



POLYCOM®

KIRK Release Note
KWS8000

Software version PCS02C__
August/2009

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1. Introduction

This release note applies to released versions of the KWS8000 Firmware. This version specifically applies to version PCS02C__ of the firmware. This release replaces the PCS02_ release as the latest generally available (GA) release.

2. Distribution Files

Click [here >>](#) to find the software image of the KWS8000.

3. Changes

3.1 Version PCS02C_ (August/2009)

- 1) Support for AB08 cards.
- 2) Support for Clip - DTMF, FSK bellcore 202 and FSK_V23
 - a) The clip type is set from command mode (When the next version of the OAM program is available it can be done from the “Analogue settings” tab.)

Go to command mode, go to the **Trace** tab, and then click the Send button at the bottom of the screen. (The main menu appears.)

- b) Place the cursor in the **Command** field and type **A** to go to the Analogue menu. (Analogue menu appears). Make sure that internal clip is disabled by typing D in the command field.
- c) Type :
 - S1 (to enable FSK bell core 202 clip)
 - S2 (to enable DTMF clip)
 - S3 (to enable FSK V23 clip)

3.1.1 Removed Features

None.

3.1.2 Corrections and improvements

- 1) Enhanced security. Possible to calculate new encryption key for every new call.
- 2) Error when disconnecting RFP during call.
- 3) Other manufacturers GAP DECT handset were not allowed to subscribe.
- 4) When no Analogue or base station card was inserted in the system, the system configuration was not shown properly and valid.

3.1.3 Configuration File Parameter Changes

none

3.2 Version PCS02_ (Q3/2009)

3.2.1 Added or Changed Features

- Encryption of voice in the air

Not all RFP's support encryption. If a negative acknowledgement is received on an attempt to enable encryption, it is probably because some or all RFP's do not support encryption.

If a "none encryption supporting" RFP is added while encryption is enabled, the RFP is rebooted and a trace message can be viewed in the OAM program.

Encryption can be set to 3 levels. "

- 1) Encryption turned off.
- 2) Encryption enabled – in case of encryption reject (PP or RFP can or will not cipher the call,) the call will be allowed to continue.
- 3) Encryption enabled – in case of encryption reject (PP or RFP can or will not cipher the call,) the call will be released.

Encryption is turned off by default. We recommend that you use RFP5 (SW part number: 14170201) SW PCS03C_ or newer.

- Authentication of incoming and outgoing calls.

In older SW versions authentication is only done when a PP is "turned on" (doing a location registration – and receiving standby text). With the current SW release it is also possible to authenticate a PP when starting or receiving a call.

- Configuration of IP addresses gateway and netmask.

3.2.2 Removed Features

None.

3.2.3 Corrections and improvements

- In analogue configurations, the PP's display is cleared before the calling party number is shown.
- In analogue configurations, the PP will - in case of a incoming call- follow the ring voltage on the analogue line more precisely than before.
- Automatic configuration of a modem is working again.
- When connecting via telnet, the service would some time hang.
- Faster generation of email reports.
- Setting the DTMF pulse, pause and level had no effect.
- The AB default command is now working as it should.

3.2.4 Configuration File Parameter Changes

None

3.3 Version PCS01N_

3.3.1 Added or Changed Features

None.

3.3.2 Removed Features

None.

3.3.3 Corrections

- 5) An error in analogue call handling sometimes caused a restart of the system.

3.3.4 Configuration File Parameter Changes

None

3.4 Version PCS01M_

This release replaces earlier versions before GA (PCS01K_)

3.4.1 Added or Changed Features

None.

3.4.2 Removed Features

None.

3.4.3 Corrections

- 1) Now supports pause digit in MSF (call back number).
- 2) Corrected error regarding manual restart of RFP's. When a single RFP was reset from OAM program it did not come up again.
- 3) Automatic restart/reboot on SW crash. If the KWS8000 SW crashed, the system needed manual power cycle.