Grandstream Device Configuration

STATUS **BASIC SETTINGS** **ADVANCED SETTINGS** **FXS PORT1** **FXS PORT2**

Account Active:	○ No ◉ Yes
Primary SIP Server:	sip.odorik.cz (e.g., sip.mycompany.com, or IP address)
Failover SIP Server:	(Optional, used when primary server no response)
Prefer Primary SIP Server:	○ No ◉ Yes (yes - will register to Primary Server if Failover registration expires)
Outbound Proxy:	(e.g., proxy.myprovider.com, or IP address, if any)
SIP transport:	◉ UDP ○ TCP ○ TLS (default is UDP)
NAT Traversal (STUN):	◉ No ○ No, but send keep-alive ○ Yes
SIP User ID:	683652 (the user part of an SIP address)
Authenticate ID:	683652 (can be identical to or different from **SIP User ID**)
Authenticate Password:	•••••••• (purposely not displayed for security protection)
Name:	Pavel Kosina (optional, e.g., John Doe)
DNS Mode:	◉ A Record ○ SRV ○ NAPTR/SRV
Tel URI:	Disabled
SIP Registration:	○ No ◉ Yes
Unregister On Reboot:	◉ No ○ Yes
Outgoing Call without Registration:	○ No ◉ Yes
Register Expiration:	60 (in minutes. default 1 hour, max 45 days)
SIP Registration Failure Retry Wait Time:	20 (in seconds. Between 1-3600, default is 20)
Local SIP Port:	5062 (default 5062)
Local RTP Port:	5012 (1024-65535, default 5012)
Use Random Port:	◉ No ○ Yes
Refer-To Use Target Contact:	◉ No ○ Yes
Transfer on Conference Hangup:	◉ No ○ Yes
Enable Ring-Transfer:	◉ No (RFC5589 Semi-Attended Transfer) ○ Yes
Disable Bellcore Style 3-Way Conference:	◉ No ○ Yes (Using star code *23 for 3-way conference)
Remove OBP from Route Header:	◉ No ○ Yes
Support SIP Instance ID:	○ No ◉ Yes
Validate Incoming SIP Message:	◉ No ○ Yes
Check SIP User ID for incoming INVITE:	◉ No ○ Yes (no direct IP calling if Yes)
Allow Incoming SIP Messages from SIP Proxy Only:	◉ No ○ Yes (no direct IP calling if Yes)
SIP T1 Timeout:	0.5 sec
SIP T2 Interval:	4 sec
DTMF Payload Type:	101
Preferred DTMF method: (in listed order)	Priority 1: In-audio Priority 2: In-audio Priority 3: In-audio
Disable DTMF Negotiation:	◉ No (negotiate with peer) ○ Yes (use above DTMF order without negotiation)
Send Hook Flash Event:	◉ No ○ Yes (Hook Flash will be sent as a DTMF event if set to Yes)
Enable Call Features:	○ No ◉ Yes (if Yes, call features using star codes will be supported locally)
Offhook Auto-Dial:	(User ID/extension to dial automatically when offhook)
Proxy-Require:	
Use NAT IP:	(used in SIP/SDP message if specified)
Distinctive Ring Tone:	Ring Tone 1 used if incoming caller ID is Ring Tone 1 used if incoming caller ID is Ring Tone 1 used if incoming caller ID is

Disable Call-Waiting:	(•) No ( ) Yes
Disable Call-Waiting Caller ID:	(•) No ( ) Yes
Disable Call-Waiting Tone:	(•) No ( ) Yes
Disable Receiver Offhook Tone:	(•) No ( ) Yes (ROH tone will not be played after offhook for 60 seconds)
Disable Reminder Ring for On-Hold Call:	(•) No ( ) Yes
Disable Visual MWI:	(•) No ( ) Yes
Ring Timeout:	60 (10-300, default is 60 seconds)
Delayed Call Forward Wait Time:	20 (Allowed range 1-120, in seconds.)
No Key Entry Timeout:	4 (in seconds, default is 4 seconds)
Early Dial:	(•) No ( ) Yes (use "Yes" only if proxy supports 484 response)
Dial Plan Prefix:	(this prefix string is added to each dialed number)
Use # as Dial Key:	( ) No (•) Yes (if set to Yes, "#" will function as the "(Re-)Dial" key)
Dial Plan:	{ x+ | *x+ }
SUBSCRIBE for MWI:	(•) No, do not send SUBSCRIBE for Message Waiting Indication ( ) Yes, send periodical SUBSCRIBE for Message Waiting Indication
Send Anonymous:	(•) No ( ) Yes (caller ID will be blocked if set to Yes)
Anonymous Call Rejection:	(•) No ( ) Yes
Special Feature:	Standard
Session Expiration:	180 (in seconds. default 180 seconds)
Min-SE:	90 (in seconds. default and minimum 90 seconds)
Caller Request Timer:	(•) No ( ) Yes (Request for timer when making outbound calls)
Callee Request Timer:	(•) No ( ) Yes (When caller supports timer but did not request one)
Force Timer:	(•) No ( ) Yes (Use timer even when remote party does not support)
UAC Specify Refresher:	( ) UAC ( ) UAS (•) Omit (Recommended)
UAS Specify Refresher:	(•) UAC ( ) UAS (When UAC did not specify refresher tag)
Force INVITE:	(•) No ( ) Yes (Always refresh with INVITE instead of UPDATE)
Send Re-INVITE After Fax:	(•) No ( ) Yes
Enable Silence Detection for Fax Disconnect:	( ) No (•) Yes
Enable 100rel:	(•) No ( ) Yes
Use First Matching Vocoder in 200OK SDP:	(•) No ( ) Yes
Preferred Vocoder: (in listed order)	choice 1: PCMU choice 2: PCMA choice 3: G723 choice 4: G729 choice 5: G726-32 choice 6: iLBC choice 7: G729E choice 8: AAL2-G726-16
Voice Frames per TX:	2 (default 2, from 1 to 4 for G711/G726/G729)
G723 Rate:	(•) 6.3kbps encoding rate ( ) 5.3kbps encoding rate
iLBC Frame Size:	(•) 20ms ( ) 30ms
iLBC Payload Type:	97 (between 96 and 127, default is 97)
G726-32 Payload Type:	112 (between 96 and 127, default is 112)
AAL2-G726-16 Payload Type:	100 (between 96 and 127, default is 100)
AAL2-G726-24 Payload Type:	99 (between 96 and 127, default is 99)
AAL2-G726-32 Payload Type:	104 (between 96 and 127, default is 104)
AAL2-G726-40 Payload Type:	103 (between 96 and 127, default is 103)
G729E Payload Type:	102 (between 96 and 127, default is 102)
VAD:	(•) No ( ) Yes

Symmetric RTP:	(•) No ( ) Yes
Fax Mode:	(•) T.38 (Auto Detect) ( ) Pass-Through
Fax Tone Detection Mode:	( ) Caller (•) Callee ( ) Caller or Callee
Jitter Buffer Type:	( ) Fixed (•) Adaptive
Jitter Buffer Length:	( ) Low (•) Medium ( ) High
SRTP Mode:	(•) Disabled ( ) Enabled but not forced ( ) Enabled and forced
SLIC Setting:	USA
Caller ID Scheme:	Bellcore/Telcordia
Polarity Reversal:	(•) No ( ) Yes (reverse polarity upon call establishment and termination)
Loop Current Disconnect:	(•) No ( ) Yes (loop current disconnect upon call termination)
Loop Current Disconnect Duration:	200 (In 100 - 10000 milliseconds range, default is 200)
Hook Flash Timing:	In 40-2000 milliseconds range, minimum: 300 maximum: 1100
On Hook Timing:	400 (In 40-2000 milliseconds range, default is 400)
Gain:	*TX* 0dB default *RX* 0dB default
Disable Line Echo Canceller (LEC):	(•) No ( ) Yes

Ring Tones (Syntax: c=on1/off1-on2/off2-on3/off3;)

Ring Tone 1:	c=2000/4000;
Ring Tone 2:	c=2000/4000;
Ring Tone 3:	c=2000/4000;
Ring Tone 4:	c=2000/4000;
Ring Tone 5:	c=2000/4000;
Ring Tone 6:	c=2000/4000;
Ring Tone 7:	c=2000/4000;
Ring Tone 8:	c=2000/4000;
Ring Tone 9:	c=2000/4000;
Ring Tone 10:	c=2000/4000;

Update Cancel Reboot