

# MX-10 EXTREME™

## Software

### Main CPU

#### Software Log

2005-11-22

ID: 2602 User support

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Version 1.6, 2005-08-23

**Version 1.6 of the MX-10 Extreme software significantly improved pan/tilt movement but contained some bugs that affected strobe and pulse functionality on channel 1 as well as some functionality on channels 12 and 13. For the moment, therefore, we have decided to roll back to version 1.5 in production of the MX-10 Extreme.**

**Version 1.6 will not be available for download again until further notice.**

- The most important change is improved motor control libraries, giving improved effect movement.
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Version 1.5.0, 2004-03-03

- Reduced step loss in ALL effects including P/T
- Significantly improved movement in tracking mode
- 100% color/gobo speed increase
- 200% prism speed increase
- Greater speed range in gobo/prism/color effects

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Version 1.4.0, 2003-09-30

**NOTE! The MU3 file posted here on September 26 was incorrect and has been replaced with a new one. The incorrect version displays version number 1.3.2 during power-up and is missing some of the improvements.**

- Improves pan/tilt movement
- Improves color wheel rotation
- Corrects bug that prevented random color execution after continuous rotation

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Version 1.3.0, 2003-05-28

- Adds prism macro function
- Fixes bug that could cause pan/tilt step loss.

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Version 1.2.9, 2003-05-19

- Increases mirror movement speed.
- Improves smoothness of mirror movement.
- Improves strobe effect
- Implements "Random Pulse" shutter functions
- Reimplements original focus reset direction (towards mirror), which was used prior to 1.2.8.

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Version 1.2.8, 2003-03-28

- Improves pan/tilt tracking
- Improves focus reset and changed reset direction.
- Improves shutter performance

Note: Due to the focus reset change, the motor wires can interfere with focus reset in some cases. There are still some issues with focus reset that will be addressed in the next release.

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Version 1.2.4, 2003-02-10

- Modifies strobe to increase light output

- Increases prism rotation speed
- Fixes bug that caused color wheel step loss
- Fixes bug in Manual menu
- Adapted software upload routine for new microprocessor version

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Version 1.2.0, 2002-11-28

- Implements the color wheel shortcut function
- Implements the random strobe function
- Implements the automatic lamp-on function
- Implements the usage counters
- Improves mirror movement
- Saves the display settings
- Fixes a bug that occasionally caused DMX data to be misread
- Implements support for upload via MP-2
- Implements support for upload via LightJockey 4064 ISA DMX interface
- Changes the direction of pan and tilt movement to match specified
- Changes the DMX Reset and DMX Lamp Off on/off options to match specified
- Increases the display processor programming speed
- Corrects bugs that could cause reset errors
- Corrects a bug that could result in lost DMX address and other settings

Note: All non-default user settings (including a DMX address other than 1) will be lost when upgrading from version 1.1 build J or below.

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Version 1.1, build G, 2002-11-04

- Fixes bug in display firmware update routine

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Version 1.1, 2002-11-01

- First production version
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Version 1.0

- LDI 2002 demonstration version