



POLYCOM®

KIRK Release Note

KWS300

**Firmware Version PCS02_
Q4/2008**

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1. General

This release note applies to released versions of the KWS300 Firmware. This version specifically applies to version PCS02_ of the kWS300 Firmware. This release replaces the PCS01B_ release as the latest generally available (GA) release.

1.1 Important Notes

If upgrading from PCS01B_ to a newer version and subsequently downgrading from the newer version back to PCS01B_ the user database will be lost. It will however be possible to restore a backup made while running PCS01B_.

1.2 Feature License and Platform Limitations

None.

1.3 System Requirements

Hardware Platform:	Description
KWS300 HW PCS 10 or newer	KWS300 Server

2. Terms and Definitions

WCAG: Web Content Accessibility Guidelines, W3C Recommendation. These guidelines explain how to make Web content accessible to people with disabilities.

3. Distribution Files

Click [here >>](#) to find the firmware image PCS02_ of the KWS300.

4. Changes

4.1 Version PCS02_

4.1.1 Added or Changed Features

- Added auto creation of users on subscription attempt.
- Allow insecure HTTP traffic to be redirected to HTTPS.
- Improved GUI, new icons for better user experience. Improved WCAG compliance. Status icons on WEB-gui now distinguishable even for the colour blind.
- NTP server is now obtained via DHCP if provided. Multiple DNS servers are now also supported.
- Encrypt Admin GUI password.
- Log when an unknown IPEI tries to subscribe.

- DTMF sending improved. When DTMF tones are overlapping, terminate tones correctly.
- Added enable/disable send date and time to handsets.
- Add distinctive alerting by interpreting the Alert-Info SIP header. Use external ring tone as default.
- 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 subscription.
- Added MWI retransmission.
- Allow for special characters like &_ in 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 (option). 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.

4.1.2 Removed Features

None

4.1.3 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.
- Fixed problems with ntp and the clock which could cause the clock to drift.
- Send opaque param in authorization reply.
- Fix reversed time zones. GMT time zones were reversed – GMT+2 meant GMT-2. This has now been fixed.

4.2 Version PCS01B_

Initial KWS300 version.

5. Outstanding Issues

The following issues will be fixed in a subsequent release

- None identified.