



POLYCOM®

KIRK Release Note
KWS6000

Firmware Version PCS02A_
Q4/2008

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1. General

This release note applies to released versions of the KWS6000 Firmware. This version specifically applies to version PCS02A_ of the kWS6000 Firmware. This release replaces the PCS02_ release as the latest generally available (GA) release.

2. References

KIRK Release Note: KIRK Base Station IP, Firmware Version PCS02A_, Q4/2008.

2.1 Important Notes

Some features require specific versions of the firmware loaded into the base stations or media resources.

2.2 Feature License and Platform Limitations

The following table summarizes features that require a particular hardware platform and / or a license key for activation.

Feature	Comment
DECT frequency swap	License required.

2.3 System Requirements

Hardware Platform:	Description
KWS6000 HW PCS 3C or newer	KWS6000 Server
Media Resource 6000 HW PCS 3C or newer	Media Resource 6000

3. Terms and Definitions

None.

4. Distribution Files

Click [here >>](#) to find the firmware image of the KWS6000.

5. Changes

5.1 Version PCS02A_

5.1.1 Added or Changed Features

- Added cluster handling. This is only relevant for de-centralized installations.
- Added support for DECT frequency swap (requires license and base station with firmware PCS02a_ or later).

- Added phonebook application. This feature offers a centralized phonebook. The formats supported for the phonebook is csv-file and LDAP.
- Added enable/disable send date and time to handsets. This feature makes it possible to select whether the date/time should be visible in the handset or not.
- Add distinctive alerting by interpreting the Alert-Info SIP header. Use external ring tone as default. If distinctive ring is supported by the IP PBX, different ring tones can be set for the handset to differ between internal and external calls.
- Update MWI when a handset subscribes or makes a location registration.
- Always respond with 200 OK when a MWI NOTIFY is received. This is done to avoid terminating an existing MWI subscription.
- Added automatic MWI retransmission.
- Allow for special characters like &_ in SIP authentication user/password.
- Allow alphanumeric SIP username.
- Implement RFC4235 Dialog state event package. Used for e.g. call pickup support.
- Allow for receiving asymmetric RTP (optional, requires media resource with firmware PCS02A_ or later). This is required to operate with e.g. a Mitel NuPoint voice mail server.
- Detect merged invites after a fork and respond with “482 Loop Detected”.
- Added full system backup facility. Instead of separate backups of configuration, users etc. everything is now in one backup and it is optional how much is restored.
- Standby text length increased from 16 to 24 characters.
- Implemented Type-of-Service/DiffServ. Replaced old Quality-of Service approach with new Type-of-Service approach.

5.1.2 Removed Features

None

5.1.3 Corrections

- Corrected error in subscription statistics (subscriptions which failed due to e.g. wrong or missing DECT access code was logged as a success).
- Release MSF-call correctly when no CR is assigned.
- Fix reversed time zones. GMT time zones were reversed – GMT+2 meant GMT-2. This has now been fixed.

5.2 Version PCS02_

Initial KWS6000 version.

6. Outstanding Issues

The following issues will be fixed in a subsequent release

- None identified.