MIX 2.0 - CHANGE LOG
FOR FIRMWARE AND myMIX

LIST OF MAJOR IMPROVEMENTS AND CHANGES

- Improved low level dimming in white/color and Gel mode.
- Added 50 new Gels.
- Added an xy mode.
- Standalone mode: Mix controller now acts as a node ton convert ArtNet to DMX, and many more protocols.
- Color mode: saturation can be done on the whole White range.
- Hue angle of Blue is back to 240°.
- Color mode has more output in certain saturated colors.
- Improved connection with myMIX: myMIX adapts to the controller settings.
- Groups creation can be done on myMIX.

MIX FIRMWARE

● CALIBRATION

- Added calibration for batch 3 of LEDs.
- Added calibration for Maxi Mix.
- Improved calibration of batch 2 of LEDs.

● LOW VOLTAGE SIGNAL

- A low battery icon will appear on the controller if the battery (voltage) is too low. The icon will appear at 12.5V when using the Mini MIX, 21.5V when using the SL1 or MAXI MIX.

● WHITE MODE

- Quick access to CCT now includes 1700k and 10000k.
- Improved stability in low level dimming.

● COLOR MODE

- Desaturation can be done on any CCT from 1700K to 10000K.
- Quick access to hue 240° is replacing 260°.
- Fixed a bug where pure blue was displayed at 260° hue.
- Improved low level dimming.
- Overall light output increased in all hues at 100% saturation.
- Added an xy mode with REC709 and REC2020 color spaces.

● XY MODE

- Added the xy mode. Available via myMIX or DMX .
- REC709 and REC2020 restrictions can be applied via myMIX.

MIX FIRMWARE (CONTINUED)

● GEL MODE

• Added 50 new gels:

E049 Medium Purple	E164 Flame Red	E176 Loving Amber
E121 Leaf Green	E144 No Color Blue	E219 Fluorescent Green
E061 Mist Blue	E165 Daylight Blue	E183 Moonlight Blue
E127 Smokey Pink	E148 Bright Rose	E322 Soft Green
E088 Lime Green	E166 Pale Red	E193 Rosy Amber
E008 Dark Salmon	E157 Pink	E323 Jade
E108 English Rose	E170 Deep Lavender	E212 LCT Yellow
E140 Summer Blue	E161 Slate Blue	E328 Follies Pink
E111 Dark Pink	E176 Loving Amber	E213 White Flame Green
E144 No Color Blue	E164 Flame Red	E344 Violet
E121 Leaf Green	E183 Moonlight Blue	E219 Fluorescent Green
E148 Bright Rose	E165 Daylight Blue	E504 Waterfront Green
E127 Smokey Pink	E193 Rosy Amber	E322 Soft Green
E157 Pink	E166 Pale Red	E505 Sally Green
E008 Dark Salmon	E212 LCT Yellow	E323 Jade
E161 Slate Blue	E170 Deep Lavender	E506 Marlene
E140 Summer Blue	E213 White Flame Green	

• Removed duplicate of Gel 174 and replaced it by E136 Pale Lavender.
• Improved low level dimming.
• Changed Gel naming to match Rosco's format.

● DMX

OVERALL
• Changed DMX IN/OUT text to DATA IN/OUT.
• Added a "NONE" option in DATA IN/OUT.

GATEWAY
• The Mix controller now acts like a gateway between Art-net (WI-FI and RJ45) DMX (XLR) and CRMX (Lumen radio) without the need of having a light connected. It is a standalone device that can be used to translate between the above protocols.

IMPROVED CRMX AND WI-FI CONNECTION
• Improved CRMX stability in Rx mode and Tx mode.

• Added unlink in Tx mode by pressing the navigation button 3 seconds when DATA OUT is not highlighted.
• Added a "linking" message when linking in Tx and Rx.
• Improved unlinking is Rx mode.
• Remove the bug where several users could connect in WI-FI.

T and R mode
• Added a T and R mode (for Transmit and receive): anything done on a controller in T mode will be reproduced by a controller in R mode. This works only via cabled XLR. One can also control the controller in T mode via myMIX.

DMX profiles
• All G/M channels now have a dead band between 0 and 10 (in DMX value), where G/M correction is at 0 in this dead band.
• Added a strobe channel. MIX can strobe from 1 to 30 flashes per second on White/gels/ Full mode and xy mode. Available in pro modes (8 and 16bit) and Full modes (8 and 16bit).
• Full modes now include CCT base and G/M. User can crossfade between any CCT and any mix of color done with the 6 LEDs.
• Added a strobe channel in profiles 4/5/6/7/11/12/13/14.

XY
• Included xy control support in 8 bit and 16bit on Pro modes.

● MAXI MIX

SUPPORT
• Added support for the MAXI MIX.

ZONE CONTROL
• Added zone control for 2 zones via myMIX and DMX.

DMX
• Added 7 new profiles when using a MAXI MIX to control both zones separately.

● MIX UPDATE SOFTWARE

NEW SOFTWARE
• Created a MIX update software to update MIX controllers via a PC (windows 10 only).