

PDR8000 Release 3.03

Product Tested:

Repeater Module Firmware: 4C088X01 R3.03
Repeater Module Boot Firmware: 4C088X02 R3.00
Transceiver DSP: 4C083X03 R1.18
Baseband DSP: 4C083X04 R1.50
IF Module Firmware: 4C088X05 R3.01
IF Module Boot Firmware: 4C088X06 R3.00
Tweaker Programming Software: 6V088X01 R3.03

Tested With:

PSU Type: APX7000 **PSU Firmware:** D15.71.55
Modems: Motorola UDS V.3225, Motorola Codex 3260 Fast Data Modem
GCM 8000 Comparator: CvCM_R07.17.005
MLC AGU: R060027

New Features/Performance Enhancements:

Description: The following features had been added and/or improved in Release 3.00. This release contains fixes list in Issues fixed in this release.

FEATURE	DESCRIPTION
Display Keyboard module	Local User Interface – Allows users to select deployments, channel change, set time/date and view hardware and software version information, error messages without having to connect PDR8000 to a computer/Tweaker.
Local Analog Repeat	Standalone local repeat functionality for analog channels
Multiple Deployment	10 independent deployment profiles selectable from Display or Tweaker software.
Channel Capacity Expansion	Number of channels increased from 16 channels to 64 channels.
Information Assurance Improvements	User access control (password) to read and write PDR8000 configuration data

FEATURE	DESCRIPTION
Electrical Ground Lug	Electrical grounding for new PDR8000 units
Battery Backed-Up clock	Battery backed up clock for new and upgraded PDR8000 units

Issues Fixed since last major Release:

Issue	DESCRIPTION	Release	Date
Saving DPD and EPR files	If channels of deployment name contained non-English characters, DPD and EPR files could not be saved.	3.01	2018-08-09
PL/DPL not set properly.	Incorrect PL/DPL sometimes transmitted when transitioning between two inbound calls.	3.02	2018-08-24
Deployment Change	Changing Deployment Profile while PDR is connected to a PCs may cause the USB link with PDR to break.	3.03	2018-12-20
Channel Programming	Tweaker did not accept all valid frequencies on 25KHz channel	3.03	2018-12-20
PL Code	On rear occasions, the PL codes on analog transmissions were not decoded properly.	3.03	2018-12-20
Startup Deployment	Saving a DPD file without opening the common setting screens first could result in losing the Startup Deployment setting	3.03	2018-12-20
Simplex- Duplex Channel Switch	PTT button does not key up PDR after switching from simplex to duplex channel	3.03	2018-12-20
Help File Mismatch	Some inconsistencies between Tweaker implementation and help files.	3.03	2018-12-20

Known PDR8000 Issues in this Release:

Issue	DESCRIPTION

Known PDR8000 Limitations:

- None



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