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Polycom® KWS600v3 Configuration Guide (SIP Protocol)



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Chapter 1 Preface

This guide describes the specific configuration of a KIRK Wireless Server 600v3 (KWS600v3) when using SIP Protocol. The guide is intended for qualified technicians who will install, register and configure a KWS600v3 in a SIP environment. To qualify to install the KWS600v3 Solution, you must have successfully completed the KWS600v3 technical training.

The user guide also provides you with information about:

- KIRK Wireless Server 600v3
- Web based Administration Page of the KIRK Wireless Server 600v3

1.1 Before You Begin

This guide assumes the following:

- that users have a working knowledge of the call handlers operation
- that the call handler is installed and initialized and is working correctly
- that users have a working knowledge of the KIRK Wireless Server 600v3
- that users have a working knowledge of the web based Administration Page
- that users are familiar with the KIRK Wireless Server 600v3 Installation and Configuration Guide

1.2 Chapter Overview

Where is it?	What is it about?	When to use it?
Chapter 2	SIP Specific Configuration	To learn how to configure a KWS600v3 in a SIP environment.

1.3 Related Documentation

For further information about the system components not covered by this manual, refer to the following documentation:

Subject	Documentation
KIRK Wireless Server 600v3	Installation and Configuration Guide

Chapter 2 SIP Specific Configuration

This section describes how to configure the KIRK Wireless Server 600v3 when using SIP Protocol. It only describes specific configuration procedures in connection with the SIP Protocol.

For detailed information about installing and configuring the KWS600v3 in general, refer to the KIRK Wireless Server 600v3 Installation and Configuration Guide.

For information about accessing the web based Administration Page of the KIRK Wireless Server 600v3, refer to the KIRK Wireless Server 600v3 Installation and Configuration Guide.

This section contains information about:

- [“Configuring DECT Master” on page 7](#)
- [“Configuring DECT System” on page 8](#)
- [“Configuring Call Waiting” on page 8](#)

2.1 Configuring DECT Master

When configuring the KWS600v3 in a SIP environment it is necessary to type a gatekeeper ID.

- 1 Under the **Configuration** menu, click **DECT**, and then click **Master**.

Figure 1 Adm. Page: Configuration/DECT/Master page - SIP Protocol

Configuration	System	Master	Features	Radio
General				
IP				
ETH0				
ETH1				
LDAP				
DECT				
Administration				
DECT				
Download				
Upload				
Diagnostics				
Reset				

Mode	Active
GK	172.18.1.209
Alt-GK	
GK-Id	
Prot	SIP
Name for Authentication	<input type="checkbox"/>
<input type="button" value="OK"/> <input type="button" value="Cancel"/>	

- 2 In the **GK-Id** field, type a domain name.
An example of a domain name could be: **sip:kirk323.kirktelecom.com.net:5060**.
Contact your system administrator for more information.
- 3 Click **OK**.
- 4 Click **Reset** (under **Administration** menu) to save your configuration.

2.2 Configuring DECT System

When configuring the KWS600v3 in a SIP environment it is necessary to enable the check boxes; **Enbloc Dialing** and **DTMF through RTP channel**.

- 1 Under the **Configuration** menu, click **DECT**, and then click **System**.

Figure 2 Adm. Page: Configuration/DECT/System page - SIP Protocol

- 2 Select the **Enbloc Dialing** check box.

The **Enbloc Dialing** check box has to be enabled in a SIP configuration in order for the handset to collect all digits, before passing them on to a call handler for routing.

- 3 Select the **DTMF** check box.

The **DTMF** check box has to be enabled in a SIP configuration if DTMF tones are needed (optional).

- 4 Click **OK**.
- 5 Click **Reset** (under **Administration** menu) to save your configuration.

2.3 Configuring Call Waiting

To enable the Call Waiting feature in the system, you must do the following:

- 1 Under the **Configuration** menu, click **DECT**, and then click **Features**.

Figure 3 Adm. Page: Configuration/DECT/Features page - SIP Protocol

Configuration	System	Master	Features	Radio
General	Enable		<input type="checkbox"/>	
IP	CFU Activate		*21*\$#	Deactivate #21#
ETH0	CFB Activate		*67*\$#	Deactivate #67#
ETH1	CFNR Activate		*61*\$#	Deactivate #61#
LDAP	Set PIN		*99*\$*\$#\$#	
DECT	Lock Phone		*33*\$#	Unlock #33*\$#
Administration	Do not Disturb On		*42#	Off #42#
DECT	Do not Disturb Int. On		*421#	Off #421#
Download	Do not Disturb Ext. On		*422#	Off #422#
Upload	Call Waiting On		*43#	Off #43#
Diagnostics	Clear Local Setting		*00#	
Reset	Pickup Group		*0#	Directed *0*\$#
	Park		*16S(1)	Unpark #16S(1)
	Park To		*17S(1)\$#	Unpark From #17S(1)\$#
	OK		Cancel	
	reset required			

- 2 Select the **Enable** check box to enable the Call Waiting feature.
- 3 Click **OK**.
- 4 Click **reset required**.
A window appear.
- 5 Click **OK**.

The Call Waiting feature is now enabled in the system. For the feature to be used, it must be activated on each handset by pressing ***43#** on the handset.

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