



BBPGlobal
Add voice to your internet

GrandStream Budge Tone 100 Configuration Instructions

Version 1.0

Configuration Instruction for Grandstream BudgeTone-100

A. Physical Connection

1. Using a Network Cable to connect between the router and the LAN port of the phone.
2. Connect the computer to the PC port (if applicable) with a network cable.
3. Connect the power adapter between the wall socket and +5V.



B. Locate IP address of the Phone

1. Press "Menu"
2. Press the arrow key to show "IP Addr"
3. Press "Menu"
4. The numbers shown would be the IP address.

C. Open Configuration Page

1. Open Internet Explorer
2. Type the IP address onto the address field.
3. Type Password. Default password is "admin".

D. Configuration – Basic Settings

1. Key in the information as illustrated. The preferred DNS server is 139.130.4.4.

Grandstream Device Configuration

STATUS
 BASIC SETTINGS
 ADVANCED SETTINGS

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

IP Address: dynamically assigned via DHCP (default) or PPPoE
(will attempt PPPoE if DHCP fails and following is non-blank)

PPPoE account ID:

PPPoE password:

Preferred DNS server:

statically configured as:

IP Address: . . .

Subnet Mask: . . .

Default Router: . . .

DNS Server 1: . . .

DNS Server 2: . . .

Time Zone: ▼

Daylight Savings Time: No Yes (if set to Yes, display time will be 1 hour ahead of normal time)

Year-Month-Day

Month-Day-Year

Day-Month-Year

All Rights Reserved Grandstream Networks, Inc. 2005

Click Update and Reboot for the changes to take effect.



E. Configuration – Advanced Settings

1. Key in the information as illustrated.

Grandstream Device Configuration

STATUS
BASIC SETTINGS
ADVANCED SETTINGS

Admin Password: (purposely not displayed for security protection)

SIP Server: (e.g., sip.mycompany.com, or IP address)

Outbound Proxy: (e.g., proxy.myprovider.com, or IP address, if any)

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)

Advanced Options:

Preferred Vocoder: (in listed order)

choice 1:	current setting is "G729"	<input type="button" value="v"/>
choice 2:	current setting is "G723"	<input type="button" value="v"/>
choice 3:	current setting is "G722"	<input type="button" value="v"/>
choice 4:	current setting is "G729"	<input type="button" value="v"/>
choice 5:	current setting is "G726-32"	<input type="button" value="v"/>
choice 6:	current setting is "G728"	<input type="button" value="v"/>
choice 7:	current setting is "iLBC"	<input type="button" value="v"/>
choice 8:	current setting is "G722"	<input type="button" value="v"/>

G723 rate: 6.3kbps encoding rate 5.3kbps encoding rate

iLBC frame size: 20ms 30ms

iLBC payload type: (between 96 and 127, default is 97)

Silence Suppression: No Yes

Voice Frames per TX: (up to 10/20/32/64 for G711/G726/G723/other codecs respectively)

Layer 3 QoS: (Diff-Serv or Precedence value)

Layer 2 QoS: 802.1Q/VLAN Tag 802.1p priority value (0-7)

Use DNS SRV: No Yes

User ID is phone number: No Yes

SIP Registration: Yes No

Unregister On Reboot: Yes No

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

Early Dial: No Yes (use "Yes" only if proxy supports 484 response)

Dial Plan Prefix: (this prefix string is added to each dialed number)

No Key Entry Timeout: (in seconds, default is 4 seconds)



Use # as Dial Key: No Yes (if set to Yes, "#" will function as the "(Re-)Dial" key)

local SIP port: (default 5060)

local RTP port: (1024-65535, default 5004)

Use random port: No Yes

NAT Traversal: No

 Yes, STUN server is: (URI or IP:port)

keep-alive interval: (in seconds, default 20 seconds)

Use NAT IP: (if specified, this IP address is used in SIP/SDP message)

Proxy-Require: (if specified, the content will appear in Proxy-Require header)

Firmware Upgrade: Via TFTP Server . . .

 Via HTTP Server

 Automatic HTTP Upgrade:

 No Yes, check for upgrade every days (default 7 days)

Voice Mail UserID: (User ID/extension for 3rd party voice mail system)

SUBSCRIBE for MWI: No, do not send SUBSCRIBE for Message Waiting Indication

 Yes, send periodical SUBSCRIBE for Message Waiting Indication

Auto Answer: No Yes

Offhook Auto-Dial: (User ID/extension to dial automatically when offhook)

Enable Call Features: No Yes (if Yes, Call Forwarding & Call-Waiting-Disable are supported locally)

Disable Call-Waiting: No Yes

Send DTMF: in-audio via RTP (RFC2833) via SIP INFO

DTMF Payload Type:

Send Flash Event: No Yes (Flash will be sent as a DTMF event if set to Yes)

NTP Server: (URI or IP address)

Default Ring Tone: system ring tone

 custom ring tone 1, used if incoming caller ID is

 custom ring tone 2, used if incoming caller ID is

 custom ring tone 3, used if incoming caller ID is

Send Anonymous: No Yes (caller ID will be blocked if set to Yes)

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

Syslog Server:

Syslog Level:

All Rights Reserved Grandstream Networks, Inc. 2005

2. Click Update and Reboot for the changes to take effect.