



Radio Dispatch Engineering Group

C-Soft Version 5.300 Engineering Release Notes

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1. Revision History

Revision	Date	Author	Description
A	08/07/2009	Radio Dispatch Engineering Group	Initial draft C-Soft Version 4.200
B	09/11/2009	Radio Dispatch Engineering Group	Updated to C-Soft Version 4.300
C	03/31/2010	Radio Dispatch Engineering Group	Updated to C-Soft Version 5.000
D	06/24/2010	Radio Dispatch Engineering Group	Updated to C-Soft Version 5.100
E	07/16/2010	Radio Dispatch Engineering Group	Updated to C-Soft Version 5.200
F	10/22/2010	Radio Dispatch Engineering Group	Updated to C-Soft Version 5.300

2. Overview

This is the release notes for C-Soft Version 5.300 firmware/software. This release contains new features, improved features, and fixed issues. The release notes include all of the changes and fixes since official release Version 5.200.

3. New Features

Version 5.300

- C-Soft Designer
 - General:
 - Now up to 100 possible cross mute values.
 - Increased maximum number of launch application buttons to 64.
 - Added in the ability to generate an emergency from Select Call list.
 - MOTOTRBO: Mobile Radio Control
 - MOTOTRBO Dispatch Window
 - SIP: New call window
 - SIP: Enhanced Features (for customers with C-Soft Enhanced licenses)
- C-Soft Runtime
 - General:
 - ADHB-4 Licensing. While plugged in, the ADHB-4 can act as a license key. Note that the license codes for the ADHB-4 must be acquired in order to enable this feature. The ADHB-4 can be licensed for the number of C-Soft lines and the number of SIP-Enhanced lines.
 - ADHB-4 Mic Control feature, this allows the user to select the Mic audio source of the ADHB-4 without having to unplug a device.
 - ADHB-4 will now notify the user if there is a compatibility issue with the C-Soft running and the ADHB-4 that is plugged into the computer.
 - MOTOTRBO Mobile Radio Control
 - ANI
 - Cross Patch
 - Group Call
 - Private Call
 - Scan
 - Monitor (Analog)
 - Radio Check
 - Radio Disable
 - Radio Enable
 - Remote Monitor (Digital)

- Call Alert
 - GPS plotted on Google Earth
 - GPS Read
 - GPS Trigger
 - Text Messaging
- SIP Features
 - New user interface
 - Updated contacts page
 - Virtual keypad
- SIP Enhanced Features (for customers with C-Soft Enhanced licenses)
 - Includes SIP standard feature set plus the following
 - Hold
 - Mic Mute
 - Do Not Disturb
 - 3-Way Calling
 - Line Conference
 - Call Transfer
 - Missed Call History
 - Conditional Call Forwarding
 - Call Waiting
 - Import/Export Contacts

4. Improved Features and Fixed Issues

Version 5.300

- C-Soft Designer
 - General:
 - Errors when copying popups containing Launch Application, Select, Page, Manual Page, Programmed Page Stack and Annunciation buttons have been fixed.
 - Activate on Emergency feature was being enabled after upgrading .veg file. This issue has been fixed.
 - Incorrect behavior when PTing during a page with talk time. This issue was fixed.
 - Group ID save file was not working correctly, this bug has been fixed.
 - Minimum setting of DTMF Flywheel timer was changed from 100ms to 300ms. This change allows the alert tone button to operate correctly.
 - Differentiated Phone Port and Phone Ring Port so they could not share the same port number.
 - Mouse scroll will now work in Frequency Parameters window.
 - An incorrect error message was generated when duplicate ADHB-4 Relay control buttons are made. This issue is now corrected.
 - Button images now correctly support separate up and down position bitmaps.
 - SIP
 - Added background color setting for user interface dialog.
- C-Soft Runtime
 - General:
 - Pressing a Crosspatch Clear button from a patch group that is not in use, no longer affects the selected state of a patch group that is in use.
 - C-Soft now correctly opens older .veg files while connected to the ADHB-4.
 - ADHB-4 volume sliders no longer move when the keyboard arrow keys are pressed.

- Fixed issue with Pre-programmed crosspatches which caused incorrect lines to be patched if the autostart feature was enabled.
 - For P25 controllable radios, C-Soft no longer continuously sends an "encryption off" command.
 - If the Stack Programmed Pages and Always Stack Pages options are checked in the Global Parameters Control Settings tab, pages contained in the Programmed Page Stack will now automatically stack.
 - Rapidly Clicking Page buttons no longer causes C-Soft to crash.
 - In group paging, lines that have no talk times where keying up during the talk times of the lines that have talk times set. Page lines that have no talk time are now correctly de-keyed during the other pages talk time.
 - Removed low level noise from tones generator algorithm.
 - Improved VU meters accuracy and response time.
 - Changed the location of csoft_crossmutes.txt to "Telex Communications\design_folder". This correlates all C-Soft text files to the same location.
 - Fixed some situations where ADHB-4 Mic audio was getting summed onto the NENA line when it should have only been heard on the radio.
 - Fixed an audio routing issue when both NENA and SIP Phones were both taking off hold. This issue only appeared when the phones were taken off hold in a certain order.
 - Fixed an ADHB-4 issue when on a NENA call and pressing PTT, the NENA audio and Mic audio were no longer being summed together.
 - ADHB-4 PTT press with the phone off hook and no line selected no longer makes the phone receive audio get stuck in unselect.
 - Marker Tone keying up during page talk time no longer causes error message to be displayed.
 - If a relay control button is set to be a timed relay, holding the relay button down longer than the entered relay time will no longer cause the relay to remain in the on position.
- SIP
 - Added new look and feel to SIP user interfaced dialog. For customer with C-Soft Enhanced licenses, the new SIP enhanced features are enabled as outlined in section 3

5. Known Issues

Version 5.300

- MOTOTRBO text message receive only works when a text message is sent from C-Soft and the remote radio reply's to that text message.

6. Compatibility

Version 5.300

- Compatible with IP-223 Version 4.500
- Compatible with ADHB-4 Version 1.100

7. Installation and UpgradeVersion 5.300

- To Install C-Soft double click on the Setup executable.
 - Follow the steps in the installation instructions.
 - At the end of C-Soft installation the Dongle Key Driver will be asked to install.
 - If installing on Windows 7 there will be an extra step for installing the drivers, this step does not occur in Windows XP.
 - When connecting an ADHB-4 to a Windows XP computer the user must select the location of the drivers to install. These will be located at "C:\Program Files\Telex Communications\C-Soft\usb_drivers".
 - When connecting an ADHB-4 to a Windows 7 computer the drivers will automatically install, and the user will not need to do anything for that.
- To Upgrade C-Soft, a new installation program can be run, or if the install package has already been done once the new Runtime and Designer executables can be copied over the old ones in the program folder where they are located.