PortaDial Door Intercom

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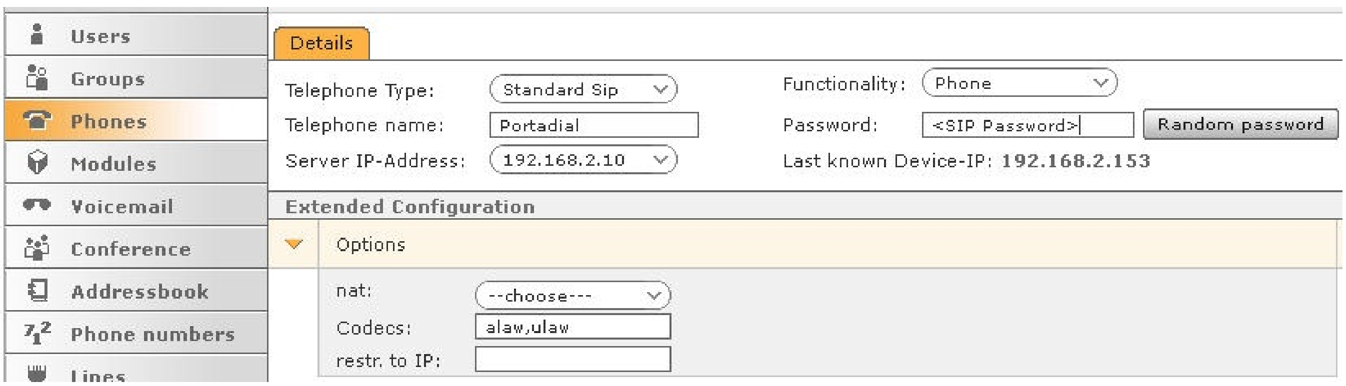
Tested with: Gigaset T300/T500 PRO: Software version 4.6.5.0
PortaDial type 1 with 1 pushbutton
PortaDial Interface 3 SIP


1. Create SIP account in Gigaset T300/T500

Go to: Configuration - Phones - Add additional Telephones



Use the settings like in the example above. Use the Password generator to create a secure Password

2. Open the Fasttel Wizard Elite door intercom web-interface

Go to *Advanced Settings 1*

SIP Server:	IP address of the Gigaset T300/T500
Outbound Server:	IP address of the Gigaset T300/T500
SIP User ID:	Telephone name defined in Gigaset T300/T500
Authenticate ID:	Telephone name defined in Gigaset T300/T500
Authenticate Password:	Password defined in Gigaset T300/T500
Send DTMF:	Only activate the option via RTP(RFC2833)

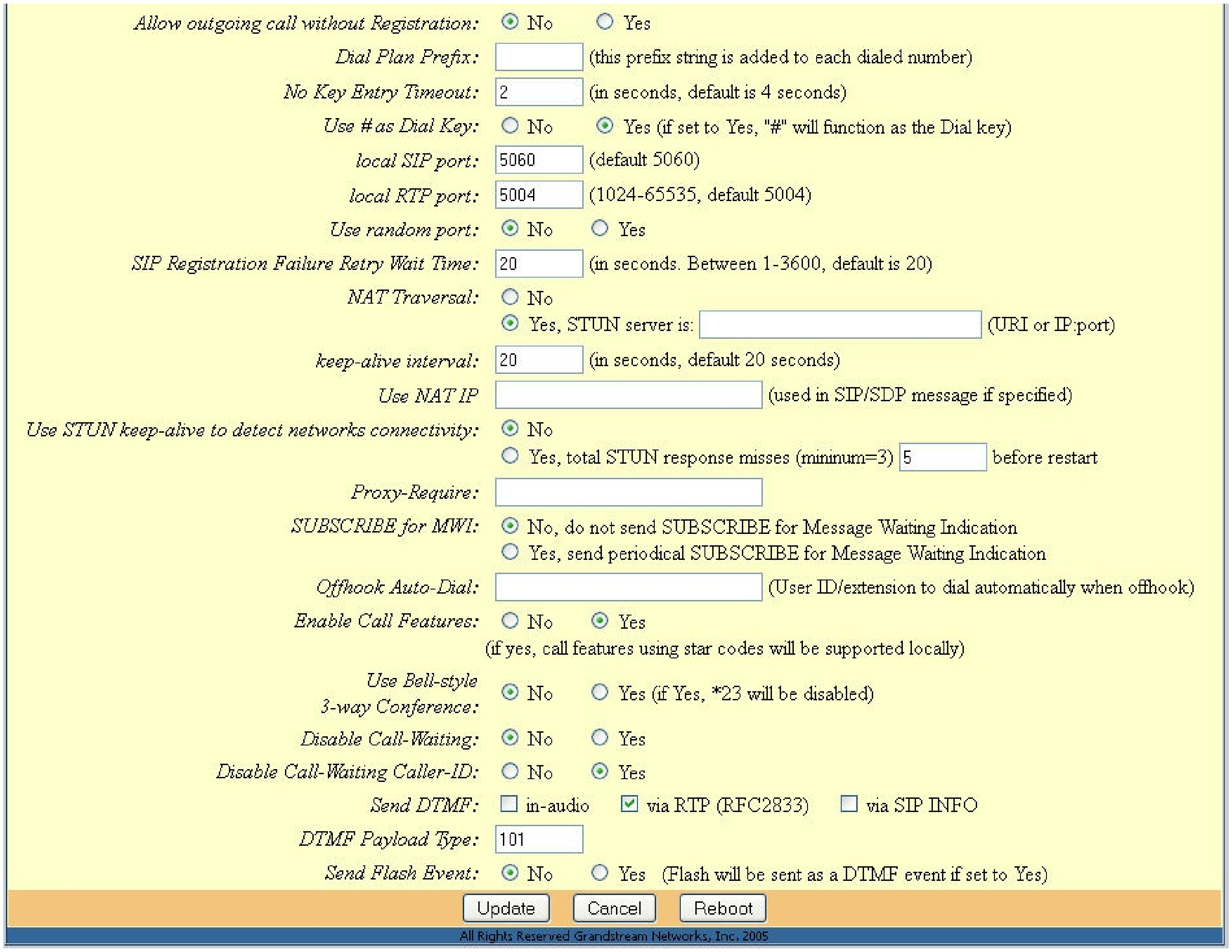
Grandstream Device Configuration

STATUS BASIC SETTINGS **ADVANCED SETTINGS 1** ADVANCED SETTINGS 2

Admin Password:		(purposely not displayed for security protection)
SIP Server:	192.168.2.10	(e.g., sip.mycompany.com, or IP address)
Outbound Proxy:	192.168.2.10	(e.g., proxy.myprovider.com, or IP address, if any)
SIP User ID:	Portadial	(the user part of an SIP address)
Authenticate ID:	Portadial	(can be identical to or different from **SIP User ID**)
Authenticate Password:		(purposely not displayed for security protection)
Name:	Doorintercom	(optional, e.g., John Doe)
Home NPA:		

Advanced Options:

Preferred Vocoder: (in listed order)	choice 1: current setting is " PCMA" choice 2: current setting is " PCMU" choice 3: current setting is " G723" choice 4: current setting is " G729" choice 5: current setting is " G726-32" choice 6: current setting is " iLBC" choice 7: current setting is " PCMU"
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)
Silence Suppression:	(•) No ( ) Yes
Voice Frames per TX:	2 (up to 10/20/32/64 for G711/G726/G723/other codecs respectively)
Fax Mode:	(•) T.38 (Auto Detect) ( ) Pass-Through
Layer 3 QoS:	48 (Diff-Serv or Precedence value)
Layer 2 QoS:	802.1Q/VLAN Tag 0 802.1p priority value 0 (0-7)
Allow incoming SIP messages from SIP proxy only:	(•) No ( ) Yes
Use DNS SRV:	(•) No ( ) Yes
User ID is phone number:	(•) No ( ) Yes
SIP Registration:	(•) Yes ( ) No
Unregister On Reboot:	( ) Yes (•) No
Register Expiration:	3600 (in seconds. default 1 hour, max 45 days)
Early Dial:	(•) No ( ) Yes (use "Yes" only if proxy supports 484 response)



Allow outgoing call without Registration:	(•) No ( ) Yes
Dial Plan Prefix:	[ ] (this prefix string is added to each dialed number)
No Key Entry Timeout:	[2] (in seconds, default is 4 seconds)
Use # as Dial Key:	( ) No (•) Yes (if set to Yes, "#" will function as the Dial key)
local SIP port:	[5060] (default 5060)
local RTP port:	[5004] (1024-65535, default 5004)
Use random port:	(•) No ( ) Yes
SIP Registration Failure Retry Wait Time:	[20] (in seconds. Between 1-3600, default is 20)
NAT Traversal:	( ) No (•) Yes, STUN server is: [ ] (URI or IP:port)
keep-alive interval:	[20] (in seconds, default 20 seconds)
Use NAT IP	[ ] (used in SIP/SDP message if specified)
Use STUN keep-alive to detect networks connectivity:	(•) No ( ) Yes, total STUN response misses (mininum=3) [5] before restart
Proxy-Require:	[ ]
SUBSCRIBE for MWI:	(•) No, do not send SUBSCRIBE for Message Waiting Indication ( ) Yes, send periodical SUBSCRIBE for Message Waiting Indication
Offhook Auto-Dial:	[ ] (User ID/extension to dial automatically when offhook)
Enable Call Features:	( ) No (•) Yes (if yes, call features using star codes will be supported locally)
Use Bell-style 3-way Conference:	(•) No ( ) Yes (if Yes, *23 will be disabled)
Disable Call-Waiting:	(•) No ( ) Yes
Disable Call-Waiting Caller-ID:	( ) No (•) Yes
Send DTMF:	[ ] in-audio [x] via RTP (RFC2833) [ ] via SIP INFO
DTMF Payload Type:	[101]
Send Flash Event:	(•) No ( ) Yes (Flash will be sent as a DTMF event if set to Yes)

Update Cancel Reboot

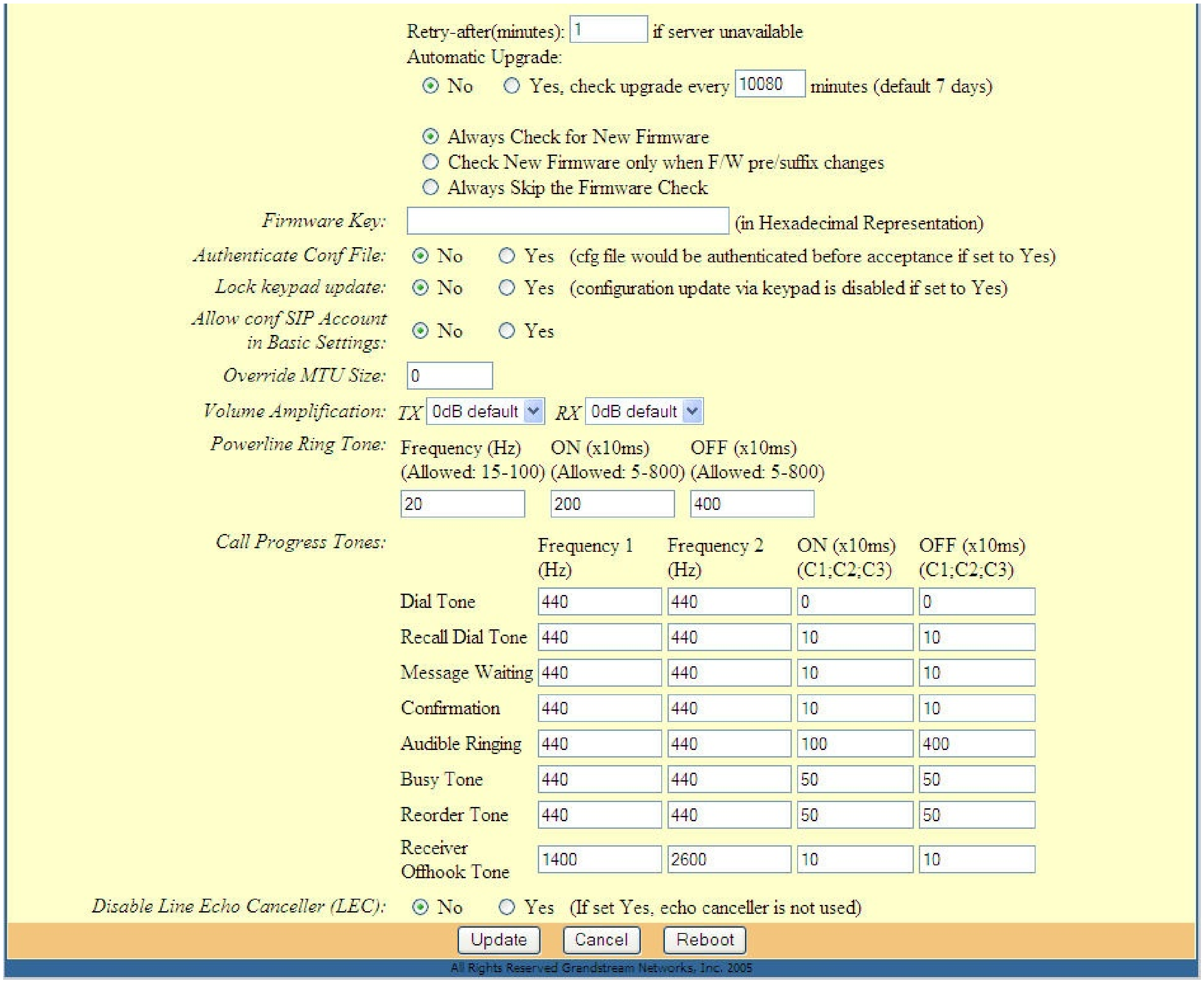
Go to *Advanced Settings 2*

NTP Server:	IP address of the Gigaset T300/T500

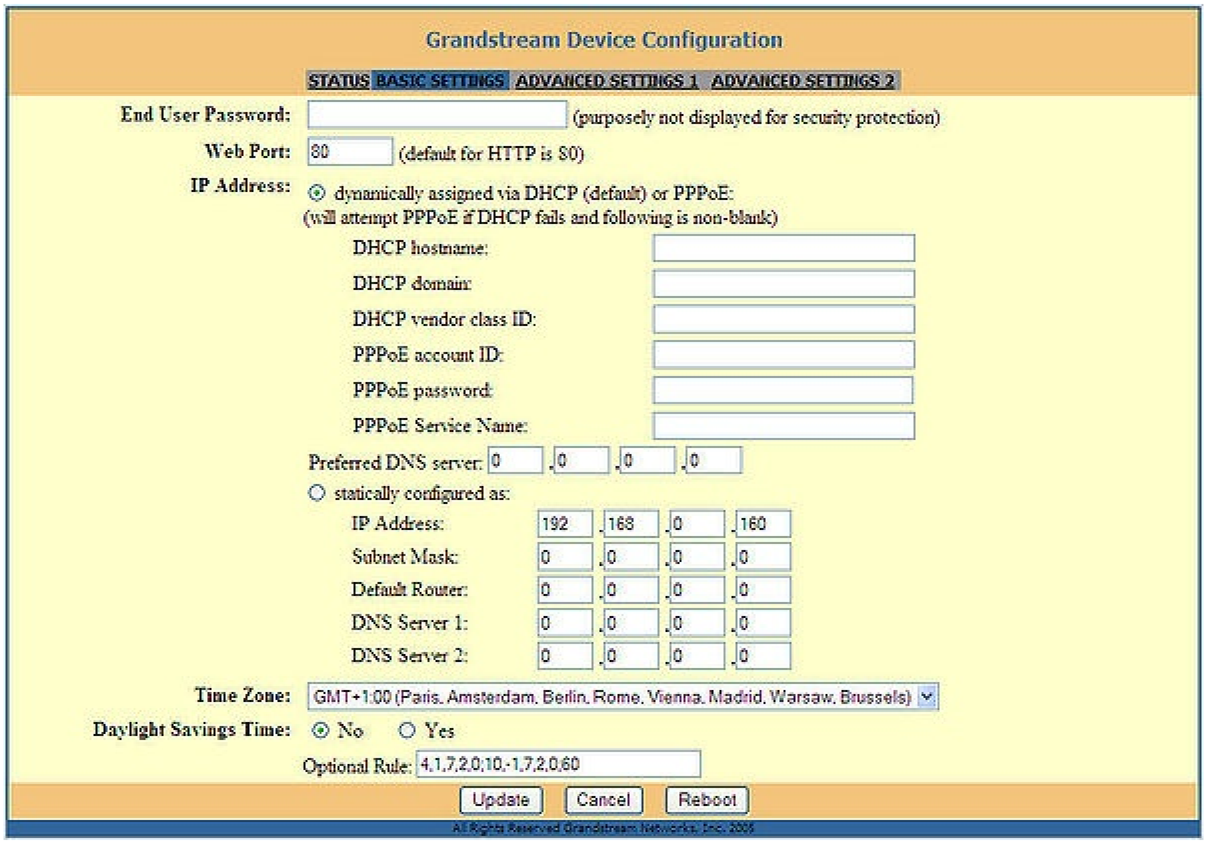
Grandstream Device Configuration

STATUS BASIC SETTINGS ADVANCED SETTINGS 1 ADVANCED SETTINGS 2

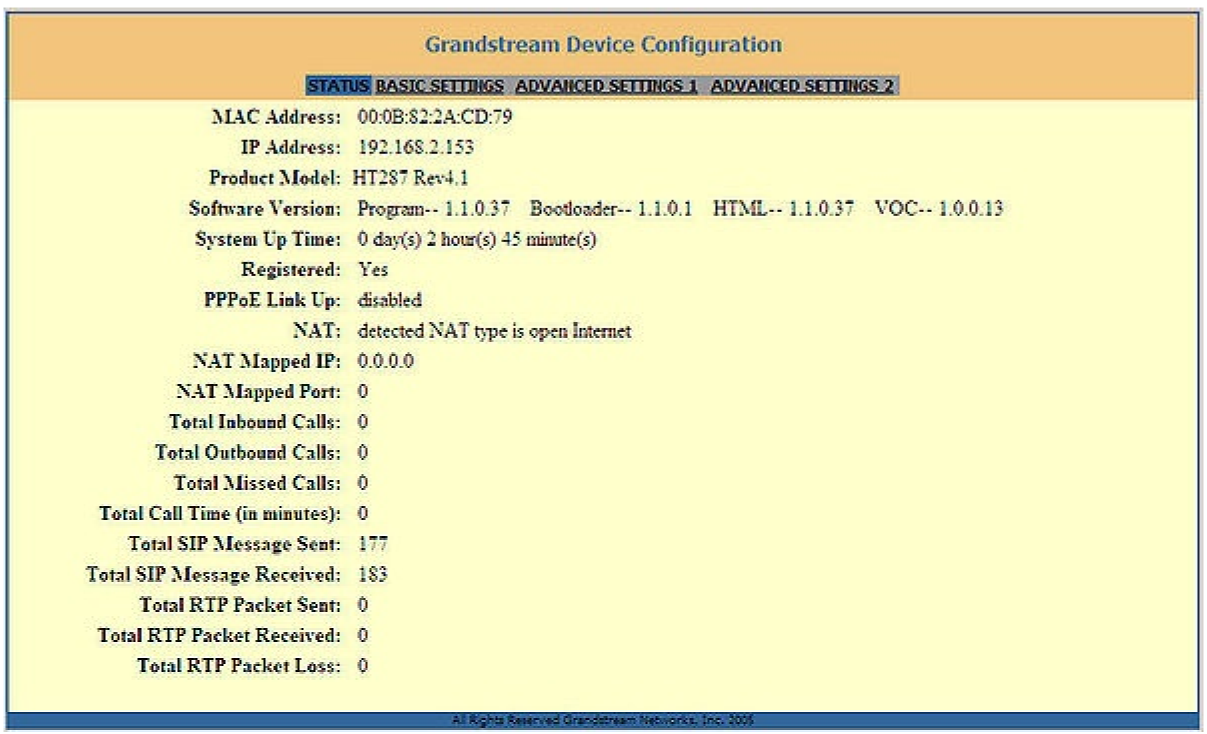
Onhook Threshold:	800 ms
FXS Impedance:	CTR21 (270 Ohm + 750 Ohm||150nF)
Caller ID Scheme:	ETSI-FSK (France, Germany, Norway, Taiwan, UK-CCA)
Onhook Voltage:	48V (High Power)
Polarity Reversal:	○ No ⊙ Yes (reverse polarity upon call establishment and termination)
NTP Server:	192.168.2.10 (URI or IP address)
Send Anonymous:	⊙ No ○ Yes (caller ID will be blocked if set to Yes)
Anonymous Method:	⊙ Use From Header ○ Use Privacy Header
Time to ring:	60 seconds
Special Feature:	Standard
CBCOM Encode	*SIP* None *RT(C)P* None *T38* None
CBCOM Encoder 1.1 Key:	(not shown for security reason)
Syslog Server:	
Syslog Level:	NONE
Session Expiration:	180 (in seconds. default 180 seconds)
Min-SE:	90 (in seconds. default and minimum 90 seconds)
Caller Request Timer:	○ Yes ⊙ No (Request for timer when making outbound calls)
Callee Request Timer:	○ Yes ⊙ No (When caller supports timer but did not request one)
Force Timer:	○ Yes ⊙ No (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:	○ Yes ⊙ No (Always refresh with INVITE instead of UPDATE)
Firmware Upgrade and Provisioning:	Upgrade Via ○ TFTP ⊙ HTTP Firmware Server Path: Configure Server Path: Firmware File Prefix: Firmware File Postfix: Config File Prefix: Config File Postfix:



Basic Settings



Status



3. Gigaset User account.

Without a Gigaset user account, the door intercom can be used to dial an internal number. Incoming and Outgoing calls are not possible.

Incoming calls to the door intercom are only possible when the door intercom is assigned to a user.

In the Gigaset T300/T500 Go to: Configuration - Users and create a new user, only to be used for the door intercom (user license).