



POLYCOM[®]

KIRK[®] Release Notes
KIRK[®] 6020, KIRK[®] 7010 and KIRK[®] 7020

Firmware Version PCS 07Aa
Q4/2010

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1. Introduction

1.1 Terms and Definitions

GUI Graphical User Interface

HMP Handset Management Program KIRK 50-, 60-, and 70-Handset Series, v. 1.00.

1.2 Release

These combined release notes apply to the released versions of the KIRK 6020, KIRK 7010 and KIRK 7020 firmware. This version specifically applies to version PCS 07Aa of the firmware. The release is a main release that replaces the PCS 06Da release as the latest generally available (GA) release.

1.3 Important Notes

Please note that this release note and its firmware upgrade only apply to the KIRK 6020, 7010 and 7020. For the KIRK 6040 and 7040, please see KIRK 6040, 7040 Release Note Q4/2010.

The basic functionality of the three handsets included in these release notes is the same, but the KIRK 6020 and 7020 have extra functions (vibrator, headset connector, handsfree and LED at top), and the KIRK 7020 has an easy-clean keypad.

1.4 Updating USB Driver

The Device Manager/USB Serial Port/Driver/Driver version should be 2.8.2.0 or later.

If needed, download and install latest driver from this location:

<http://www.ftdichip.com/Drivers/VCP.htm>

1.5 Upgrading the Handset

Before upgrading to PCS 07Aa, back up the phone book and/or settings using the HMP.

From PCS 07Aa and higher it is no longer necessary to execute the "Reset to Factory Settings". The handset will automatically apply changes and updates to the non-volatile memory and reboot itself.

2. Distribution Files

Please click [here>>](#) to find firmware image of the KIRK 6020 platform.

Please click [here>>](#) to find firmware image of the KIRK 7010 platform.

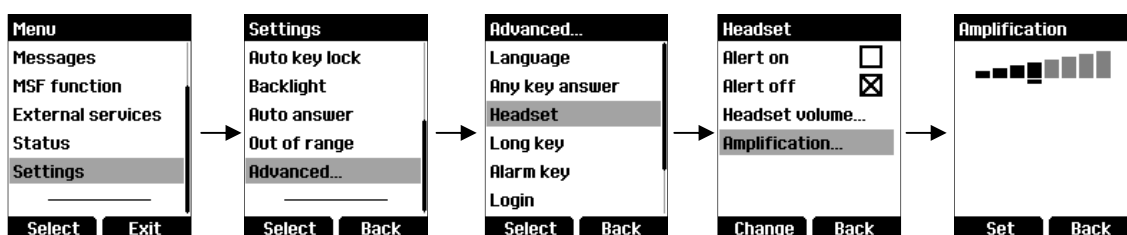
Please click [here>>](#) to find firmware image of the KIRK 7020 platform.

3. Changes

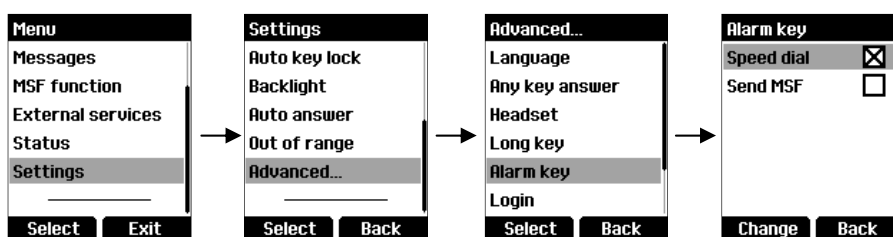
3.1 Version PCS 07Aa – Q4, 2010

3.1.1 Added or Changed Features

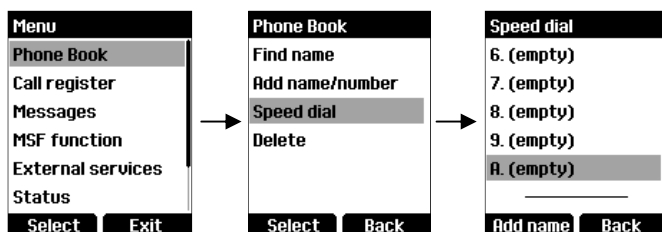
- Portuguese language added.
- Added support for broadcast messaging¹. The messaging format now includes icons.
- During an active voice call, the alert tones of received messages are attenuated by 30dB.
- The speaker gain, when in loudspeaking mode, has been raised by 12dB.
- Ringer tone 2 has been replaced by a low-frequency higher volume “digital” ringer tone.
- Ringer tone 3 has been replaced by a high-frequency higher volume “digital” ringer tone.
- The built-in wired headset amplifier² can be configured using the handset menu, see screen dumps below. The selectable amplification range spans from -12dB to +18dB.



- An entry in the phonebook can be assigned to a long key press on the alarm key. First the alarm key must be configured to use speed dial, see below.



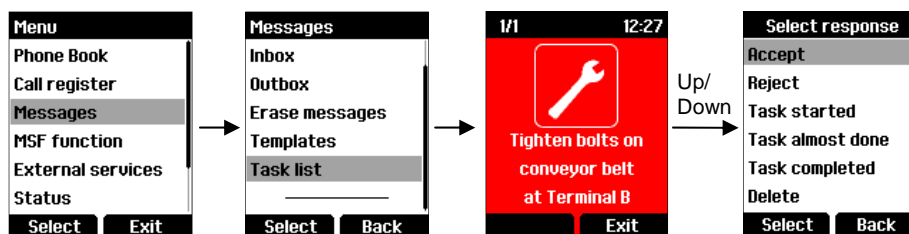
Then speed dial entry “A” must be assigned by selecting Add name:



¹ Currently supported by KWS8000 infrastructure only.

² Supported in KIRK 60- Handset series only.

- A menu has been added to access the XML-RPC *endpoint_sms_advanced* Task list.



In this example, the Task list has been populated by a messaging application. Pushing up/down on the navigation key will enable the user to select a response. For easy access to the Task list, this entry has been added to the Shortcut list.

3.1.2 Removed Features

None.

3.1.3 Corrections

- In some menus, depending on the selected language, the trailing three dots would be shown as a question mark. This has now been corrected.
- Ringer tone 6 sounded slightly distorted. This has now been corrected.

3.2 Version PCS 06Da – Q3, 2010

3.2.1 Added or Changed Features

- Added Intercom Call^{3,4}.
- Added support for XML-RPC *endpoint_base_stations*.
- The audio processing in handsfree mode has been changed from half duplex to full duplex⁴.
- Acoustic echo cancellation has been implemented to reduce the ear to mic. overhearing, noticeable for the calling party in systems with long latencies (>10ms).

Note: The two features right above do not apply to handsets shipped before May 2010 as they have an older CPU revision. The CPU revision must be “C” or higher. See *99984* HOOK for current CPU Revision.

3.2.2 Removed Features

None.

3.2.3 Corrections

- The ringer tone accompanying a received message was played back using the Ringing Volume setting. This has now been changed so that it uses the Alerting Volume setting. See description of Alerting Volume setting in the User guide.

³ Supported by KWS300/6000 from PCS 05C_ and up.

⁴ Not supported by KIRK 7010.

- If a call waiting indication was received during an active call, the audio was sometimes distorted. This has now been corrected.
- Using register recall during an active call sometimes caused a short glitch in the audio path. This has now been corrected.
- On rare occasions, the audio sometimes would be missing in both directions due to an internal bus lock-up. The only work around was to power cycle the handset. This has now been corrected.

3.3 Version PCS 05Da – Q2, 2010

3.3.1 Added or Changed Features

- The handset will turn itself off after five minutes, if it has not been subscribed to a system. This feature is added to avoid battery discharge, if the handset is accidentally turned on during transportation.

3.3.2 Removed Features

3.3.3 Corrections

- To avoid unpredictable behavior of the handset, it will not turn on if battery level is low. The LED⁵ at top will light red while the power key is pressed.

⁵ Not available in KIRK 7010