



Radio Dispatch Engineering Group

ADHB-4 Version 1.100 Engineering Release Notes

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Table of Contents

Overview	2
New Features.....	2
Version 1.000	2
Version 1.100	2
Feature improvements and known issues fixed in this release	2
Version 1.000	2
Version 1.100	2
Compatibility	3
C-Soft Application	3
TSM	3
Linux Kernel.....	3
Hardware Revisions	3
Installation and Upgrade	3

Revision History

Revision	Date	Author	Description
A	04/05/10	Radio Dispatch Engineering Group	Initial Release
	06/22/10	Radio Dispatch Engineering	1.001
	7/9/10	Radio Dispatch Engineering	1.002
	7/16/10	Radio Dispatch Engineering	1.003
	8/16/10	Radio Dispatch Engineering	1.004
	9/10/10	Radio Dispatch Engineering	1.005
B	10/22/10	Radio Dispatch Engineering	1.101

Overview

These are the release notes for the ADHB-4's firmware version 1.100. Cross application compatibilities are outlined in this document.

New Features

Version 1.000

- Initial Release

Version 1.100

- Web page option was added to disable PTT on headsets.
- Maximum microphone gain was modified to 20dB.
- Noise threshold values were added to gains Web page.
- NENA recording option box were added in the Common Recorder Setup.
- Force Microphone Source Selection from C-Soft.
- ADHB-4 USB protocol version 1 for C-Soft Compatibility Monitoring.
- Add the SIP enhancement provisioning capability in the ADHB-4. The unit can accept the access key for SIP enhancement feature in the additional feature web page. It can support either 2 lines or 6 lines of SIP enhancement. Please refer to the C-Soft manual for further details.

Feature improvements and known issues fixed in this release

Version 1.000

- Initial Release

Version 1.100

- Resolves Windows 7 USB lockup
- Fixed parameter reset with invalid xml characters [“,’,<,>,&] in the ‘name’ field
- Disabled speaker one mute during PTT (allows go-ahead beeps)
- Added noise reduction filtering to microphone inputs
- Fixed XML corruption after firmware upgrade issue
- Added C-Soft warning for XML corruption
- Added hi-pass filtering to microphone inputs
- Added noise reduction filtering to microphone inputs via gain Web page
- Added Crosstalk filter to minimize crosstalk on NENA Rx
- Fixed front panel volume so it worked after submitting Web pages
- Increased RJ11 desk microphone gain by 6 dB to calibrate for dB meter
- Added USB serial number so one driver works on every computer USB port (NOTE: windows will require the ADHB-4 driver to be reinstalled)
- Added unselect audio to RHB headsets



Radio Dispatch

ADHB-4 Version 1.100 Release Notes

- NENA side tone was removed from NENA Headset
- PTT message on the display is gated by C-Soft application (no TX with no line selection)
- Stereo support for during NENA off hook state (added unselect audio)
- NENA call with RHB boxes is now working
- ADHB-4 USB protocol version 1 (C-Soft Compatibility Monitoring Function)

Compatibility

C-Soft Application

- Version 5.300

TSM

- Version 1.400

Linux Kernel

- Version 1.100

Hardware Revisions

- Hardware Versions 1.100, 1.101

Installation and Upgrade

Please use Telex System Manager 1.400 or newer to upgrade the firmware.