

**Thank you for purchasing the EVL-micro controller.
Please read this user manual carefully.**

Based on the top selling 'Mad 4-1' & 'e-pod' controllers, the EVL **micro controller** takes preprogrammed DMX controllers another step forward.. This user friendly unit gives easy control over DMX effects via 4 strong foot switches that can also be pressed by hand. The EVL **micro controller** features the stunning '**ASL**' (Adaptive Sound to Light)* software as used in the EVL -SPIN moonflower effect.

micro-controller comes ready to use and preprogrammed with an almost limitless sequence of sound activated chases, slow scrolling chases, over-rideable super strobe effects and static colours. **micro-controller** is designed for easy use and enables the user rapid control over most of the **EVL** product range.

Connections from the unit are simple, effects are connected by standard DMX cable from the XLR out socket on the controller. Fixtures are then daisy chained together.

A power unit is supplied with the controller. It is a 9V DC/500mA type with negative centre pin (2.1 mm DC plug). Audio input for the beat response is through the units built in mic. Sound levels are automatically set.

THE BUTTONS (please also refer to mini-color section)

Button 1: BLACKOUT / GOBO-COL select

First press of the button is always Blackout. Each successive press selects the next Gobo-Colour. Scanner mirrors and Moving Heads will point forward in a midway position.

Button 2: STROBE

Pressing once will activate a fast strobe effect in the current Gobo-Colour as pre selected by button 1 to all linked heads. Pressing the button again will activate a WHITE strobe effect to all linked effects, and also activates a 'Pro Strobe' if connected. *Please note that the first initial press of this button enables the time sequenced strobe patterns within the sound to light preprogrammes.....*
IF STROBE EFFECTS ARE NOT REQUIRED DO NOT PRESS.

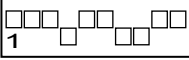
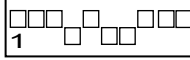
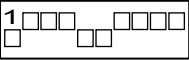
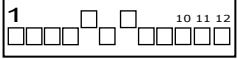
Button 3: SOUND to LIGHT

Press to activate the 'ASL' (Adaptive Sound to Light)* programmes via the built in mic. These programmes are designed so that Scanners, Stars, Spins and Moving Heads can be used in pairs or multiple pairs to give an odd/even sequence set up. Each additional press of this button will manually advance the current step within the auto programmes. Holding down this button for 2 seconds will activate independent 'local' mode to all connected heads that have local sound to light compatibility. Heads without on-board local mode will continue to be activated from e-pods sound to light programmes and also e-pods smooth mode. This allows a combination of heads operating in their own local mode and heads being controlled by e-pods smooth mode. Pressing the Sound to Light button again will reactivate the e-pod's preprogrammes to all the linked heads.

Button 4: SMOOTH MODE

Slow scrolling patterns and soft ambient movements are created when this button is pressed. It does not rely on a sound input. Further presses will advance the current step within the smooth programmes.

*** EVL's Adaptive Sound to Light (ASL) system reads the musical style and beat patterns. This results in stunning light shows locked into the sounds structure & groove.**

DMX ADDRESS SETTINGS FROM THE CHART BELOW MUST BE USED WHEN OPERATING EVL EFFECTS FROM THE MICRO CONTROLLER.		
EVL PRODUCT	HEAD 1 channel	HEAD 2 channel
Mini Spot 150SA	c001	c011
Mini Spot 150/250 (180degree movement)	c022	c030
Mini Spot 150/250 * (360degree movement)	c051	c065
Spin 250H	c038 (4,7,8 down) 	c044 (4,6,7 down) 
Pro Strobe	c049 (1,5,6 down) 	n/a
mini250color pack (Dip switch settings on driver unit only)	c080 (1,2,3,4,6,8,9,DOWN) 	n/a

***USE THESE SETTINGS FOR THE NEW EVL SCANNER & STAR:
Head 1 c051 - Head 2 c065 (V2 Micro Controller only)**

BUTTON OPERATION with mini250color pack

BLACKOUT / GOBO-COL select

First press gives white dimming up to full power. Each press selects 1 of 10 colours. The next press will activate a colour scroll effect. Press again for black out. Also Press this button to blackout when in any other mode.

STROBE

The mini color does not have a strobe effect but when this button is pressed the heads go into a sound activated colour 'pulsing' effect. Press again to activate a white only 'pulse' effect.

SOUND TO LIGHT

Press to activate the 'Adaptive Sound to light' system. The effects will alternate through single & paired patterns. (Heads 1 & 3 and 2 & 4 are paired.)

SMOOTH MODE

Press this to activate slow ambient colour scrolls and selections.