



TELEX

Radio Dispatch

Radio Dispatch Engineering Group

ADHB-4 Version 3.100 Engineering Release Notes

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Revision History

Revision	Date	Author	Description
01	04/05/10	Radio Dispatch Engineering	Firmware Version 1.000 Release
02	10/22/10	Radio Dispatch Engineering	Firmware Version 1.100 Release
03	05/27/11	Radio Dispatch Engineering	Firmware Version 1.200 Release
04	06/26/12	Radio Dispatch Engineering	Firmware Version 1.300 Release
05	12/05/12	Radio Dispatch Engineering	Firmware Version 2.000 Release
06	02/18/13	Radio Dispatch Engineering	Firmware Version 2.100 Release
07	08/20/14	Radio Dispatch Engineering	Firmware Version 2.200 Release
08	02/20/15	Radio Dispatch Engineering	Firmware Version 3.000 Release
09	09/21/18	Radio Dispatch Engineering	Firmware Version 3.100 Release

Overview

This document contains the release notes for the ADHB-4's firmware version 3.100. The release notes include all of the changes and fixes since official release version 3.000. Cross application compatibilities are outlined in this document.

It is strongly recommended that all ADHB-4 units be upgraded to firmware version 2.100 or newer to prevent a possible corruption of NAND flash data that can cause a system boot up failure.

Important

Upgrading ADHB-4 to firmware version 3.000 or newer will eliminate any enabled Additional Feature Access Keys (SIP or DFSI options) and should only be upgraded to work with C-Soft 7.000 or newer using the new Flexera licensing platform. If a user has an ADHB-4 with Access Keys, please contact Technical Support to get the equivalent key for the Flexera platform before upgrading.

After upgrading from a previous firmware revision to version 2.100 or newer, the unit will reboot and begin the process of updating system components. During the update process, the unit will appear to be idle / unresponsive (blank screen on the front of the unit). This update process takes approximately 1 minute, after which the unit will self-reboot and operate normally. **Ensure that the unit completes the update cycle and boots normally before removing power from the unit.**

After the ADHB-4 firmware has been successfully upgraded to version 2.100 or newer, the firmware cannot be reverted to any previous version (2.000 or earlier). Any attempt to downgrade the firmware version via TSM will be refused by the ADHB-4.

New Features

Version 3.100

- Added the webpage setting System Setup | System Parameters | Min. Headset Volume to allow setting a minimum volume for the Controller Headset.
- Added the webpage setting Gain Setup | Microphone Input Gains | Headset Mic, RHB 1 Mic, and RHB 2 Mic to allow separate gains for the Controller Headset microphone, RHB 1 microphone, and RHB 2 microphone.
- Added the ability for C-Soft to select the Controller Headset microphone, RHB 1 microphone, or RHB 2 microphone during SIP/Phone/NENA calls. The microphone source can be changed from C-Soft's ADHB-4 Mic Control button or by C-Soft's Mic Control in the ADHB-4 Global Dialog.
- Added the ability for C-Soft's Volume-ADHB-4 NENA control to change the receive NENA audio level being played to speaker 1.

Feature improvements and known issues fixed in this release

Version 3.100

- Fixed an issue where SIP/Phone calls would not automatically switch to the correct headset microphone when a headset is connected/disconnected during a call. Note this worked correctly for NENA calls.
- Fixed an issue where C-Soft would not receive NENA audio if the ADHB-4 was powered on and NENA was in off-hook condition.
- Fixed an issue where C-Soft's ADHB-4 NENA Hook Control button could get out of sync with the ADHB-4 NENA input hook state.
- Fixed an issue when NENA was off hook and C-Soft transmitted on a selected line, the selected line's receive audio wasn't being routed to the headset select speaker.
- Fixed an issue when NENA was off hook and not on hold with no headsets connected, the NENA receive audio was not always being routed to the select speaker.
- Fixed an issue when speaker 1 is muted, there was a small pop every few seconds.
- Fixed an issue when Selected and Crossmuted Parallel TX audio was not being played to Remote Headset Boxes (RHB 1 or RHB 2) when the Controller Headset was disconnected.
- Fixed an issue where the ADHB-4 was not sending a confirmation message back to Telex System Manager (TSM) after recording a configuration file.
- Fixed an issue where the ADHB-4 would reboot when scanning all of its network ports.
- Fixed HTML links on the ADHB-4 webpages.
- Decreased the audio delay between ADHB-4 and C-Soft, reducing chances of position-to-position echo.
- Changed the ADHB-4 clock so it is set only once when C-Soft opens. If the ADHB-4 clock gets out of synchronization, close & re-open C-Soft to update it.
- Updated the Copyright to 2018.

Compatibility

C-Soft Application

- Version 7.400+

Telex System Manager

- Version 2.400+ - Necessary for programming parameters.
- Version 2.100+ - Necessary for firmware upgrades.

Hardware Revisions

- All ADHB-4 hardware versions are supported.

Installation and Upgrade

Please use Telex System Manager 2.100 or newer to upgrade the firmware.