



POLYCOM®

KIRK Release Note

KIRK® WRF12 Repeater

Firmware Version PCS26A_
Q3, 2011

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1. General

1.1 Terms and Definitions

None.

1.2 Release

This release note applies to the released versions of the KIRK WRF12 repeater firmware. This version specifically applies to version PCS26A_ of the KIRK WRF12 repeater. The release replaces the PCS26__ release as the latest generally available (GA) release.

1.3 References

None.

1.4 Important Notes

There are limited handset handover from Base station to Repeater due to blind slot radios in base stations E.g. System 500, 1500, 2500, 8000.

1.5 Feature License and Platform Limitations

None.

1.6 System Requirements

Hardware Platform:	Description
KIRK repeater 14182400 HW PCS 3 or newer	KIRK WRF12 repeater

2. Distribution File

Click [here >>](#) to find the firmware image of the KIRK WRF12 repeater.

3. Changes

3.1 Version PCS26A – Q3, 2011

3.1.1 Added or changed features

- Slot handling in hot spot areas prioritizing repeater chain has been changed.
- New serial command has been added: Read out uncompensated RSSI value.

3.1.2 Removed Features

None

3.1.3 Corrections

None

3.1.4 Configuration Parameter Changes

None

3.2 NoneVersion PCS26 – Q2, 2011

3.2.1 Added or changed features

- Connection handover from new base to repeater in multi-cell systems is now possible.
- US frequencies have been implemented.

3.2.2 Removed Features

None

3.2.3 Corrections

None

3.2.4 Configuration Parameter Changes

None

3.3 Version PCS25C – Q2, 2011

3.3.1 Added or changed features

- Mute function at low signal from FP has been improved.
- Default settings of addr. 0x32 and addr. 0x33 to value 0x33 have been implemented.
- External antenna functions have been implemented.
- WRF12 may be configured on AGFEO systems by using DECT handset.

3.3.2 Removed Features

None

3.3.3 Corrections

None

3.3.4 Configuration Parameter Changes

None

3.4 Version PCS25Ba

Antenna diversity changed. We have made a simple range test where we compared version 25Ba software against 23__ SW by going away from the master base and then try to make a call between 2 PP5. The 2 SW version were found to have the same range and better than PP5 because the PP5 always selected the repeater.

Sending handover info and handover mask has been changed so it is handled as in version 23__.

The repeater can not lock on to a system which is encrypted. If a system begin encryption when a repeater is locked to it the repeater releases the connection.

When low signal from FP to WRF12 some noise can be heard at PPs.

4. Outstanding Issues

The following issues will be fixed in a subsequent release

- Adaption to Peltor P840 system