

=====

Version 1.02	2020-09-03
--------------	------------

=====

- * Bugfix web interface:
 - * Art-Net name with special characters or with a certain number of characters prevented the web interface from working correctly.
- * Bugfix RDM controller:
 - * Fixed RDM discovery bug introduced in FW version 1.01.
- * Improved readability and formatting of version strings on OLED screen.
- * Improved IP address validation for unicast destination addresses.
- * Improved sACN multicast group joining procedure.

=====

Version 1.01	2020-06-29
--------------	------------

=====

- * Improved DMX input:
 - * It is now possible to choose between broadcast (Art-Net) / multicast (sACN) or one configurable unicast destination IP address per port.
 - * A symbol on the input port screen shows that a port is configured to unicast sACN or Art-Net data.
 - * Per input port option to forward DMX to local outputs independent of unicast IP address.
- * Automatic universe labels are now distributed to supported Swisson devices.
- * Made web interface more dynamic.
- * Improved consistency of settings when switching firmware versions.
- * Screensaver is now disabled by default.
- * Bugfix: Art-Net RDM was not working with ports in sACN mode.
Versions affected: V0.98 through 1.00.

=====

Version 1.00	2020-03-31
--------------	------------

=====

- * Feature-rich, intuitive, modern web interface:
 - * Display status of device and ports.
 - * Edit device settings.
 - * Update firmware via web interface.
 - * Responsive design.
- * Art-Net RDM is now off by default.
- * New factory preset: "sACN, no RDM".
- * Renamed DMX output modes:
 - * Max. Frame Rate => Max. Frame Rate (44 Hz)
 - * Relaxed => Relaxed (30 Hz)
- * Improved status display on OLED (The following features are not available on Art-Net ports when the device is configured to Art-Net version 3):
 - * Output ports:
 - * Merge mode is shown on port screen.
 - * Port screen shows whether RDM is being sent.
 - * A symbol shows if one, two or more than two merge sources are present.
 - * Input ports (not available on devices manufactured before 2017):
 - * A symbol shows that a port is configured for broadcasting sACN or Art-Net data.
- * Bugfix Art-Net 4 port binding:
 - * The bind index was incorrectly reported in ArtTodData packets.
- * Bugfix: Large universe numbers of input ports used to be cut off on main screen when hexadecimal display mode was active.
- * Bugfix: Incorrect multicast addressing of sACN universes above 255.

=====

Version 0.99	2020-01-13
--------------	------------

=====

- * Bugfix:
 - * IGMP was limited to 7 subscription addresses, changed to 8.
 - * Affected version: v0.98.

=====

Version 0.98	2019-10-10
--------------	------------

=====

- * Support for DMX input:
 - * Art-Net broadcast.
 - * sACN multicast.
- * More accessible ports configuration:
 - * The port configuration menu can now be accessed by pressing the port selection button twice in quick succession.

=====

Version 0.97

2019-06-07

=====

- * Support for Art-Net 4:
 - * Enabled by default.
 - * Replaces previous "independent universes" feature.
 - * In Art-Net 4 mode, the node does not expose a second virtual network interface.
- * Improved factory presets:
 - * Selection of start universe when loading a factory preset.
 - * User may choose whether he wants to adjust the network settings when loading a factory preset.
 - * Loading a factory preset has fewer side effects.
- * DMX buffers are flushed when protocol changes.
- * Relaxed DMX refresh rate by default.

=====

Version 0.96

2019-05-14

=====

- * Introducing simple user input locking in addition to password locking.
- * Fixed regression with non-zero start code sACN data packets.

=====

Version 0.95

2019-05-02

=====

- * Merging can now be turned off.
- * The refresh rate can now be changed between max. (ca. 44 Hz) and relaxed (ca. 30 Hz).
- * Fixed a merging bug that could leave the device in a state where it was impossible to send channel values to the outputs below a certain minimal level.
- * Reworked DMX generation engine.
- * Firmware version is now reported correctly via Art-Net.
- * Changed RDM buffers to correct size. The buffer size was low before, which could lead to crashes of the device.

=====

Version 0.93

2018-05-17

=====

- * Cleaner initialization.

=====

Version 0.92

2018-05-16

=====

- * Improved Art-Net and sACN network traffic filtering.
- * Optimized RDM table of device memory organization.
- * Changes to memory management.
- * Fix: Display content used to appear shifted occasionally.
- * DMX outputs are now turned off if low supply voltage is detected.
- * Improved displaying of fatal errors.

=====

Version 0.91

2017-11-20

=====

- * All RDM UUIDs and MAC addresses are now listed in the device info screen.
- * Improved display of network address information.
- * Changed memory management:
 - All dynamically allocated memory is now managed by a single heap.

=====

Version 0.90

2017-11-07

=====
* First release.