



POLYCOM®

KIRK Release Note

KIRK® WRF12 Repeater

**Firmware Version PCS27Aa
Q2, 2012**

Table of Contents

1. GENERAL	1
1.1 TERMS AND DEFINITIONS	1
1.2 RELEASE	1
1.3 REFERENCES	1
1.4 IMPORTANT NOTES	1
1.5 FEATURE LICENSE AND PLATFORM LIMITATIONS	1
1.6 SYSTEM REQUIREMENTS	1
2. DISTRIBUTION FILE	1
3. CHANGES	1
3.1 VERSION PCS27AA –Q2 2012	1
3.1.1 <i>Added or changed features</i>	1
3.1.2 <i>Removed features</i>	1
3.1.3 <i>Corrections</i>	2
3.1.4 <i>Configuration Parameter Changes</i>	2
3.2 VERSION PCS27A_ – Q4, 2011	2
3.2.1 <i>Added or changed features</i>	2
3.2.2 <i>Removed Features</i>	2
3.2.3 <i>Corrections</i>	2
3.2.4 <i>Configuration Parameter Changes</i>	2
3.3 VERSION PCS26A – Q3, 2011	2
3.3.1 <i>Added or changed features</i>	2
3.3.2 <i>Removed Features</i>	2
3.3.3 <i>Corrections</i>	2
3.3.4 <i>Configuration Parameter Changes</i>	2
3.4 NONEVERSION PCS26 – Q2, 2011	2
3.4.1 <i>Added or changed features</i>	2
3.4.2 <i>Removed Features</i>	3
3.4.3 <i>Corrections</i>	3
3.4.4 <i>Configuration Parameter Changes</i>	3
3.5 VERSION PCS25C – Q2, 2011.....	3
3.5.1 <i>Added or changed features</i>	3
3.5.2 <i>Removed Features</i>	3
3.5.3 <i>Corrections</i>	3
3.5.4 <i>Configuration Parameter Changes</i>	3
3.6 VERSION PCS25BA.....	3
4. OUTSTANDING ISSUES	3

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 PCS27Aa of the KIRK WRF12 Repeater. The release replaces the PCS27A_ 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 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

K:\PH\141204XX\00\HEX\PIE27Aa\ 14120400_PCS27Aa.hex.

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

3. Changes

3.1 Version PCS27Aa – Q2 2012

3.1.1 Added or changed features

None

3.1.2 Removed features

None

3.1.3 Corrections

- Removed handover noise in handset when walking in direction from base towards repeater and from inner repeater to outer repeater in repeater chains.

3.1.4 Configuration Parameter Changes

None

3.2 Version PCS27A_ – Q4, 2011

3.2.1 Added or changed features

- Handling of a 20 character long broadcast.

3.2.2 Removed Features

None

3.2.3 Corrections

- Handling of a 20 character long broadcast.

3.2.4 Configuration Parameter Changes

None

3.3 Version PCS26A – Q3, 2011

3.3.1 Added or changed features

- Changed slot handling in hot spot areas prioritizing repeater chain.
- New serial command: Read out uncompensated RSSI value.

3.3.2 Removed Features

None

3.3.3 Corrections

None

3.3.4 Configuration Parameter Changes

None

3.4 NoneVersion PCS26 – Q2, 2011

3.4.1 Added or changed features

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

3.4.2 Removed Features

None

3.4.3 Corrections

None

3.4.4 Configuration Parameter Changes

None

3.5 Version PCS25C – Q2, 2011

3.5.1 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.
- WRFP may be configured on AGFEO systems by using DECT handset.

3.5.2 Removed Features

None

3.5.3 Corrections

None

3.5.4 Configuration Parameter Changes

None

3.6 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 WRFP 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