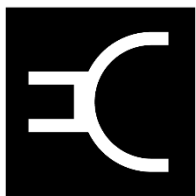


UIC-5-00 CONTROL INTERFACE

SYSTEM RELEASE V1.2

LAND MOBILE RADIO – PRODUCT RELEASE NOTES



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UIC-5 v1.2 Software

Product Release Notes



Introduction

Overview

The UIC-5-00 Universal Interface Card (UIC) is a plug-in module that provides an IP-based Ethernet network connection between MT-4 radio systems and other Land Mobile Radio (LMR) subsystems.

For further technical detail on the UIC-5-00 control interface, please refer to the following online material:

[TN661 UIC-5 Universal Interface Card](#)

For further support questions, please contact Codan LMR support at LMRSupport@codancomms.com.

Upgrade Scope

The UIC-5 v1.2 software replaces the current v1.1 software, and introduces several new features as well as numerous bug fixes.

Affected Products

Product	Software Version	Hardware Version
UIC5 v1.2 Software Release	UIC-II-3.0.19-12	<i>UIC-5-00 Hardware Versions:</i> A55-UIC-5-FP (A55-UIC-5FP-571) A55-UICMAIN-MKII (A55-UICMAIN)

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Compatibility

Product Compatibility

Product	Software Version	Hardware Version	Compatibility Status
MT-4E Series based Systems Incl. Stratus, Cyclone, etc.	All	All	<ul style="list-style-type: none">The UIC-5-00 hardware with the v1.2 software upgrade is compatible with all MT-4E based infrastructure products, including Stratus and Cyclone products.UIC-5 when running 1.2 software fully replaces the UIC-4-00.
Third Party Consoles	<ul style="list-style-type: none">Telex C-Soft (v 7.110 verified)Avtec Scout (verified)	N/A	Standard voice and control functionality is supported on all APCO P25 DFSI compliant consoles; proprietary features and extensions included in third party products may not be supported
Avtec RIC-M	<ul style="list-style-type: none">Stack version 7.26Firmware build dated March 24, 2017	N/A	Conversion of voice messages to Motorola v.24 proprietary signalling validated. P25 Packet Data and the v.24 equivalent is not supported at this time

Browser Compatibility

The UIC-5-00 hardware with the v1.2 software upgrade has been verified for use with the following internet browsers:

- Microsoft IE *version* 11.0.9600.18762
- Mozilla Firefox *version* 47.0.2
- Google Chrome *version* 62.0.3202.94

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New Features

Hardware Features

- The UIC-5-00 now supports both 'A' and 'B' side MT-4E transceiver pair connectivity (non-concurrent operation only in this version).
- 'Factory Reset' hardware switch located on UIC-5-00 front panel is now active, allowing reverting to default factory settings.

Software Features

- Stability improvements; please refer to list of bug fixes below.
- Reduction in audio processing delay.
- Added Motorola ATAC loopback override.

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Bugs Fixed

The following bugs identified in the UIC-5-00 version 1.1 software are now fixed in the version 1.2 software:

- Failure of unit to respond to “Report Selected Mode” DFSI Message
- Failure to report connected vs. disconnected repeat states.
- Incorrect reporting of repeat mode; ignores default connected state repeat mode.
- Failure to properly handle DFSI emergency messages.
- Analog audio causes transmitter to reset at call start.
- Analog calling errors in current version of Telex C-Soft console.
- Unstable behaviour during loss of Ethernet connection.
- Controller repeat not functioning due to audio processing delay.
- Late entry call faults.
- LED status light errors.
- Extended reconnection delay with Stratus controller.
- Various GUI optimizations.

Known Issues

The following issues have been identified as on-going in the UIC-5-00 version 1.2 software, and will be fixed in future software updates:

- Concurrent operation of ‘A’ and ‘B’ side ports may result in degraded audio quality.
- Motorola Astro-TAC timing signals cannot currently be passed via the UIC-5-00.
- DFSI v2 packet data not yet fully implemented/supported.