



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

Firmware Version PCS 06Da
Q3/2010

Table of Contents

1. INTRODUCTION.....	1
1.1 TARGET GROUPS.....	1
1.2 TERMS AND DEFINITIONS.....	1
2. GENERAL.....	1
3. IMPORTANT NOTES.....	1
3.1 UPDATING USB DRIVER.....	1
3.2 UPDATING HANDSET.....	1
4. DISTRIBUTION FILES.....	1
5. CHANGES.....	2
5.1 VERSION PCS 06DA – Q3, 2010.....	2
5.1.1 <i>Added or Changed Features</i>	2
5.1.2 <i>Removed Features</i>	2
5.1.3 <i>Corrections</i>	2
5.2 VERSION PCS 05DA – Q2, 2010.....	2
5.2.1 <i>Added or Changed Features</i>	2
5.2.2 <i>Removed Features</i>	3
5.2.3 <i>Corrections</i>	3

1. Introduction

1.1 Target Groups

Partners and distributors.

1.2 Terms and Definitions

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

2. General

This combined release note applies to firmware PCS 06DA of the KIRK 6020, KIRK 7010 and KIRK 7020. The basic functionality for the three handsets 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 easy-clean keypad. The release note replaces the PCS 05Fa as the latest generally available (GA) release

3. Important Notes

3.1 Updating USB Driver

The Device Manager/USB Serial Port/Driver/Driver Version should be 2.6.0.0 or later.

Otherwise download and install the Vista and WHQL Certified USB “setup executable” from this location:

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

NB: Disconnect the USB connector before updating the driver.

3.2 Updating Handset

Before upgrading, back up the phonebook and/or settings using the HMP.



If you upgrade a handset prior to version PCS 05Ba, you must activate the default factory settings.

4. 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.

5. Changes

5.1 Version PCS 06Da – Q3, 2010

5.1.1 Added or Changed Features

- Added Intercom Call[†]*
- Added support for XML-RPC *endpoint_base_stations*.
- The audio processing in “hands free” mode has been changed from half duplex to full duplex[†].
- 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 above features 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.

5.1.2 Removed Features

None.

5.1.3 Corrections

- The ringtone accompanying a received message was played back using the Ringing Volume setting. This has now been changed to use the Alerting Volume setting. See description of Alerting Volume setting in the User guide.
- 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.

5.2 Version PCS 05Da – Q2, 2010

5.2.1 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.

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

† Not supported by KIRK 7010.

5.2.2 Removed Features

5.2.3 Corrections

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

[‡] Not available in KIRK 7010