

Release Notes

Release 5.8.2

Version: 1.16

Date: 18.10.2018

This document applies to the products:

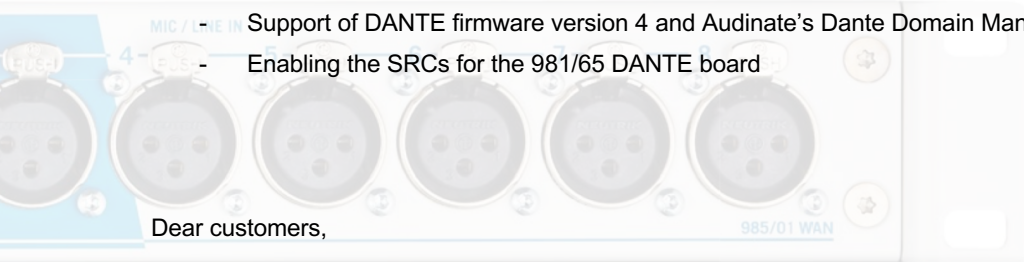
- mc²36
- mc²56 & mc²56MKII
- mc²66MKII
- mc²90
- Nova73 HD, Nova73 compact & Nova37
- mc² Micro Core

It outlines the functions and improvements of Lawo Audio Production Release version 5.8.2.

This release is compatible with Waves MultiRack SoundGrid versions 9.80.11.99 and 9.80.13.161.

Major changes:

- Adding Support of the new A__line WAN series devices
- Support of DANTE firmware version 4 and Audinate's Dante Domain Manager
- Enabling the SRCs for the 981/65 DANTE board



Version 5.8.2 is based on version 5.8. It releases additional features and functionality and is supported by all mc² series consoles as well as Nova37, Nova73 (compact) and the mc² Micro Core. For details about the 5.8. features, please refer to the 5.8. release notes.

We hope you enjoy the latest mc² software and we wish you a pleasant work with your Lawo products.

Kind regards,

Your Lawo product management

Please make sure to read the System Update Documentation carefully!

New Features

Additional features supported in version 5.8.2:

- 1) Release 5.8.2. supports 96kHz RAVENNA operation for all products using Nova73, N73 Compact, Micro Core as processing core. DALLIS, Local IOs and Compact IO also support 96kHz.
Please note that 96kHz operation changes the capacity in I/O and processing!
- 2) The latest introduced WAN compliant devices of the A__line are now supported with version 5.8.2.
- 3) Starting from Version 5.8.2.16, the Sample Rate Converters for the DANTE board 981/65 are enabled. These are switched on by default and cannot be adjusted in this software version.
- 4) DANTE firmware version 4 is now supported, enabling the use of DANTE Domain Manager.

Major extensions and fixes

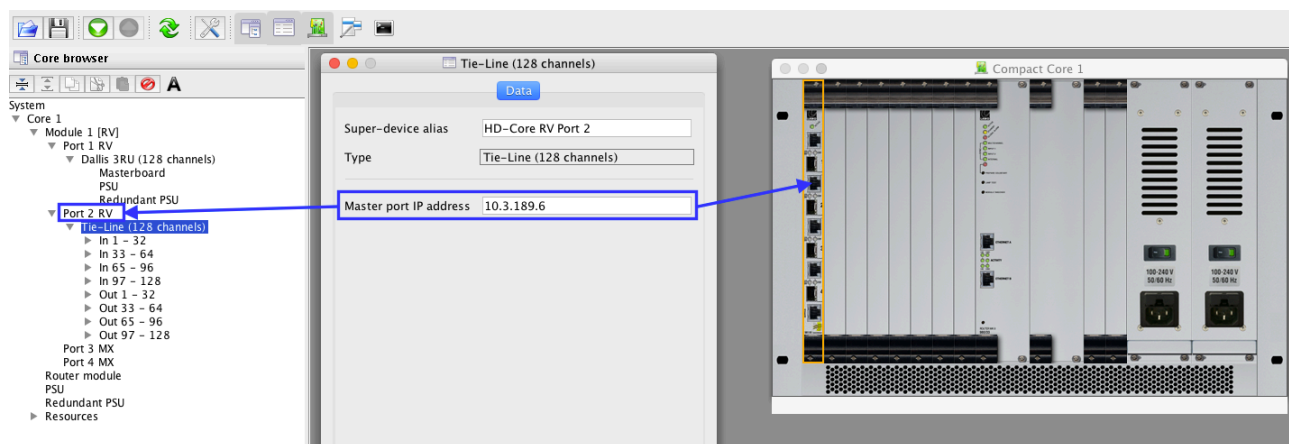
Version 5.10.2.11 corrects a functionality that can lead to unwanted system behaviors when used in a DSN networked environment.

While triggering the “Reload Production Snap” button is uncritical on stand-alone systems, it can disconnect signals from networked consoles unwantedly, without owning the user rights in particular DSN systems.

Version 5.10.2.11 corrects this behavior. Therefore, we strongly recommend updating to this release version.

Starting from Version 5.8.2.14, we changed the streaming advertisement from Bonjour to RTSP. This has been done, to ensure proper operation in L3 network environments.

Therefore, please make sure to fill in the so called “Master port IP address” in AdminHD. This IP address is the one you would like to assign to your particular HD-Core RAVENNA port. Please be aware, that this IP address will not yet be transferred to the port automatically (please adjust the IP address using the Butler web-page), but is necessary to ensure RTSP operation.



Changelog Release 5.8.2.0

- 16338 – mcx_event on Userbutton bulbs resets OLED-Saver-Timer
- 16392 – Switching PAD / 48V alternately invalidates the PAD function
- 16427 – No more gain control after changing the global system level
- 16443 – Latching Sense on TFT after turning GAIN and activating +48V or Pad at the same time
- 16448 – Difference between display and function of PAD, when switching PAD frequently
- 16458 – GUI screen flickers and gets white if "inherit Label" or "inherit source" are active
- 16464 – ISO Set page doesn't allow to isolate VCAs
- 16479 – No new parametrisation of DALLIS IO cards with redundantly connects DALLISes
- 16481 – Snap Memo entries don't get displayed

Changelog Release 5.8.2.7

- 9154 – FALLBACK directory is not always created properly, when changing DSP preset
- 10732 – Default FC Assignments for ISO BAY
- 14842 – Value manipulation via fadercontrol can cause differences between faderposition and value (tiny channels)
- 15106 – Activation of ISO BAY does always assign FC1 with Digital-Gain
- 16384 – Rack follow select feature does not always work if plugin inputs nb != outputs nb

16422 – Created CF cards do not work properly
16484 – The backup of the log-directory is empty, when using mxUpdater
16488 – Aux title is illuminated in AfV mode as well
16495 – Counting manner of the 981/65 DANTE boards signal-labels is not correct
16531 – Prepare Coldstart flag cannot be reset
16545 – IP-address of the redundant RAVENNA Link ports is not shown in the web-interface
16547 – Local IO and Compact IO perform wrong initialization after coldstart, when used at 44,1kHz
16551 – mxUpdater: no Backup possible on MAC OS
16571 – 981/61 board does not receive changes of the rolename
16602 – Screen calibration eGTouch0.param file is not included in the mxUpdater backup
16616 – Adding the software release version when a back-up is done in the back-up file
16628 – Show version inside the mxUpdater window
16633 – Backup and restore via mxUpdater does not work if only secondary router is available
16637 – Restore dialog: all button deactivated if no log in selected backup file
16647 – Backup does not contain logfiles from partner MK2 Router
16675 – No RTP communication via Ravenna, after system warmstart by inappropriate situations
16678 – DALLIS does not receive Ravenna config with 96kH

Changelog Release 5.8.2.9

16540 – Initialization error during power up of the Compact I/O
16700 – Missing Initialization during power up of the Compact I/O
16704 – Run-in of the Compact I/O can result in shifted audio outputs
16727 – Level decrease of 4dB in the Nova73 with static connects to DSN partners
16774 – Micro Core detects PrepareColdStart request by mistake (applies for mc²36, Micro Core, Nova37)
16787 – Missing creation of corresponding entry in static_routing.csv for a DALLIS attached on a virtual port

Changelog Release 5.8.2.10

16493 – Several Hardware data of the 981/65 is not transmitted to the control system yet.
16821 – Auto-fip-update of the 981/65 does not work yet.
16823 – 981/65 shows meaningless health-monitoring-values.
16851 – Removal of 981/65 cards during runtime leaves configuration-relicts in the memory.
16852 – I/O-DSPs of the 981/65 do not work yet.

Changelog Release 5.8.2.11

16592 – 56mkII AUX Panel has not been updated on global layer change
16687 – mxUpdater can not create a Backup from internal
16691 – "Rack follows SEL"-feature does not work with SUR Masters
16692 – Transferred MultiRack Rack labels have wrong stem numbers
16693 – "sense" does not follow if time-out is set to "0"
16726 – Parameters off the internal sine-generator, are set via Production load only
16897 – Enable Multichannel Sync at Dante Ports
16931 – Virtual Loopbacks should not be shareable completely
16961 – Threshold changes are not applied for Silence Detects
17014 – Syslogmessages to be send via the default Syslogport 514
17078 – Rack follows select: view stay on previous rack when selecting unused GPR/GPS
17088 – Silence Detects do not work with several RAVENNA Link and RAVENNA Net nodes
17158 – AFL 1 is no longer switched to surround, when surround is active on at least one channel
17159 – When a channel bundle is switched to surround and the individual mono channels were already assigned to a multi-channel bus, the bundle as a whole no longer gets assigned to the multi-channel bus
17160 – Bus assignments are not currently updated when switching the surround format

17229 – The Samba version included with MCX is vulnerable to CVE-2017-7494

Changelog Release 5.8.2.12

17245 – The insert return of broadcast channel no 76 does not work
17326 – Productions containing dynamic automation data cause FATAL ERROR
17336 – Segfault after loading of certain production files

Changelog Release 5.8.2.13

14540 – Page control buttons / recent pages list fail to work
17457 – Crash during dynamic automation
17464 – Displays of mc²36 and 56mkII cause noise while dimming
17487 – Show colored data load of CF cards in the GUI
17531 – RAVENNA Link 96 kHz board configuration (RAVENNA_LINK_981_61D) is not supported anymore
17626 – Automation: Combine with play pass does not work correctly
17640 – Ember+ provider treats incoming commands slowly
17641 – Ember+ provider misses DSP Board output parameters
17656 – Missing initialisation of some Mic-Channels after reboot of mc²36
17657 – Board DSP enable parameters ("I/O DSP") are inverted

Changelog Release 5.8.2.14

16806 – Control of the virtual 64 Ch. RV Net DALLIS does not work
17518 – A__madi4: BNC WCLK in inverted, to change phase by 180°
17661 – DALLIS: AES-cards 943/53 slot 1&2, there is no audio for redundant RAVENNA mastercards
17701 – Streams orchestrated by AdminHD cannot be created if bonjour does not work within the network
17786 – When disconnecting RAVENNA port, control connections can be reestablished via remaining
17827 – autoUpdate images are broken regarding mergeRavennaConfig tool in latest releases

Changelog Release 5.8.2.15

18006 – When using "Reload Production Snapshot" feature on DSN partners, DSN protections will not be respected

Changelog Release 5.8.2.16

18199 – IO DSP volume changes are not processed arbitrarily

This list is an extract of the most important enhancements and fixed bugs. For detailed information on a specific bug or enhancement, please contact our service department.

Contacting the Service Department

If you need assistance with updating your system, please contact our service department. The staff will coordinate all necessary steps with you.

Important information which the service department will require is as follows:

- Name and phone number of the contact person
- Time when this person is available
- Number and type of the system(s)
- Current software version
- System configuration data

Telephone support can be given during office hours (Mon – Fri 9:00 – 17:00 hrs CET)

Phone: +49-7222-1002-4000
email: support@lawo.com

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