



Introduction

This release for CLU and NETRON Ethernet to DMX gateways enhances the features and functionality and improves overall performance. It is recommended to update to this version for Netron devices listed below. These release notes detail the new features, improvements and bug fixes that have been implemented.

Netron devices:

- | | |
|-----------|-----------|
| ⦿ EP1 | ⦿ EN4 |
| ⦿ EP1D | ⦿ EN6IP |
| ⦿ EP2 | ⦿ EN6D |
| ⦿ EP4 | ⦿ EN12 |
| ⦿ RDM10 | ⦿ EN12i |
| ⦿ DA2410V | ⦿ EN12-45 |
| | ⦿ BS10 |

Compatibility Notes

Please be aware that Version 3 is not compatible with settings and backup files created with Version 2.x

Updating to Version 3 will reset the device to factory default IP address and erase all cue and settings data!

- ⦿ Netron devices do not support Internet Explorer or Firefox.
- ⦿ It is recommended to use the Netron Central Utility (CLU) to discover, configure and update Netron devices.
- ⦿ When ports are configured as DMX inputs, they will expect to only receive DMX. RDM packets interleaved by a source may cause interference.



Installation Instructions

Download the latest version of the Netron Central Utility (CLU) for Windows:

<https://obsidiancontrol.com/netron-clu>

Install and run CLU and discover the Netron devices. Take notes of all device IP addresses settings and port configurations if necessary. If Cues are stored ensure that they can be re-recorded from the original source. **Cue data will be erased by the update!**

Set the NETRON IP to Automatic 2.x.x.x from the display, CLU or the web interface.

Set the IP address of the local PC to 2.x.x.x / 255.0.0.0. (2.1.128.1 / 255.0.0.0 works well)

In CLU, go to Firmware Update, and click the upload arrow in the Update Firmware column, for every device you wish to update. Multiple devices can be updated at the same time.

- The device's firmware and web software will be updated to the last version
- The devices will reset to NETRON Preset 1 (Art-Net 2.x.x.x)

Do NOT disconnect power or network connection during a firmware update!

Rediscover all devices on the CLU home page, then restore all settings, IP addresses and record cue data as necessary.

For EN12i with a BS10 connected, navigate to System > Maintenance following the firmware update, click "BS10 Start Upgrade"

For assistance, please contact Obsidian Control Systems: support@obsidiancontrol.com



CLU 1.1.2

Includes:

Node Firmware 3.0.1 (EN12, EN12i, EN12-45, EP1, EP2, EN4, DA2410V)

Node Firmware 3.0.0 (RDM10, EN6 IP, EN6D, EP4, EP1D, BS10)

Switch Firmware 1.0.0 (NS8, NS8 IP)

Improvements

Added support for EP1D

Enhanced support for NS8 / NS8IP

Added support for EN6D Emergency Cues

Fixed Cue Options - Link Cue not working

Fixed Freeze during Save Cue

Fixed Firmware Update for DA2410V

Fixed Resend Ethernet disabling when running a cue

NETRON Node Firmware V3.0.1 (08/20/2025)

Bug Fixes

Corrected incorrect Network Port checkmark on EN4, EP1, DA2410V

Corrected EP2 not discarding per address priority packages on sACN

Corrected contact toggle behaviour on EN12, EN12i

NETRON Node Firmware V3.0.0 (07/09/2025)

New Features

NETRON-15 sACN Sync support

NETRON-18 Art-Net Sync support

NETRON-20 DMX Port Labels

NETRON-22 Added Signal Loss Option to DMX Input Ports (Hold DMX, DMX 0)

NETRON-24 "Cue Off" Fade Time

NETRON-26 Signal Loss and Recovery now allow Fade Time

NETRON-29 Added DMX Port Live Status Feedback on Web Interface

NETRON-31 Gateway IP Address field added to IP Settings

NETRON-34 New Identify Status from Device Display is shown on Web Interface

NETRON-36 Web Interface Security option with username/password, new Security Sub Menu

NETRON-38 RDM Device Count Indication per port

NETRON-41 sACN per channel priority now supported on EN12, EN12i, EN6D, EN6IP, DA2410V

NETRON-64 sACN Output Priority Number to DMX Input, Cue and Merge resend Ethernet

NETRON-76 Added Contact Closure / BS10 Priority Setting (DMX Source or Cue)

NETRON-78 Reboot Option added to Display Menu

NETRON-115 New "Cue Grid" remote web page (IP Address/Cues.html)

NETRON-129 "Disable Cue" option added to Cue Link list

Trigger Off Function for BS10, hold button for 5s to "untrigger" the input



Improvements

- NETRON-4 Changing Network Protocols no longer shifts the Universe Number
- NETRON-11 Improved RDM / DMX data packets interleaving so connected devices do not assume a loss of DMX traffic
- NETRON-21 Revised Clone Port Menu
- NETRON-28 Improved Web UI table rendering
- NETRON-33 User Presets can be loaded with or without IP address
- NETRON-45 Identical Art-Net or sACN Universes from two sources are automatically merged HTP
- NETRON-80 Improved RDM over Art-Net communication that prevented some consoles (like MA2) and RDM monitoring software seeing the discovered devices
- NETRON-109 Block IP address of 0.0.0.0
- NETRON-112 Clone Port settings are shown in web status page

Cue Playback is indicated with yellow status on port LEDs and Display

Bug Fixes

- NETRON-6 RDM-10 sometimes unstable output during Art-NET to DMX handover
- NETRON-7 Resolved node lockups with certain ARP packages
- NETRON-10 Corrected sACN keep alive refresh rate created by DMX Input ports
- NETRON-16 Art-Net trigger was only working with Universe 1
- NETRON-70 Fixed DMX output issues during LLRP or other multicast discovery commands (EN6IP, EN6D, EP1, EP1D, EP2)
- NETRON-77 Enabling Universe Monitor Interrupts Port 1 Output
- NETRON-79 BS10 LED feedback inconsistencies
- NETRON-93 Cue Fade & Hold Time Last x1.5 Longer Than Defined
- NETRON-98 Device Name cannot include some special characters
- NETRON-101 DMX Workshop port configuration mistakenly affected NETRON specific DMX Merge settings
- NETRON-110 User Preset corruption when the label had 12 characters
- NETRON-114 sACN Output generated by the node included Sync packets

Improved DHCP subscriptions and timeouts
Corrected EP1 disconnections from some sACN sources

Known Issues

- NETRON-92 Netron Backup Files Cannot Be Saved Using Safari
- DA2410V is not supported for CLU configuration, utilize the web page instead