



Polycom Provisioning Guide

This document presents guideline for configuring the Polycom IP 331 and other similar Polycom phones for use with Spitzfire's SIP Communicator hosted PBX. Topics covered include; resetting the phone to factory settings; upgrading firmware; general and user specific settings.

The configurations detailed in this document have been tested and are known to work at the time of testing however some changes may have to be made depending on individual requirements. It can be assumed throughout this document that any setting not directly referenced can be left in the default state.

Contents

Polycom Provisioning Guide	1
Upgrade the Firmware	2
Access the Web Interface	2
Configure the Phone Settings	2
Date & Time	2
Codec Priority.....	3
Dial Plan	4
Change the Password.....	4
Configure the SIP Account	5

Upgrade the Firmware

For firmware upgrades please see the phone specific document that details how this is done.

Access the Web Interface

To find the IP address of the phone, follow this navigation through the menu

- **Menu / 2 Status / 2 Network / 1 TCP/IP Parameters**

Enter the IP address in your web browser to reach the logon page; the default password on Polycom phones is **456**



- Login As: **Admin**
- Password: **456**

Configure the Phone Settings

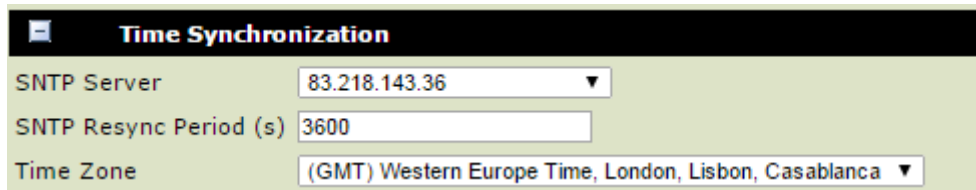
Date & Time

Preferences / Date & Time / Display Format



- Time Format: **24**
- Date Format: **Mon, 1 Jan**

Preferences / Date & Time / Time Synchronisation



Time Synchronization

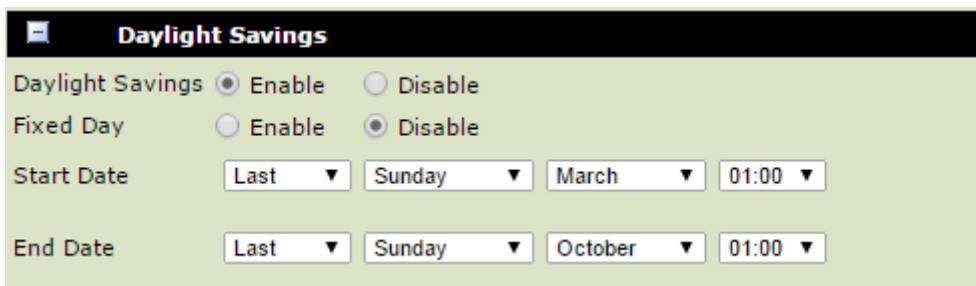
SNTP Server: 83.218.143.36

SNTP Resync Period (s): 3600

Time Zone: (GMT) Western Europe Time, London, Lisbon, Casablanca

- SNTP Server: **83.218.143.36**
- SNTP Resync Period (s): **3600**
- Time Zone: **(GMT) Western Europe Time, London, Lisbon, Casablanca**

Preferences / Date & Time / Daylight Savings



Daylight Savings

Daylight Savings: Enable Disable

Fixed Day: Enable Disable

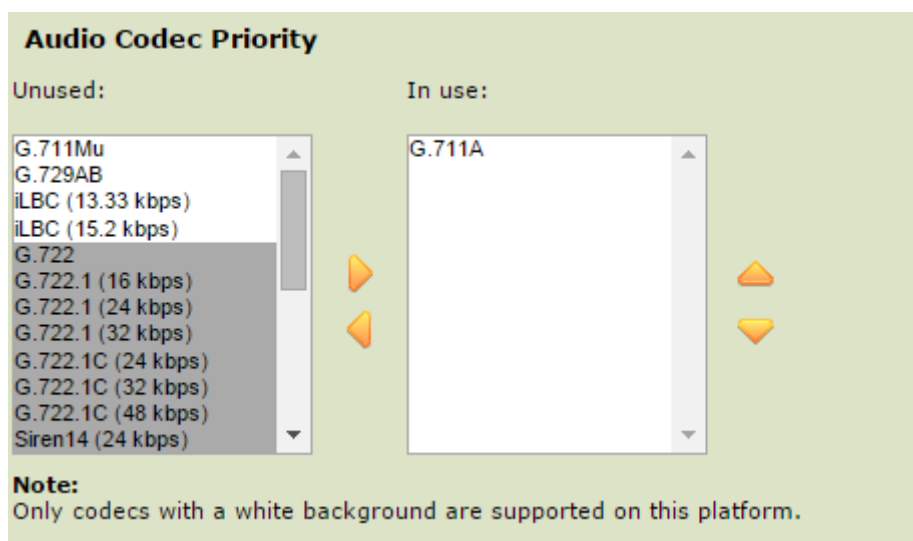
Start Date: Last Sunday March 01:00

End Date: Last Sunday October 01:00

- Daylight Savings: **Enable**
- Fixed Day: **Disable**
- Start Date: **Last | Sunday | March | 01:00**
- End Date: **Last | Sunday | October | 01:00**

Codec Priority

Settings / Audio Codec Priority



Audio Codec Priority

Unused:

- G.711Mu
- G.729AB
- iLBC (13.33 kbps)
- iLBC (15.2 kbps)
- G.722
- G.722.1 (16 kbps)
- G.722.1 (24 kbps)
- G.722.1 (32 kbps)
- G.722.1C (24 kbps)
- G.722.1C (32 kbps)
- G.722.1C (48 kbps)
- Siren14 (24 kbps)

In use:

- G.711A

Note:
Only codecs with a white background are supported on this platform.

- In use: **G.711A**

Dial Plan

Settings / SIP / Local Settings

The screenshot shows the 'SIP' configuration page with a sub-section for 'Local Settings'. The settings are as follows:

Setting	Value
* Local SIP Port	0
Calls Per Line Key	4
Enable Roaming buddies for	None
New SDP Type	<input type="radio"/> Enable <input checked="" type="radio"/> Disable
Live Communication Server Support	<input type="radio"/> Enable <input checked="" type="radio"/> Disable
* Non Standard Line Seize	<input checked="" type="radio"/> Enable <input type="radio"/> Disable
Digitmap	xx.T *xx.T
* Digitmap Timeout	3 3 3 3 3 3
Remove End-of-Dial Marker	<input checked="" type="radio"/> Enable <input type="radio"/> Disable
* Digitmap Impossible Match	0

- Local SIP Port: **0**
- Calls Per Line Key: **4**
- Enable Roaming Buddies for: **None**
- New SDP Type: **Disable**
- Live Communication Server Support: **Disable**
- Non Standard Line Seize: **Enable**
- Digitmap: **xx.T|*xx.T**
- Digitmap Timeout: **3|3|3|3|3|3**
- Remove End-of-Dial Marker: **Enable**
- Digitmap Impossible Match: **0**

Change the Password

Settings / Change Password / Admin

The screenshot shows the 'Change Password' configuration page with a sub-section for 'Admin'. The fields are as follows:

Field	Value
Old Password	***
New Password	*****
Confirm New Password	*****

- Old Password: **456**
- New Password: **Sp1tfir3_Ph0n3_P@s5w0rd!**
- Confirm New Password: **Sp1tfir3_Ph0n3_P@s5w0rd!**

Configure the SIP Account

Settings / Lines / Line 1 / Identification

The screenshot shows the 'Identification' configuration page for 'Line 1'. The page has a light green background and a black header with a white minus sign icon and the text 'Identification'. The configuration fields are as follows:

Display Name	<input type="text" value="200 Sam"/>
Address	<input type="text" value="200@vagtest.spitfiretsp.net"/>
Label	<input type="text" value="200 Sam"/>
Type	<input checked="" type="radio"/> Private <input type="radio"/> Shared
Third Party Name	<input type="text"/>
Number of Line Keys	<input type="text" value="1"/>
Calls Per Line	<input type="text" value="4"/>
Enable SRTP	<input type="radio"/> Yes <input checked="" type="radio"/> No
Offer SRTP	<input type="radio"/> Yes <input checked="" type="radio"/> No
Server Auto Discovery	<input checked="" type="radio"/> Enable <input type="radio"/> Disable

- Display Name: **200 Sam**
- Address: **200@vagtest.spitfiretsp.net**
- Label: **200 Sam**
- Type: **Private**
- Third Party Name:
- Number of Line Keys: **1**
- Calls Per Line: **4**
- Enable SRTP: **No**
- Offer SRTP: **No**
- Server Auto Discovery: **Enable**

Settings / Lines / Line 1 / Authentication

The screenshot shows the 'Authentication' configuration page for 'Line 1'. The page has a light green background and a black header with a white minus sign icon and the text 'Authentication'. The configuration fields are as follows:

Use Login Credentials	<input type="radio"/> Enable <input checked="" type="radio"/> Disable
Domain	<input type="text" value="vagtest.spitfiretsp.net"/>
User ID	<input type="text" value="200"/>
Password	<input type="password" value="****"/>

- Use Login Credentials: **Disable**
- Domain: **vagtest.spitfiretsp.net**
- User ID: **200**
- Password: **S1p_P@s5w0rd!**

Settings / Lines / Line 1 / Outbound Proxy

Outbound Proxy	
Address	<input type="text" value="pbx13.spitfiretsp.net"/>
Port	<input type="text" value="5060"/>
Transport	<input type="text" value="UDPOnly"/>

- Address: **pbx13.spitfiretsp.net**
- Port: **5060**
- Transport: **UDPOnly**

Settings / Lines / Line 1 / Server 1

Server 1	
Special Interop	<input type="text" value="Standard"/>
Address	<input type="text" value="vagtest.spitfiretsp.net"/>
Port	<input type="text" value="5060"/>
Transport	<input type="text" value="UDPOnly"/>
Expires (s)	<input type="text" value="3600"/>
Register	<input checked="" type="radio"/> Yes <input type="radio"/> No
Retry Timeout (ms)	<input type="text" value="0"/>
Retry Maximum Count	<input type="text" value="3"/>
Line Seize Timeout (s)	<input type="text" value="30"/>

- Special Interop: **Standard**
- Address: **vagtest.spitfiretsp.net**
- Port: **5060**
- Transport: **UDPOnly**
- Expires: **3600**
- Register: **Yes**
- Retry Timeout (ms): **0**
- Retry Maximum Count: **3**
- Line Seize Timeout (s): **30**