



**Isotropic™**

**PROGRAMMING A  
GRANDSTREAM VOIP PHONE**

# PROGRAMMING A GRANDSTREAM VOIP PHONE

- 1 Connect an Ethernet cable from an internet connection to the LAN Port on the back of the phone and another Ethernet cable from your PC to the PC Port on the back of the phone.
- 2 Once the phone has booted up, discover the IP address by pressing the Center button (looks like a circle) to access the **Main Menu**. Scroll right and select **Status**, then scroll down one and select **Network Status**. Note the **IPv4 Address** and enter it into the address bar of your web browser.

Username: admin

Password: admin



- 3 Move the mouse over the **Accounts** tab, then select **Account 1**, and click on **General Settings**



- 4 On the **General Settings** page, the following changes need to be made:

Account Name: *Name of Site*

Authenticate ID: Extension Number (**see last page**)

SIP Server: 162.255.244.66

Authenticate Password: SIP Secret (**see last page**)

SIP User ID: Extension Number (**see last page**)

Name: *Name of Site*

5 Click on **Save**.

Accounts

Account 1

General Settings

Account Active  No  Yes

Account Name Patson

SIP Server 100.42.0.42

Secondary SIP Server

Outbound Proxy

SIP User ID 317

Authenticate ID 317

Authenticate Password \*\*\*\*\*

Name Patson

Voice Mail User ID

Save Save and Apply Reset

6 Click on **SIP Settings** to expand the selections and then click on **Basic Settings**

Make the following changes:

SIP Registration Failure Retry Wait Time: 30

SIP T1 Timeout: 2 sec

7 Click on **Save**.

Accounts

Account 1

General Settings

Network Settings

SIP Settings

Basic Settings

Advanced Features

Session Timer

Security Settings

Audio Settings

Call Settings

Account 2 +

Account 3 +

Basic Settings

TEL URI  Disabled  User=phone  Enabled

SIP Registration  No  Yes

Unregister on Reboot  No  Yes

Register Expiration 60

Reregister before Expiration 0

Local SIP Port 5060

SIP Registration Failure Retry Wait Time 30

SIP T1 Timeout 2 sec

SIP T2 Timeout 4 sec

SIP Transport  UDP  TCP  TLS/TCP

SIP URI Scheme When Using TLS  sip  sips

Use Actual Ephemeral Port in Contact with TCP/TLS  No  Yes

Remove OBP from Route  No  Yes

Support SIP Instance ID  No  Yes

SUBSCRIBE for MWI  No  Yes

SUBSCRIBE for Registration  No  Yes

Enable 100rel  No  Yes

Caller ID Display  Auto  Disabled  From Header

Use Privacy Header  Default  No  Yes

Use P-Preferred-Identity Header  Default  No  Yes

Save Save and Apply Reset

8 Click on **Security Settings**

9 Change **Accept Incoming SIP from Proxy Only** to **Yes**

10 Click on **Save and Apply**.

### Security Settings

Check Domain Certificates  No  Yes

Validate Certificate Chain  No  Yes

Validate Incoming Messages  No  Yes

Check SIP User ID for Incoming INVITE  No  Yes

Accept Incoming SIP from Proxy Only  No  Yes

Authenticate Incoming INVITE  No  Yes

11 Once the changes have been applied successfully, you can click on the Account Status to see if the line has registered:

### Account Status

Account	SIP User ID	SIP Server	SIP Registration
Account 1	317	100.42.0.42	YES
Account 2			NO
Account 3			NO

Extension	SIP Secret	Phone Number

**Note:** To check a line's voicemail dial **\*97** from that line and enter the password: 1234

12 At the top of the page under **Maintenance** select **Web Access**

**13** Change the **User Password** to P@55w0rd!

**14** Change the **Admin Password** to w0rIDConn3ct421

**15** Click on **Save**.

Web Access

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User Password

New Password

Confirm Password

Admin Password

Current Password

New Password

Confirm Password