

Distinctive Ringtone	<p>Custom Ring Tone 1 to 3 with associate Caller ID: when selected, if Caller ID is configured, then the device will ONLY uses this ring tone when the incoming call is from the Caller ID. System Ring Tone is used for all other calls. When selected but no Caller ID is configured, the selected ring tone will be used for all incoming calls. Distinctive ring tones can be configured not only for matching whole number, but also for matching prefixes. In this case symbol * (star) will be used.</p> <p>If server supports Alert-Info header and standard ring tone set (Bellcore) or distinctive ring tone 1-10 is specified, then the ring tone in the Alert-Info header from server will be used.</p> <p>For example:</p> <p>If configured as *617, Ring Tone 1 will be used in case of call arrived from Massachusetts. Any other incoming call will ring using cadence defined in parameter System Ring Cadence located under Advanced Settings Configuration page.</p>
Disable Call Waiting	Default is No . If set to YES Call Waiting indication information will not be provided to analog phone connected to this FXS port.
Disable Call Waiting Caller ID	Default is No . If set to YES Call Waiting caller ID will not be provided to analog phone connected to this FXS port.
Disable Call Waiting Tone	Default is No . This is to disable the stutter Call Waiting Tone when a Call Waiting call arrives. The CWCID will still be displayed.
Disable Receiver Offhook Tone	Default is No . If YES , ROH tone will not be played after off hook for 60 seconds.
Disable Reminder Ring for On-Hold Call	Default is No . This is to disable the Reminder Ring that is played when a call is waiting on hold and the analog phone goes on-hook.
Disable Visual MWI	Visual message indicator is a special on-hook caller ID type message that enables and disables the message waiting light on certain phones. GXW42XX has this feature enabled by default. However, certain phones (rare) that do not support it may mistakenly treat this CID signal as an incoming call. A configuration option is needed to turn on MWI in this case.
Visual MWI Type	This is the type of signal sent to the analog phone to make it turn the lamp ON upon receiving a Voice mail. Check the phone's manual to find out what signal is supported, FSK (default) or Neon.
Ring Timeout	Incoming call will stop ringing when not picked up given a specific period of time.
Hunting Group Ring Timeout	Default is 20 seconds . If call is not answered within this designated time period, the call will be forwarded to the next member of a Hunt Group.

Hunting Group Type	Linear and Circular. Linear style will sort the call to the lowest-numbered available line, this is also called "serial hunting". Circular style will distribute the calls "round-robin". If a call is assigned to line 1, the next call goes to 2 and the next to 3. The succession throughout each of the lines continues even if one of the previous lines becomes available. When the end of the hunt group is reached, the hunting starts over at the first line. Lines are skipped if they are still busy on a previous call. These two hunting styles can be configured from the Profile_x page.
Delayed Call Forward Wait Timeout	Default value is 20 seconds . In case this feature activated using * codes (*92 code), the call will be forwarded after this preconfigured amount of time.
No Key Entry Timeout	Default is 4 seconds . Call will be completed within this time interval if no additional key entry occurs.
Early Dial	<p>Default is No. Use only if proxy supports 484 response. This parameter controls whether the phone will send an early INVITE each time a key is pressed when a user dials a number. If set to "Yes", an INVITE is sent using the dial-number collected thus far; Otherwise, no INVITE is sent until the "(Re-)Dial" button is pressed or after about 5 seconds have elapsed if the user forgets to press the "Re-Dial" button. The "Yes" option should be used ONLY if there is a SIP proxy configured and the proxy server supports 484 Incomplete Address response. Otherwise, the call will likely be rejected by the proxy (with a 404 Not Found error).</p> <p><i><u>This feature is NOT designed to work with and should NOT be enabled for direct IP-to-IP calling.</u></i></p>
Dial Plan Prefix	Sets the prefix added to each dialed number.
Use # as Dial Key	Allows users to configure the "#" key as the "Send" (or "Dial") key. If set to "Yes", "#" will send the number. In this case, this key is essentially equivalent to the "Dial" key. If set to "No", this "#" key can be included as part of number.
Dial Plan	<p>Dial Plan Rules:</p> <ol style="list-style-type: none"> 1. Accept Digits: 1,2,3,4,5,6,7,8,9,0 , * , #, A,a,B,b,C,c,D,d 2. Grammar: x - any digit from 0-9; <ol style="list-style-type: none"> a. xx+ - at least 2 digits number; b. xx. – at least 2 digits number; c. ^ - exclude; d. [3-5] - any digit of 3, 4, or 5; e. [147] - any digit 1, 4, or 7; f. <2=011> - replace digit 2 with 011 when dialing

	<p>g. <=1> - add a leading 1 to all numbers dialed, vice versa will remove a 1 from the number dialed</p> <p>h. - or</p> <ul style="list-style-type: none"> • Example 1: {[369]11 1617xxxxxxx} – Allow 311, 611, 911, and any 10 digit numbers of leading digits 1617 • Example 2: {^1900x+ <=1617>xxxxxxx} – Block any number of leading digits 1900 and add prefix 1617 for any dialed 7 digit numbers • Example 3: {1xxx[2-9]xxxxxx <2=011>x+} – Allow any length of number with leading digit 2 and 10 digit-numbers of leading digit 1 and leading exchange number between 2 and 9; If leading digit is 2, replace leading digit 2 with 011 before dialing. <p>3. Default: Outgoing - {x+}</p> <p><u>Example of a simple dial plan used in a Home/Office in the US:</u></p> <p>{ ^1900x. <=1617>[2-9]xxxxxx 1[2-9]xx[2-9]xxxxxx 011[2-9]x. [3469]11 }</p> <p>Explanation of example rule (reading from left to right):</p> <ul style="list-style-type: none"> • ^1900x. - prevents dialing any number started with 1900 • <=1617>[2-9]xxxxxx - allows dialing to local area code (617) numbers by dialing 7 numbers and 1617 area code will be added automatically • 1[2-9]xx[2-9]xxxxxx - allows dialing to any US/Canada Number with 11 digits length • 011[2-9]x. - allows international calls starting with 011 <p>[3469]11 - allow dialing special and emergency numbers 311, 411, 611 and 911</p> <p>Note: In some cases user wishes to dial strings such as *123 to activate voice mail or other application provided by service provider. In this case * should be predefined inside dial plan feature and the Dial Plan will be: { [x*]+ }.</p>
Subscribe for MWI	Default is No . When set to “Yes” a SUBSCRIBE for Message Waiting Indication will be sent periodically.
Send Anonymous	If this parameter is set to “Yes”, the “From” header along with Privacy and P_Asserted_Identity headers in outgoing INVITE message will be set to anonymous, blocking Caller ID.
Anonymous Call Rejection	Default is No . If set to Yes, incoming calls with anonymous Caller ID will be rejected with 486 Busy message.
Special Feature	Default is Standard . Choose the selection to meet some special requirements from Softswitch vendors. Example of vendors - CBCOM, RNK.

Session Expiration	<p>Grandstream implemented SIP Session Timer. The session timer extension enables SIP sessions to be periodically “refreshed” via a SIP request (UPDATE, or re-INVITE. When the session interval expires, if there is no refresh via a UPDATE or re-INVITE message, the session will be terminated.</p> <p>Session Expiration is the time (in seconds) at which the session is considered timed out, if no successful session refresh transaction occurs beforehand. The default value is 180 seconds.</p>
Min-SE	The minimum session expiration (in seconds). The default value is 90 seconds .
Caller Request Timer	If selecting “Yes” the phone will use session timer when it makes outbound calls if remote party supports session timer.
Callee Request Timer	If selecting “Yes” the phone will use session timer when it receives inbound calls with session timer request.
Force Timer	<p>If selecting “Yes” the phone will use session timer even if the remote party does not support this feature. Selecting “No” will allow the phone to enable session timer only when the remote party support this feature.</p> <p>To turn off Session Timer, select “No” for Caller Request Timer, Callee Request Timer, and Force Timer.</p>
UAC Specify Refresher	As a Caller, select UAC to use the phone as the refresher, or UAS to use the Callee or proxy server as the refresher.
UAS Specify Refresher	As a Callee, select UAC to use caller or proxy server as the refresher, or UAS to use the phone as the refresher.
Force INVITE	Session Timer can be refreshed using INVITE method or UPDATE method. Select “Yes” to use INVITE method to refresh the session timer.
Send Re-INVITE After Fax	Default is No , If set to “Yes”, device will send an INVITE with audio vocoders upon completion of Fax to continue session in audio only.
Enable Silence Detection for Fax Disconnect	For fax machines that do not send a Disconnect when fax is done. This option Enables/Disables the detection of silence in order to know the fax has finished. The silence period is non-configurable and fixed to 7 seconds.
Enable 100rel	Enables the use of PRACK (Provisional Acknowledgment) method.
Use First Matching Vocoder in 200OK SDP	Default is No . If set to “Yes”, device will include only the first match vocoder in its 200OK response, otherwise it will include all match vocoders in same order received in INVITE.

- A: 22 (press the “2” key twice, “A” will show on the LCD)
- B: 222
- C: 2222
- D: 33 (press the “3” key twice, “D” will show on the LCD)
- E: 333
- F: 3333

For example: if the MAC address is 000b8200e395, it should be keyed in as “0002228200333395”.

NOTE:

1. Factory Reset will be disabled if the “**Lock keypad update**” is set to “Yes”.
2. If still have difficulties to get access to the device, pushing the reset button during booting up will trigger the **RECOVERY MODE**, and device will use static IP 192.168.1.234/24. You may need a direct connection to access the configuration page.