



Net-Phone GXP2000 Quick Setup Guide

Revision 1.0 for Net-PBX version 2.0

For latest version please go to www.net-voice.net/documentation.php

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Approved Phones

Net-Voice has tested and approved the Net-Phone GXP2000 for use with Net-PBX. This document describes the set up of this phone for use with Net-PBX.

The Net-Phone GXP2000 is classified as an 'executive phone' as it has functionality for handling up to four calls simultaneously and up to four accounts. It also features an Ethernet pass-through port and a large backlit LCD screen.

1. Physical setup

This section describes how to set up the Net-Phone GXP2000.

- Connect the handset to the base unit using the coiled cable.
- Connect the base unit from the 'LAN' port to the network using either the supplied cable or any standard Ethernet cable. The second port can be used to connect another Ethernet device to the network.
- Plug the power adapter into the mains and the phone.

This should result in the phone's display lighting up.

2. Configuration

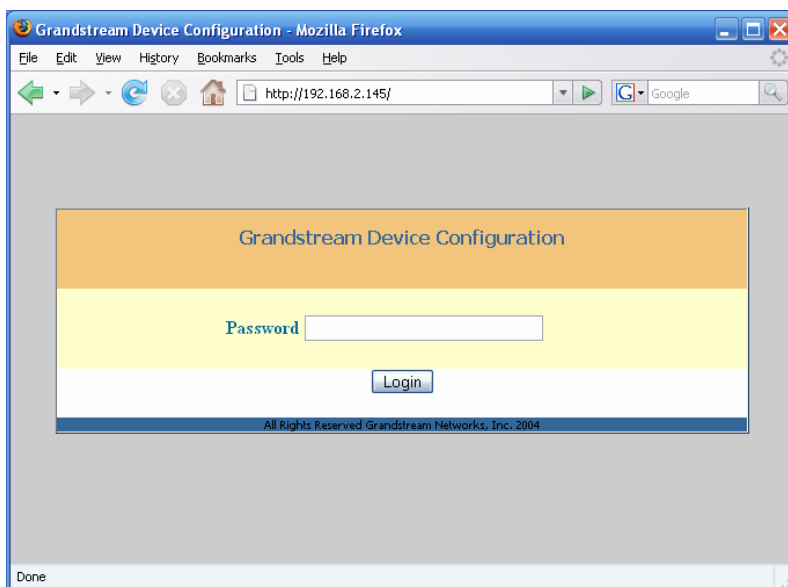
The following section describes how to configure your new phone.

2.1. Accessing the Web interface

The IP address of the phone will be displayed in the LCD display once it has been acquired, in this example it is 192.168.2.145.

From a web browser on a computer on the same network (e.g. 192.168.2.145 above) type the IP address of the phone into the address bar.

This should take you to the following screen:



Enter the 'Password' (the default is 'admin') then click on the 'Login' button or press enter.

2.2. Configuration for the Net-PBX

The following screen will be presented once you have logged into the phone:

Grandstream Device Configuration - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://192.168.2.145/config_a1.htm

Grandstream Device Configuration

STATUS BASIC SETTINGS ADVANCED SETTINGS **ACCOUNT 1** ACCOUNT 2 ACCOUNT 3 ACCOUNT 4

Account Active: No Yes

Account Name: (e.g., MyCompany)

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)

Use DNS SRV: No Yes

User ID is phone number: No Yes

SIP Registration: No Yes

Unregister On Reboot: No Yes

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

local SIP port: (default 5060)

SIP T1 Timeout:

SIP T2 Interval:

NAT Traversal (STUN): No No, but send keep-alive Yes

SUBSCRIBE for MWI: No Yes

Proxy-Require:

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

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

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

Done

The Net-Phone GXP2000 offers four account pages; each can be set up for a different extension on the Net-PBX. The Net-Phone GXP2000 is capable of receiving up to four calls on one or any combination of its registered extensions.

The following fields will need to be updated:

- **Account Name** – enter an easy-to-remember account name
- **SIP Server** – this is the IP address of the Net-PBX and can be found on the Net-PBX admin screen 'Setup->Network' and should be followed by ':5060'.
- **SIP User ID** – this is the 'Telephone No' in the 'User->User list' screen of the Net-PBX.

- **Authenticate ID** – is the 'User' from the 'User->User list' screen of the Net-PBX.
- **Authenticate Password** – is the case-sensitive password assigned to this user when created. It can also be found by editing the user entry on the Net-PBX.
- **Name** – should correspond to the 'Full name' assigned to the user. Again, this can be checked by editing the entry as above.
- **Preferred Vocoder** – should be in the following order: PCMU, PCMA, G.723, G.729

Set the following parameters:

- **UserID is phone number** – set to 'Yes'
- **SIP registration** – set to 'Yes'
- **VoiceMail UserID** – set to '*17'
- **Enable Call Features** – set to 'No'
- **Disable call waiting** – set to 'Yes'
- **Send DTMF** – set to 'RF2833'

Under the 'BASIC SETTINGS' tab set the following information:

- **Timezone info** – set to 'GMT'
- **Date display format** – set to 'DD-MM-YYYY'

2.3. Apply Changes

Once you have completed the updates, go to the bottom of the page and click on the 'Reboot' button. This will power cycle your phone and apply the changes you have made. To check that the phone has registered with the Net-PBX go to the 'Status->Attached Phones' page and ensure you can find the account(s) you just set up on the phone.