VBUZZER

Grandstream Gateways & ATA's

HT-286, 502, 503, 701, 702, 704, GWX-4008 & 4004

Configuration Guide

VBUZZER

Find the IP Address

Quick Steps

1. Lift the handset of the phone connected to your ATA, Dial *** to initiate the IVR Menu
2. Wait to be instructed to enter your command.
3. Dial 02 and the IP address will be played to you.

MANUAL CONFIGURATION

Quick Steps

1. Find the IP address of the device and open a web browser to the IP address.
2. Login with the device admin password. Default factory password is admin

Grandstream Device Configuration
Password [   ]
Login
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![VBUZZER]

3. Click on the "**Basic Settings**" option at the top.

Your telephones receive their time from the ATA device. Be sure you select the correct time zone below and enter NTP server value (in Advanced Settings):

Grandstream Device Configuration

| STATUS | BASIC SETTINGS | ADVANCED SETTINGS | FXS PORT |

End User Password: _____ (purposely not displayed for security protection)

Web Port: `80` (default for HTTP is 80)

Telnet Server: ○ No ⦿ Yes

IP Address: ⦿ dynamically assigned via DHCP

    DHCP hostname: _____ (optional)

    DHCP vendor class ID: `HT7XX` (optional)

○ use PPPoE

    PPPoE account ID: _____

    PPPoE password: _____

    PPPoE Service Name: _____

1st Preferred DNS server: `0` . `0` . `0` . `0`

2nd Preferred DNS server: ___ . ___ . ___ . ___

3rd Preferred DNS server: ___ . ___ . ___ . ___

4th Preferred DNS server: ___ . ___ . ___ . ___

○ statically configured as:

    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: `GMT-05:00 (Eastern Time)` ⬅

Self-Defined Time Zone: `MTZ+6MDT+5,M3.2.0,M11.1.0` (For example: MTZ+6MDT+5,M4.1.0,M11.1.0)

Allow DHCP server to set Time Zone: ⦿ No ○ Yes ⬅

Language: `English`

Reset Type: `ISP Data Reset` [Reset]

Click Apply.

[Update] [Apply] [Cancel] [Reboot]

4. Click on the "**Advanced Settings**" option at the top.

To prevent your ATA device from receiving direct IP calls (calls not originating through VBuzzer), set the following option to Yes:

Disable Direct IP Call = Yes

Your telephones receive their time from the ATA device. Be sure you set the correct time zone (in Basic Settings) and the below NTP server value:

NTP Server: ca.pool.ntp.org

Click Apply

5. Click on the "**FXS Port**" option at the top.

Primary SIP Server	= sip1-on.vbuzzer.com
SIP User ID	= VBuzzer Account ID (not your username)
Authenticate ID	= VBuzzer Account ID (not your username)
Authenticate Password	= VBuzzer Account Password (the long one)

![VBUZZER logo]

Although port 5060 (the default SIP port) should work fine for most… to avoid issues with some routers and SIP ALG, we recommend using the following port values:

Local SIP port: 25060

Local RTP port: 25004

To prevent your ATA device from receiving direct IP calls (calls not originating through VoIP Much), set the following option to Yes:

Allow Incoming SIP Messages from SIP Proxy Only = Yes

SIP Registration Failure Retry Wait Time:	20	(in seconds. Between 1-3600, default is 20)
Layer 3 QoS:	26	SIP DSCP (Diff-Serv value in decimal, default 24)
	46	RTP DSCP (Diff-Serv value in decimal, default 46)
Local SIP port:	25060	(default: 5060 for UDP and TCP; 5061 for TLS)
Local RTP port:	25004	(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	
Use P-Preferred-Identity Header:	● Default ○ No ○ Yes	
SIP REGISTER Contact Header Uses:	● LAN Address ○ WAN Address	
SIP T1 Timeout:	0.5 sec ▾	
SIP T2 Interval:	4 sec ▾	
SIP Timer D:	0	(0 - 64 seconds. Default 0)
DTMF Payload Type:	101	
Preferred DTMF method: (in listed order)	Priority 1: RFC2833 ▾ Priority 2: SIP INFO ▾ Priority 3: In-audio ▾	
Disable DTMF Negotiation:	● No (negotiate with peer) ○ Yes (use above DTMF order without negotiation)	

The remaining settings on this page remain at their default values.

Click Apply.

| Update | Apply | Cancel | Reboot |

6. Click Reboot

Grandstream Device Configuration

STATUS   BASIC SETTINGS   ADVANCED SETTINGS   FXS PORT

Your configuration changes have been saved.
They will take effect on next reboot.
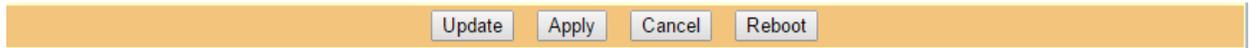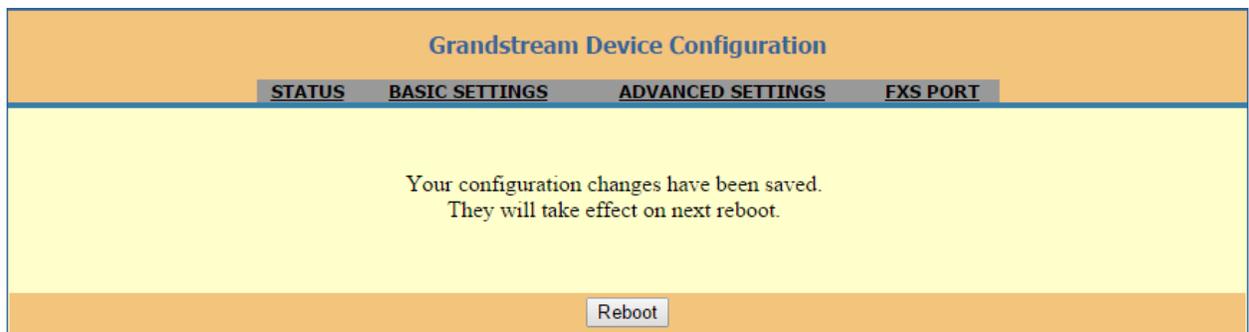
Reboot

Your ATA will reboot and register to the VBuzzer network.

Reboot time can be approx. 1 to 2 minutes.