

# LED MASTER

R E L E A S E   N O T E S  
V E R S I O N   1 . 2

arKaos | PRO

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# Release Notes 1.2

This new release of LEDMaster brings a significant support update for the Kling-Net™ protocol and also introduces support for the new interface Kling-Force LED™ from ArKaos, an easy solution to drive LED strips installations.

It also includes a large set of features and fixes for issues that got reported in previous versions.

## Change List

### Kling-Net

- Added support for Kling-Force LED product as a Kling-Net node.
- Support for multiple network adapters connected on a computer.
- Support to split LED strips in multiple segments.
- Improved discovery of Kling-Net devices.
- Fix for negative Kling-Net IDs.
- Fixed the need to restart LEDMaster if a network adapter was plugged.
- Fixed issue when plugging to a network interface after software is started.
- Latest Kling-Force Firmware.
- Added new Manufacturer IDs.
- Added support for arbitrary topology and Robe Spider fixtures.
- Better handling of disconnected devices.
- Warning if two Kling-Net servers are detected on a network.
- Latest firmware 1.0.24 for the Kling-Force LED.

### General

- More consistent user interface and color scheme.
- Added setting to change the output framerate in the preferences.
- Support for higher DPI (like 150%).
- Restoring application mode on restart.
- Flashing when selecting device is restricted in Mapping mode only.
- Documentation updated with latest features.

### Mapping Mode

- Mapping can be done while Performance output keeps playing.
- Added Kling-Net addresses and Kling-Net ID to the Device Properties panel.
- Added scroll bars to canvas when it is zoomed
- Higher divisor limit raised to 32.
- Optimized canvas margins for more space.
- Added keyboard shortcuts for selecting next and previous mapped device.
- Device preview conserves aspect ratio of the device.
- Support to filter connected Kling-Net devices by type or name.

- Support to display only fixtures connected to a given node.
- Using arrows to move selected device on the canvas.
- Added zooming with Control/Cmd and optionally the mouse wheel.
- Redesign of two buttons to "Map selected device" and "Forget all devices".
- Divisor can be applied to unmapped devices.
- Fixed issue with divisor.
- Fixed crash when moving devices.
- Fixed device selection after undo/redo.
- Showing properties immediately when device mapped
- Fixed cropping of selected devices.

### **Programming Mode**

- Option to change the color of any cue in the pattern editing view.
- Added copy/paste feature accessible in the Edit menu.
- Added support for most popular image formats.
- Fixed thumbnail issue for duplicated cues.
- Fixed rectangle flickering when resizing a cue.
- Fixed copying of a cue.

### **Performance Mode**

- Option to select either Deck A or Deck B and control the active Deck.
- Brightness and Contrast are applied after effects at the end of the rendering pipeline.
- Fixed bugs with pattern playback.
- Fixed seek functionality in playbacks.
- Fixed framerate regulation for playbacks.
- Fixed licensing issue on Mac for unrecognized Machine IDs.
- Fixed memory leaks on Mac.
- Fixed issues with seek, stop and pause in some playback modes.

## Release Notes 1.1

This release mainly introduces MIDI and Art-Net (DMX over Ethernet) triggering, improvement of the user interface and many other features and fixes for known issues.

- [MIDI/DMX] Support of MIDI, DMX (Art-Net) and keyboard control.
- [MIDI/DMX] MIDI, DMX and keyboard control mapping overlay for UI components.
- [MIDI/DMX] Conflict detection when a key or channel is already being used.
- [MIDI/DMX] MIDI feedback support for a set of MIDI controllers.
- [MIDI/DMX] MIDI, DMX and keyboard learn function for easier mapping.
- [MIDI/DMX] New dialog to review and edit all the mapped controls.
- [MIDI/DMX] Loading and saving of MIDI, DMX or Keyboard Template Mapping files.
- [Kling-Net] Fixed incorrect display of device and manufacturer names.
- [Kling-Net] Fixed saving of the device divisor.
- [Kling-Net] Improved combo-box to select only valid divisors.
- [Kling-Net] Support of new Kling-Net manufacturers.
- [Kling-Net] Fixed issue with negative device IDs.
- [Mapping] Fixed center moving when rotating and rescaling devices.
- [Mapping] Fix in sampler with devices width or height is 1.
- [Mapping] Fix for free geometry device.
- [Mapping] Improvements for device and zone editing.
- [Mapping] Fixed crash when using "Crop to selected devices" feature.
- [Mapping] Fixed grid snapping.
- [Programming] Creating thumbnails was freezing the playback.
- [Programming] Pattern thumbnails for easier selection in drop lists.
- [Timeline] Fixed crash when resizing cue marked as filling the sequence.
- [Timeline] Fixed handling of infinite cues to avoid discontinuity at the end of the pattern.
- [Timeline] Dragging cues to the borders automatically scrolls the timeline.
- [Timeline] Fixed drag and drop of a Cue without needing to select it first explicitly.
- [Timeline] Fixed infinite Cue detection after removing a Cue.
- [Timeline] Issue fixed when selecting one-cell Cues in the first column.
- [Performance] Fixed no deck preview issue when Freeze button was off at start-up.
- [Performance] Fixed performance issue when opening a popup on a cell.
- [Performance] Fixed crash with Random play of a single visual.
- [General] Code signing for Mac OS X 10.9.5 & 10.10.
- [General] Better logging.

# Release Notes 1.0

The documentation is up-to-date and reflects this initial release.

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