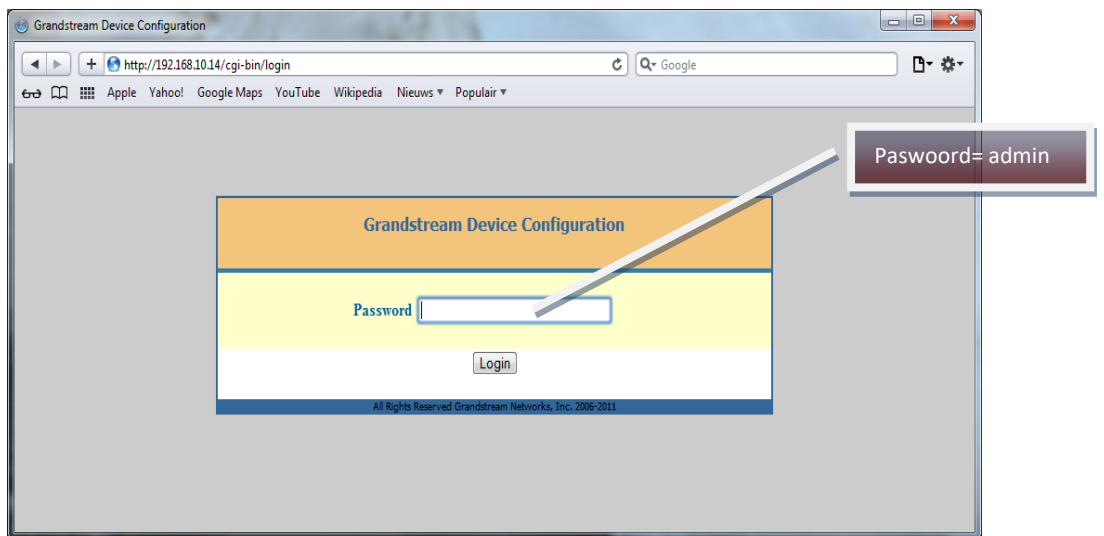


IPTALK_HT702_ed2.0

- Na aansluiten van de IPTALK_HT702 dient men eerst te bepalen of hij via DHCP of met een statisch IP adres moet werken. Standaard is dit DHCP.
 - Hoe wijzigen?
 - Sluit analoog toestel aan, neem hoorn op en vorm **** kies daarna de optie 01. De IPTalk vermeldt met een tekstbericht welke instelling actief is. Met 9 kan men wisselen tussen statisch of dynamisch IP-adres.
Met * ga je naar het volgende menu
 - Via optie 02 kan men eventueel het statische IPadres ingeven (9 cijfers bv: 192168013004 staat voor 192.168.13.4)
 - Via optie 03 kan men subnetmask ingeven (bijv: 255255255000)
 - Via optie 04 kan men de default gateway ingeven (enkel benodigd voor eventuele latere update van de software)
- Nadat het IP adres ingegeven is kan men de IPTALK via de webbrowser benaderen
 - `http://<ipadres IPTALK>`



- Onderstaande instellingen **in rood omkaderd** moeten gemaakt worden in **ADVANCED SETTINGS**

Grandstream Device Configuration

STATUS BASIC SETTINGS ADVANCED SETTINGS FXS PORT1 FXS PORT2

Admin Password: (purposely not displayed for security protection)

802.1Q/VLAN Tag (0-4094)

Layer 2 QoS: SIP 802.1p (0-7)

RTP 802.1p (0-7)

STUN server is : (URI or IP:port)

Keep-alive Interval: (in seconds, default 20 seconds)

Use STUN to detect network connectivity: No Yes, total STUN response misses to restart DHCP (minimum=3)

Use DNS to detect network connectivity: No Yes

Firmware Upgrade and Provisioning: Upgrade Via TFTP HTTP HTTPS

Firmware Server Path:

Config Server Path:

XML Config File Password:

HTTP/HTTPS User Name:

HTTP/HTTPS Password:

Always send HTTP Basic Authentication Information

Send HTTP Basic Authentication Information only when challenged

Firmware File Prefix: Firmware File Postfix:

Config File Prefix: Config File Postfix:

Allow DHCP Option 66 to override server:

No Yes

Automatic Upgrade:

No Yes, every minutes(30-5256000).

Yes, daily at hour (0-23). Yes, weekly on day (0-6).

Always Check for New Firmware at Boot up

Check New Firmware only when F/W pre/suffix changes

Always Skip the Firmware Check

Disable SIP NOTIFY Authentication: No Yes (Device will not challenge NOTIFY with 401 when set to Yes)

Authenticate Conf File: No Yes (cfg file would be authenticated before acceptance if set to Yes)

SIP TLS Certificate:

SIP TLS Private Key:

Country Specific Deployment: **None (Default)** ▼

System Ring Cadence:

Dial Tone:

Ringback Tone:

Busy Tone:

Reorder Tone:

Call Progress Tones:

Confirmation Tone:

Call Waiting Tone:

Prompt Tone:

Syntax: f1=val[, f2=val[, c=on1/off1[-on2/off2[-on3/off3]]]]; (Frequencies are in Hz and cadence on and off are in ms)

Prompt Tone Access Code: (Key pattern to get Prompt Tone. Maximum 20 digits. No default.)

Lock Keypad Update: No Yes (configuration update via keypad is disabled if set to Yes)

Disable Voice Prompt: No Yes (voice prompt is disabled if set to Yes)

Disable Direct IP Call: No Yes (direct IP call is disabled if set to Yes)

NTP Server: (URI or IP address)

Allow DHCP option 42 to override NTP server: No Yes

Syslog Server:

Syslog Level: **NONE** ▼

Send SIP Log: No Yes

Download Device Configuration:

Upload firmware:

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Klik vervolgens op Update en Apply

Grandstream Device Configuration

STATUS BASIC SETTINGS ADVANCED SETTINGS FXS PORT1 FXS PORT2

Admin Password: (purposely not displayed for security protection)

802.1Q/VLAN Tag (0-4094)

Layer 2 QoS:

SIP 802.1p (0-7)

RTP 802.1p (0-7)

STUN server is : (URI or IP:port)

Keep-alive Interval: (in seconds. default 20 seconds)

Kies vervolgens **FXS PORT1**

SIP server en Outbound Proxy: Ipadres van de SIP server.
 SIP UserID en Name: intern telefoonnummer van de IPTALK.

Grandstream Device Configuration

[STATUS](#)
[BASIC SETTINGS](#)
[ADVANCED SETTINGS](#)
[FXS PORT 1](#)
[FXS PORT 2](#)

Account Active: No Yes

Primary SIP Server: (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)

Allow DHCP Option 120(override SIP server): No Yes

SIP Transport: UDP TCP TLS (default is UDP)

NAT Traversal: No Keep-Alive STUN UPnP

SIP User ID: (the user part of an SIP address)

Authenticate ID: (can be identical to or different from SIP User ID)

Authenticate Password: (purposely not displayed for security protection)

Name: (optional, e.g., John Doe)

DNS Mode: A Record SRV NAPTR/SRV

Tel URI:

SIP Registration: No Yes

Unregister On Reboot: No Yes

Outgoing Call without Registration: No Yes

Register Expiration: (in minutes. default 1 hour, max 45 days)

Reregister before Expiration: (in seconds. Default 0 second)

SIP Registration Failure Retry Wait Time: (in seconds. Between 1-3600, default is 20)

Layer 3 QoS: SIP DSCP (Diff-Serv value in decimal, default 24)
 RTP DSCP (Diff-Serv value in decimal, default 46)

Local SIP port: (default is 5060 for UDP and TCP; 5061 for TLS)

Local RTP port: (even number between 1024-65535, default 5004)

Use Random SIP Port: No Yes

Use Random RTP Port: No Yes

Refer-To Use Target Contact: No Yes

Transfer on Conference Hangup: No 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)

Authenticate incoming INVITE: No Yes

Allow Incoming SIP Messages from SIP Proxy Only: No Yes (no direct IP calling if Yes)

Use Privacy Header: Default No Yes

Fasttel België, Klipsenstraat 18A, 9160 Lokeren. Tel +32 (0)9 244 65 20, info@fasttel.be
 Fasttel Nederland, Heiligenboom 3, 5066 CB Moergestel. Tel +31 (0)13 513 65 14 info@fasttel.nl

Proxy-Require:

Use NAT IP: (used in SIP/SDP message if specified)

Use SIP User-Agent Header:

Ring Tone 1 used if incoming caller ID is

Distinctive Ring Tone: 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

Do Not Escape '#' as %23 in SIP URI: No Yes

Disable Multiple m line in SDP: No Yes

Ring Timeout: (10-300, default is 60 seconds)

Delayed Call Forward Wait Time: (Allowed range 1-120, in seconds.)

No Key Entry Timeout: (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:

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:

Session Expiration: (in seconds, default 180 seconds)

Min-SE: (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)

Enable 100rel: No Yes

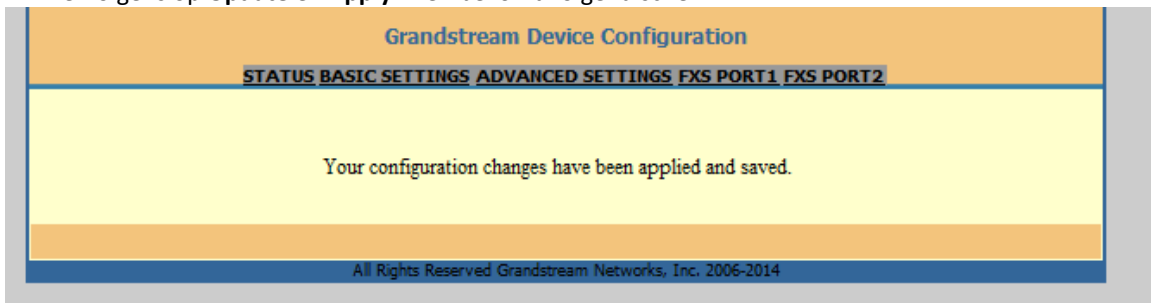
Add Auth Header On Initial REGISTER: No Yes

Use First Matching Vocoder in 200OK SDP: No Yes

Preferred Vocoder: choice 1: choice 2: choice 3:

The screenshot shows the 'Advanced Settings' page for a Grandstream device. A red box highlights the 'SLIC Setting' dropdown menu, which is set to 'EUROPEAN CTR21'. Below it, the 'Caller ID Scheme' is set to 'ETSI-FSK during ringing'. The 'DTMF Caller ID' section has 'Start Tone' and 'Stop Tone' both set to 'Default'. Other settings include: 'Polarity Reversal' (No), 'Loop Current Disconnect' (No), 'Loop Current Disconnect Duration' (200 ms), 'Enable Hook Flash' (Yes), 'Hook Flash Timing' (300-1100 ms), 'On Hook Timing' (400 ms), 'Gain' (TX: 0dB, RX: -6dB), 'Disable Line Echo Cancellor (LEC)' (No), 'Disable Network Echo Suppressor' (No), 'Ring Frequency' (20 Hz), and 'Enable High Ring Power' (No). A 'Ring Tones' section contains 10 input fields, each with the default value 'c=2000/4000;'. At the bottom, there are 'Update', 'Apply', 'Cancel', and 'Reboot' buttons. The footer reads 'All Rights Reserved Grandstream Networks, Inc. 2006-2014'.

Klik vervolgens op **Update** en **Apply** men bekomt volgend scherm.



Klik vervolgens op **FXS PORT2** en men bekomt volgend scherm en doe de zelfde settings als voor FXS PORT1 , waarbij enkel de SIP user gegevens verschillend zijn.
Klik vervolgens op **BASIC SETTINGS**

The screenshot shows the 'Grandstream Device Configuration' web interface. At the top, there are tabs for 'STATUS', 'BASIC SETTINGS', 'ADVANCED SETTINGS', 'FXS PORT 1', and 'FXS PORT 2'. The 'ADVANCED SETTINGS' tab is selected. The configuration fields include:

- End User Password:** A text input field with a note: "(purposely not displayed for security protection)".
- Web Port:** A text input field containing '80' with a note: "(default for HTTP is 80)".
- Telnet Server:** Radio buttons for 'No' and 'Yes', with 'Yes' selected.
- IP Address:** Radio buttons for 'dynamically assigned via DHCP' (selected) and 'use PPPoE'.
 - DHCP hostname:** A text input field with a note: "(optional)".
 - DHCP vendor class ID:** A text input field containing 'HT7XX' with a note: "(optional)".
 - PPPoE account ID:** A text input field.
 - PPPoE password:** A text input field.
 - PPPoE Service Name:** A text input field.
- DNS Servers:** Four rows for '1st Preferred DNS server' through '4th Preferred DNS server', each with four input boxes for IP address (e.g., 0, .0, .0, .0).
- Statically configured as:** Radio button selected, with fields for:
 - IP Address:** 192, .168, .0, .160
 - Subnet Mask:** 255, .255, .0, .0
 - Default Router:** 0, .0, .0, .0
 - DNS Server 1:** 0, .0, .0, .0
 - DNS Server 2:** 0, .0, .0, .0
- Time Zone:** A dropdown menu showing 'GMT+01:00 (Roma, Paris, Madrid, Prague, Berlin, Budapest, Amsterdam, Barcelona)'. This field is highlighted with a red box.
- Self-Defined Time Zone:** A text input field containing 'MTZ+6MDT+5,M4.1.0,M11.1.0' with a note: "(For example.)".
- Allow DHCP server to set Time Zone:** Radio buttons for 'No' and 'Yes', with 'Yes' selected.
- Language:** A dropdown menu showing 'English'.
- Reset Type:** A dropdown menu showing 'ISP Data Reset' and a 'Reset' button.

At the bottom of the form are buttons for 'Update', 'Apply', 'Cancel', and 'Reboot'. Below the buttons, it says 'All Rights Reserved Grandstream Networks, Inc. 2006-2014'.

Hier kan eventueel nog de instellingen gemaakt worden indien een statisch IPadres gewenst is.

Kies vervolgens op **Reboot**.

De IPTALK is gereed voor gebruik met uw Fasttel deurtelefoon(s). Deze laatste dient wel nog geprogrammeerd te worden met oa een oproepnummer