# T300/T500 - Grandstream HT-502/503 VoIP-ATA - How To

This article will describe the configuration of the HandyTone 502/503 behind the Gigaset T300/500 PBX system.

To guarantee a proper operation, please update the device first to the latest sw-version (V1.0.8.4, 05.02.2013).

The automatic (one-touch) setup is not supported with these devices. If you want to use this mechanism, please use the Patton or Grandstream HT702/704 devices.

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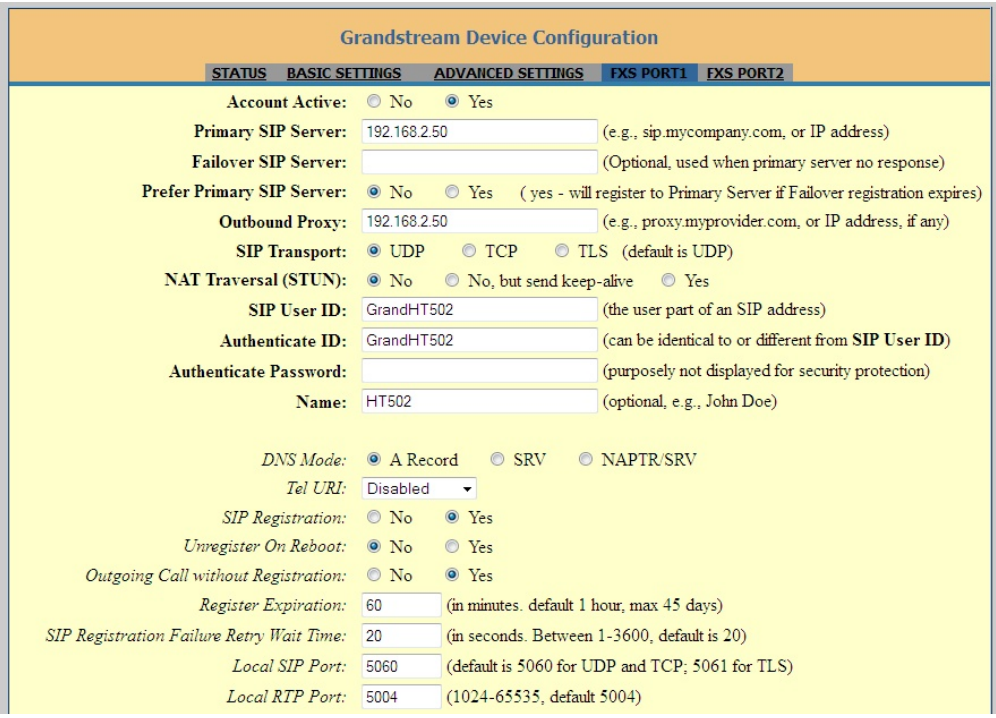
To use a Grandstream VoIP ATA to connect a fax machine to the T300/T500 PBX you have to take the following steps:

1. Connect the ATA Adapter to your network using the WAN port of the box and connect the powercable. To start the configuraration connect an analog phone to the phone1 connector of the box and dial *****. The voice menu asks you to choose the wanted menu. Dial **12** and in the next step **9**. This enables WAN side http access. Hang up the phone. Restart the box by switching the power. Then take the phone and dial ***. At the voice menu dial **02**. The voice system will tell you the current IP address of the box.

2. Open your webbrowser and type in the address, e. g. 192.168.2.24. The default password of the box is **admin**.

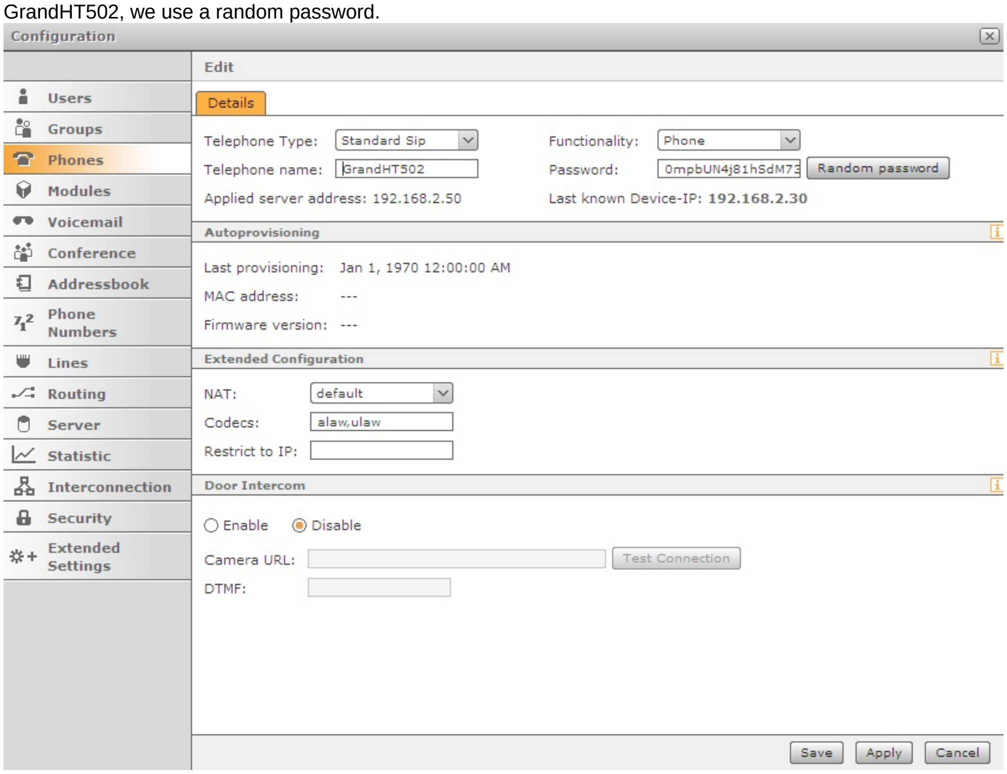
3. The basic and advanced settings can be kept by default.

4. The FXS Port Menu has to be configured as shown




In our example the T500 PBX uses 192.168.2.50 as IP address.

The SIP name configured in the PBX is GrandHT502, we use a random password.



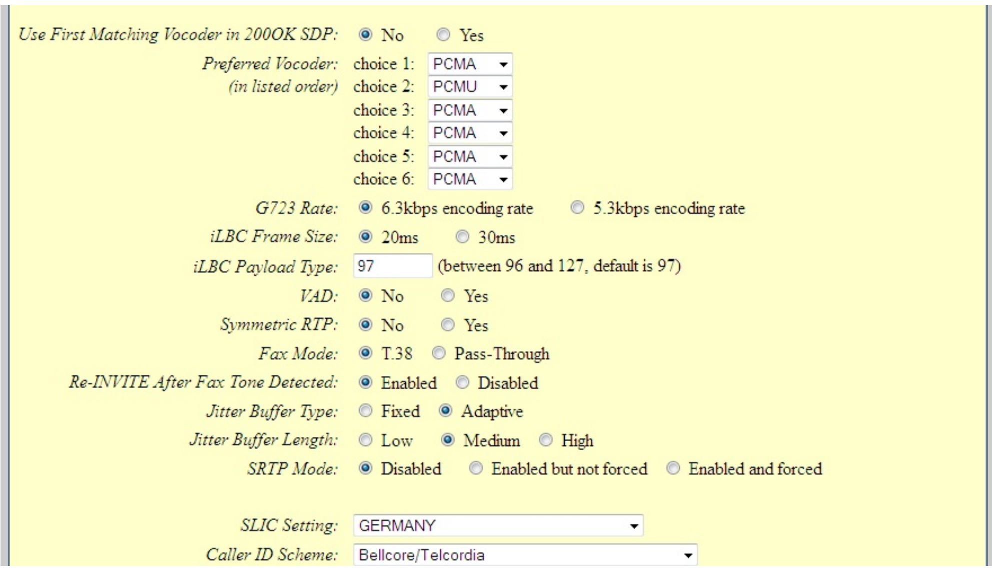

We advice to check the codec settings at the bottom of the FXS port menu.

We strongly advice only to use the G711 alaw
/ulaw codec for use with connected fax machines.

### Additional Information:

### External Link

### ATTENTION: No further support for this device from Gigaset!!



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|---|---|
| *Use First Matching Vocoder in 200OK SDP:* | No / Yes |
| *Preferred Vocoder: (in listed order)* | choice 1: PCMA<br>choice 2: PCMU<br>choice 3: PCMA<br>choice 4: PCMA<br>choice 5: PCMA<br>choice 6: PCMA |
| *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) |
| *VAD:* | No / Yes |
| *Symmetric RTP:* | No / Yes |
| *Fax Mode:* | T.38 / Pass-Through |
| *Re-INVITE After Fax Tone Detected:* | Enabled / Disabled |
| *Jitter Buffer Type:* | Fixed / Adaptive |
| *Jitter Buffer Length:* | Low / Medium / High |
| *SRTP Mode:* | Disabled / Enabled but not forced / Enabled and forced |
| *SLIC Setting:* | GERMANY |
| *Caller ID Scheme:* | Bellcore/Telcordia |