes. For Preferred Codec Feature Code and Force Codec Code Feature Code, to force using PCMU when initiating a call, use “Feature Code + 7110 + Extension”.

- Configuration Parameters**

Web UI Configuration	Alias Parameter		P Number Parameter	
	Alias Name	Alias Values/Range	P Number	P Value/Range
Audio Call Feature Code	localFeatureCodes.call.videoOn	String	P8751	String
Video Call Feature Code	localFeatureCodes.call.videoOn	String	P8750	String
IP Call Feature Code	localFeatureCodes.call.directIp	String	P8752	String
Preferred Codec Feature Code	localFeatureCodes.call.preferredCodec	String: Feature Code + codec number + target 7110 - PCMU 7111 - PCMA 723 - G723 72632 - G726-32	P8753	String: Feature Code + codec number + target 7110 - PCMU 7111 - PCMA 723 - G723 72632 - G726-32

		729 - G729A/B 722 - G722 7201 - iLBC 7205 - OPUS 72616 - G726-16 72624 - G726-24 72640 - G726-40 7200 - GSM 7702 - L16 7203 - AMR		729 - G729A/B 722 - G722 7201 - iLBC 7205 - OPUS 72616 - G726-16 72624 - G726-24 72640 - G726-40 7200 - GSM 7702 - L16 7203 - AMR
Force Codec Code Feature Code	localFeatureCodes.call.forceCodec	String: Feature Code + codec number + target 7110 - PCMU 7111 - PCMA 723 - G723 72632 - G726-32 729 - G729A/B 722 - G722 7201 - iLBC 7205 - OPUS 72616 - G726-16 72624 - G726-24 72640 - G726-40 7200 - GSM 7702 - L16 7203 - AMR	P8754	String: Feature Code + codec number + target 7110 - PCMU 7111 - PCMA 723 - G723 72632 - G726-32 729 - G729A/B 722 - G722 7201 - iLBC 7205 - OPUS 72616 - G726-16 72624 - G726-24 72640 - G726-40 7200 - GSM 7702 - L16 7203 - AMR
Paging Call Feature Code	localFeatureCodes.call.paging	String	P8755	String
Enable SRTP Feature Code	localFeatureCodes.set.srtpOn	String	P8756	String
Disable SRTP Feature Code	localFeatureCodes.set.srtpOff	String	P8757	String
Force Use SRTP Call Feature Code	localFeatureCodes.call.srtpOn	String	P8758	String
Force Not Use SRTP Call Feature Code	localFeatureCodes.call.srtpOff	String	P8759	String
Enable Global Anonymous Call Feature Code	localFeatureCodes.set.anonymousCall On	String	P8760	String
Disable Global Anonymous Call Feature Code	localFeatureCodes.set.anonymousCall Off	String	P8761	String
Anonymous Call Feature Code	localFeatureCodes.call.anonymousCall On	String	P8762	String

Non-Anonymous Call Feature Code	localFeatureCodes.call.non-anonymousCallOff	String	P8763	String
Hide Callee-ID Call Feature Code	localFeatureCodes.call.hideCallee	String	P8764	String
Enable Call Waiting Feature Code	localFeatureCodes.set.callWaitingOn	String	P8765	String
Disable Call Waiting Feature Code	localFeatureCodes.set.callWaitingOff	String	P8766	String
Initiate Call Waiting Call Feature Code	localFeatureCodes.call.callWaitingOn	String	P8767	String
Initiate Non Call Waiting Call Feature Code	localFeatureCodes.call.callWaitingOff	String	P8768	String
Enable Forward All Feature Code	localFeatureCodes.set.callForwardUnconditionallyOn	String	P8769	String
Disable Forward All Feature Code	localFeatureCodes.set.callForwardUnconditionallyOff	String	P8770	String
Enable Busy Forward Feature Code	localFeatureCodes.set.callForwardBusyOn	String	P8771	String
Disable Busy Forward Feature Code	localFeatureCodes.set.callForwardBusyOff	String	P8772	String
Enable No Answer Forward Feature Code	localFeatureCodes.set.callForwardDelayedOn	String	P8773	String
Disable No Answer Forward Feature Code	localFeatureCodes.set.callForwardDelayedOff	String	P8774	String

SYSLOG FROM FACTORY RESET

- Web Configuration**

Web UI -> Maintenance -> System Diagnostics -> Syslog -> Maintain System Log Information after Factory Reset.

Maintain System Log Information after Factory Reset [?](#)



- Functionality**

If enabled, syslog settings and internal logs will be saved across a factory reset.

- **Configuration Parameters**

Web UI Configuration	Alias Parameter		P Number Parameter	
	Alias Name	Alias Values/Range	P Number	P Value/Range
Maintain System Log Information after Factory Reset	maintain.syslog.persist.factor yreset	"No" – Default "Yes"	P82307	Number: 0 – No (Default) 1 – Yes

PROVISION CALL FUNCTION BUTTONS

- **Web Configuration**

Web UI -> Applications -> Programmable Keys -> Call Screen Softkeys -> Custom Softkey Layout.

- **Functionality**

Design the layout for call function buttons in call and conference call.

- **Configuration Parameters**

Web UI Configuration	Alias Parameter		P Number Parameter	
	Alias Name	Alias Values/Range	P Number	P Value/Range
One-Way Call Function Buttons	call.virtualKeys.inCalling	Number: 0 - Hold 1 - Mute 2 - Keyboard 3 - Transfer	P7089	Number: 0 - Hold 1 - Mute 2 - Keyboard 3 - Transfer
Conference Call Function Buttons	call.virtualKeys.inConference	4 - StartRecord 5 - StartVideo 7 - MPK 8 - CallCenter 9 - Conference 12 - AudioRoute 13 - CallDetails 14 - NewCall 15 - Invite 17 - VirtualGroup 18 - Custom1 19 - Custom2 20 - Custom3	P7090	4 - StartRecord 5 - StartVideo 7 - MPK 8 - CallCenter 9 - Conference 12 - AudioRoute 13 - CallDetails 14 - NewCall 15 - Invite 17 - VirtualGroup 18 - Custom1 19 - Custom2 20 - Custom3

CLEAR USER DATA ON LOG IN

- **Web Configuration**

Web UI -> Phone Settings -> General Settings -> Clear User Data When Different User Logs in.

Clear User Data When Different User Logs in [?](#) ☐

- **Functionality**

When enabled, clear user data of previous account after new account is logged in.

- **Configuration Parameters**

Web UI Configuration	Alias Parameter		P Number Parameter	
	Alias Name	Alias Values/Range	P Number	P Value/Range
Clear User Data When Different User Logs in	(Not available yet. Will add it to config template later.)		P8628	Number: 0 – No (Default) 1 – Yes

PREVIOUS FIRMWARE VERSIONS

Version	Date	Firmware Information
1.0.5.35	07/28/2026	Release Notes
1.0.5.32	07/02/2026	Release Notes
1.0.5.29	05/08/2025	Release Notes
1.0.5.26	03/04/2026	Release Notes
1.0.5.15 (BETA)	10/16/2025	
1.0.5.14 (BETA)	08/25/2025	
1.0.3.32	03/31/2025	Release Notes
1.0.3.24	08/29/2024	Release Notes
1.0.3.12	04/26/2024	Release Notes
1.0.3.4	12/04/2023	
1.0.1.33	09/05/2023	Release Notes
1.0.1.32	08/03/2023	
1.0.1.29	06/25/2023	Release Notes
1.0.1.21	03/08/2023	Release Notes
1.0.1.16	12/22/2022	GXV3450 Release Notes GXV3470 Release Notes GXV3480 Release Notes