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Version 1.032020-03-31

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- \* Feature-rich, intuitive, modern web interface (not available on devices manufactured before 2017):
  - \* 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.

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Version 1.022019-10-10

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- \* Support for DMX input (not available on devices manufactured before 2017):
  - \* 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.

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Version 1.012019-06-06

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- \* Support for Art-Net 4:
  - \* Enabled by default.
  - \* Replaces previous "independent universes" feature.
- \* 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.

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Version 1.002019-05-14

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

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Version 0.992019-05-02

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- \* 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.

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Version 0.97

2018-05-16

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- \* Improved Art-Net and sACN network traffic filtering.
- \* Optimized RDM table of device memory organization.
- \* DMX outputs are now turned off if low supply voltage is detected.
- \* Improved displaying of fatal errors.

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Version 0.96

2017-11-20

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- \* All RDM UUIDs and MAC addresses are now listed in the device info screen.
- \* Improved display of network address information.

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Version 0.95

2017-11-07

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- \* User Input Password Locking  
Users may choose to password protect their XND-4. Once password protection is enabled, the device will automatically lock itself on restart or when the screensaver becomes active. Users may also manually lock the user input on their device via the menu.
- \* Independent Universes  
Users may enable the assignment of independent universe addresses per port. In this case, the node does no longer use the Net and Subnet address as defined by the Art-Net standard, but each port has its own 15bit address, which is also displayed on the home screen.
- \* The following factory presets may be recalled from the menu:
  - \* "Art-Net"
  - \* "Art-Net, no RDM"
  - \* "1,2: Art-Net - 3,4: sACN"
  - \* "Art-Net, Office Network"
- \* A selected output automatically becomes unselected when no user interaction has occurred for 20 seconds.
- \* The maximum number of RDM devices per output port is set to 250.

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Version 0.94

2017-09-11

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- \* RDM support for Art-Net universes.

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Version 0.93 (Beta Release)

2017-07-11

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- \* Added RDM support (experimental).

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Version 0.92

2017-06-06

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- \* Added support for sACN draft v0.2.
- \* Fixed issue with non-zero start code sACN data packets.

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Version 0.91 (Beta Release)

2017-03-27

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- \* Added support for sACN.

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Version 0.90

2016-06-28

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- \* First release.