



KIRK Release Note
KIRK 5020

Firmware Version PCS 07Aa
Q1/2009

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1. Introduction

1.1 Terms and Definitions

CD	Corporate Directory
CPN	Calling Party Number
CPT	Call Progress Tones
HMP	Handset Management Program 50xx version 1.3.0.18 or later
MSF	Message Service Format
MWI	Message Waiting Indication. Shown as a blue envelope in the display top info bar of the KIRK 5020
PPM:	Parts Per Million

2. General

This release note applies to firmware PCS 07Aa (14141201_07Aa.hsx) of the KIRK 5020.

This release is a main release that replaces the PCS 06Ma release as the latest generally available (GA) release.

3. Important Notes

Please note that this release note and its firmware upgrade only apply for the KIRK 5020. For the KIRK 5040, please see KIRK 5040 Release Note Q1/2009.

To update the firmware in the KIRK 5020, SimpleLoader 50xx must be installed.

4. Distribution Files

Please click [here](#) >> for the firmware image PCS 07Aa of the KIRK 5020 platform.

Please click [here](#) >> for the SimpleLoader 50xx program and the SimpleLoader Upgrade Instruction

5. Changes

5.1 Version PCS 07Aa (Q1/2009)

5.1.1 Added or Changed Features

- Added locally generated Call Progress Tones (CPT) for Australia and United Kingdom (relevant for the KWS300 and KWS6000 solutions). From the HMP the following country specific CPT can be selected:
 - Denmark
 - United States

- United Kingdom
 - Australia
 - Germany
-
- When the keyboard is locked, a small lock icon is shown in the info bar at the top of the display instead of a big lock icon at the screen center.
 - Via the HMP it is possible to personalize the standby logo of the handset.
 - Ringer tone 5 has been replaced by the sound of an analog phone
 - Ringer tone 6 has been replaced by ringer tone 6 from the KIRK 40xx (high volume with high frequency tones).

5.1.2 Removed Features

None.

5.1.3 Corrections

- Pressing the R-key when receiving a message during conversation would terminate the call. The message is now exited and the phone returns to the call display.
- Subscribed to a KWS600v3 system, the handset did not distinguish between internal and external incoming calls. This has now been corrected.
- Subscribed to a KWS300 or KWS6000 system, the volume of the dial tone could not be changed. This has now been corrected.
- Subscribed to a residential system, entering a number and pressing the R-key would make an internal handset to call. Now only a one digit number can be called. If entering more than one digit and pressing the R-key, the phone returns to idle.

5.2 Version PCS 06Ma (Q4/2008)

5.2.1 Added or Changed Features

If handset time and date is not set either manually or by the system, the time and date will not be visible in the info bar of the display, in the call history list or in the message inbox of the KIRK 5020.

5.2.2 Removed Features

None.

5.2.3 Corrections

- When accessing the phonebook off hook, dialing was malfunctioning in PCS 06Lb. This problem has now been resolved.
- Unnecessary mute period after off hook MSF alerting has now been removed.

- In rare occasions, the display skewed like the display of a television with poor signal. This problem has now been fixed.
- Start and stop of ringer and vibrator will now follow the ringer cadence of an analogue PBX.
- Automatic line breaks in long strings, received via MSF in e.g. CD access, have been improved.

5.3 Version PCS 06Lb (Q2/2008)

5.3.1 Added or Changed Features

- Finnish language added.
- A more accurate internal timer has been used to feed the “real time clock” with an accuracy of a few PPM. To improve clock accuracy, when the handset is out of radio coverage.
- The volume of alert tones caused by reception of Broadcast or MSF is attenuated to 9dB below lowest volume step if a voice call is active on the handset.

5.3.2 Removed Features

Standby text received in SS_FACILITY was stored in EEPROM. Now, only the display is updated, not the EEPROM.

5.3.3 Corrections

- In the German language the soft key “Shortcut” is renamed from “Kurzwahl” to “Shortcut”.
- Menu/Settings/Advanced/Time & Date/Change date starts on 1/1/2008 instead of 1/1/2007.
- Reception of MWI did not update the display. Now the display lights up when the MWI is turned on/off.
- On some systems the CPN was not shown in the display when the call was transferred. It is now displayed on all systems.
- Headset alert settings did not work when called from “Shortcut” menu. Now, it works when called from the “Shortcut” menu.

5.4 Version PCS 06Fa (2007)

KIRK 5020 release ultimo 2007.

6. Configuration File Parameter Changes

None.