



Polycom KWS300 Configuration

Below are the suggested steps to configure the Polycom KWS300 base station for the WorldSmart service. Please consult Polycom documentation for any additional configuration instructions, such as 'pairing' of handsets, etc. After updating the necessary fields on each page, be sure to click on the 'Save' button.

- Log into the device using the web management interface, (i.e. browse to <http://192.168.10.107>, for example). The default username is 'admin' and password is 'kws300'.
- Choose the **Configuration->General** menu option. The IP address (or DHCP) and DNS should be setup appropriately. We highly recommend the use of a known-good time server to avoid time-based issues. If you wish, you may use our time server, which is 'time.wspbx.com'. Be sure to enter the appropriate time zone as well.

General Configuration

IP	
DHCP assigned	<input type="radio"/>
Use static IP address	<input checked="" type="radio"/>
IP addr* **	<input type="text" value="192.168.10.107"/>
Netmask **	<input type="text" value="255.255.255.0"/>
Gateway **	<input type="text" value="192.168.10.1"/>
MTU **	<input type="text"/>
DNS	
Domain	<input type="text" value="wspbx.com"/>
Primary Server	<input type="text" value="192.168.10.1"/>
Secondary Server	<input type="text" value="209.244.0.3"/>
NTP	
Server **	<input type="text" value="time.wspbx.com"/>
Time zone	<input type="text" value="Pacific Time"/>

*) Required field **) Require restart



- Next, click on the menu link for **Configuration->SIP**. Here you'll enter the "global" settings for VoIP. Many options may be left at default. Below are the necessary field values. The *Default user* and *Default password* is a user account that will be assigned to handset(s) that are not configured for their own account. In most cases, you can simply use the first (or only) WorldSmart account.

General

Local Port: 5060

Transport: UDP only

Default domain: p9.wspbx.com

Register each endpoint on separate port: checked

Send all messages to current registrar: checked

Registration expire (sec): 120

Authentication

Default user: (WorldSmart username, such as guest-wsdemo-com)

Default password: (WorldSmart password)

DTMF Signaling

Send as RTP (rfc2833): checked

Offered rfc2833 payload type: 96

Send as SIP INFO: not checked

Message waiting indication

Enable indication: checked

Enable subscription: not checked

Media

Media Type of Service (TOS/Diffserv): 184

Port range start: 16000

Require symmetric RTP: checked



SIP Configuration

General	
Local port * **	<input type="text" value="5060"/>
Transport * **	<input type="text" value="UDP only"/>
Default domain * **	<input type="text" value="p9.wspbx.com"/>
Proxy **	<input type="text"/>
Register each endpoint on separate port	<input checked="" type="checkbox"/>
Send all messages to current registrar	<input checked="" type="checkbox"/>
Registration expire(sec) *	<input type="text" value="120"/>
Max forwards *	<input type="text" value="70"/>
SIP type of service (TOS/Diffserv) * **	<input type="text" value="96"/>
Authentication	
Default user *	<input type="text" value="guest-wsdemo-com"/>
Default password	<input type="password" value="....."/>
DTMF signalling	
Send as RTP (rfc2833)	<input checked="" type="checkbox"/>
Offered rfc2833 payload type	<input type="text" value="96"/>
Send as SIP INFO	<input type="checkbox"/>
Tone duration(msec) *	<input type="text" value="270"/>
Message waiting indication	
Enable indication	<input checked="" type="checkbox"/>
Enable subscription **	<input type="checkbox"/>
Subscription expire(sec) *	<input type="text" value="60"/>
Media	
Packet duration(msec) *	<input type="text" value="20"/>
Media type of service (TOS/Diffserv) * **	<input type="text" value="184"/>
Port range start * **	<input type="text" value="16000"/>
Codec priority *	1: <input type="text" value="PCMU/8000"/> 2: <input type="text" value="PCMA/8000"/>
Require symmetric RTP **	<input checked="" type="checkbox"/>
Call status	
Play on-hold tone	<input checked="" type="checkbox"/>
Display status messages	<input checked="" type="checkbox"/>
# key ends overlap dialing	<input type="checkbox"/>

Save

Cancel

*) Required field **) Require restart
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- Next, add the WorldSmart user accounts for all cordless handsets that will be used on this KWS300. Click on **Users->List Users**. If you've already "subscribed" handset(s) to the KWS300, you should see them listed. Click on the links for each handset in order to setup the WorldSmart user accounts. If no handsets have been "subscribed" yet, you'll need to enter the IPEI code (and optionally the access code). Necessary fields:

DECT

Standby text: (text displayed on the handset when idle)

SIP

Username/Extension: (WorldSmart username)

Displayname: (Human-readable name, i.e. 'Janice' or 'Desk Phone')

Authentication user: (WorldSmart username)

Authentication password: (WorldSmart password)

DECT	
IPEI	<input type="text" value="00077 0557975"/>
Access code	<input type="text"/>
Standby text	<input type="text" value="John - 1001"/>
SIP	
Username / Extension *	<input type="text" value="johnd1-wsdemo-com"/>
Domain	<input type="text"/>
Displayname	<input type="text" value="John Doe"/>
Authentication user	<input type="text" value="johnd1-wsdemo-com"/>
Authentication password	<input type="password" value="●●●●●●●●"/>
Disabled	<input type="checkbox"/>

*) Required field

- Reboot the device in order for all changes to take effect.

Note: Screenshots may vary between firmware versions. Version PCS03A shown.