**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 **microcontroller** takes preprogrammed DMX controllers
another step forward..
This user friendly unit gives easy control over DMX effects via 4 strong
foot swithces 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**
Press to activate the Slow 'Sound to Light mode.
(This is a smoothambient version of Button 3).
Slow scrolling patterns and soft ambientmovements
are created when button 4 is held down for 3 seconds.
This mode does not rely on a sound input.

*** *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.***

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
Pro color 1200	c208	n/a
EVL Scanners	c101	c109
EVL Stars	c085	c093
EVL Spirit projector	c135 (1,2,3,8 down)	c141 (1,3,4,8 down)
EVL k-scope projector	c194 (2,7,8 down)	c198 (2,3,7,8 down)
EVL led head36	c168	c181
NEW EVL-250CMY color changer	c212	n/a

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 botton 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.