

LED Animator

RGB Color Animation Single Color LED Controller	
Total Power	25 Watts max. / channel
Input Voltages	8 ~ 30VDC
Number of Outputs	Up to 8

Product Specifications

ANZ#: Z111a, October 12, 2005

Our LED Lighting Controllers Animation line of products includes simple 3, 4 or 8-circuit solid-state chaser/sequencers, available in different models for driving 12, 24VDC loads. These designs provide chasing, fading and flashing effects for conventional through hole LED (uses Constant Voltage Mode) or high brightness LED (uses Constant Current Mode)

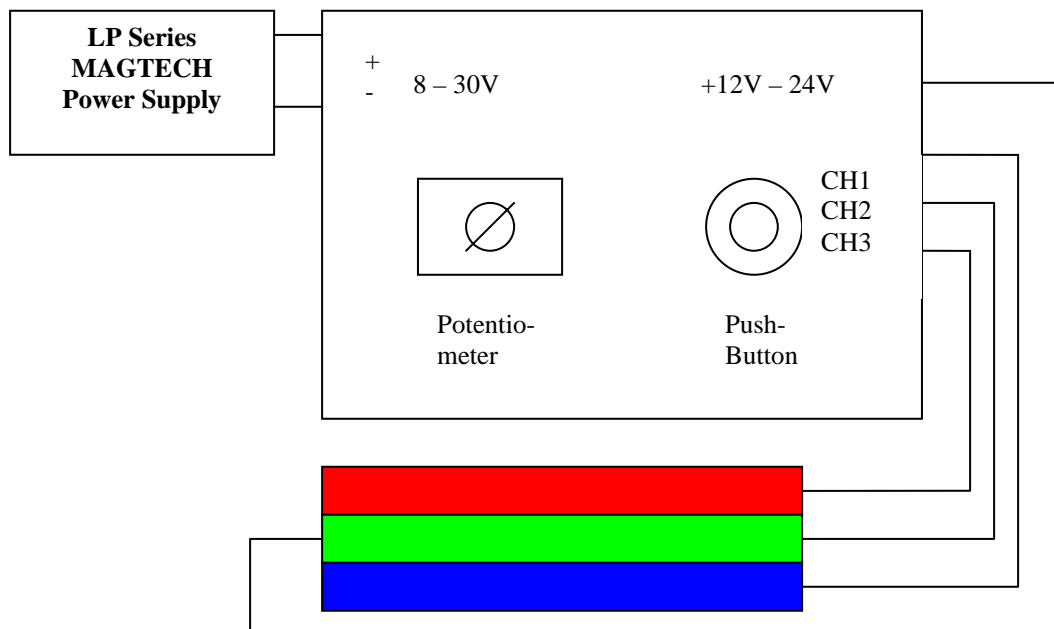
Features

- Wide Input Voltage Range (8V ~ 30VDC)
- Radial switch with adjustable speed
- Up to 8 pre-selectable patterns
- Chasing, Cross-Fading or Flashing Effects
- High efficient, low power loss
- Compact size, approx. 5" x 2" x 1" (LxWxH)
- 3A max. per channel

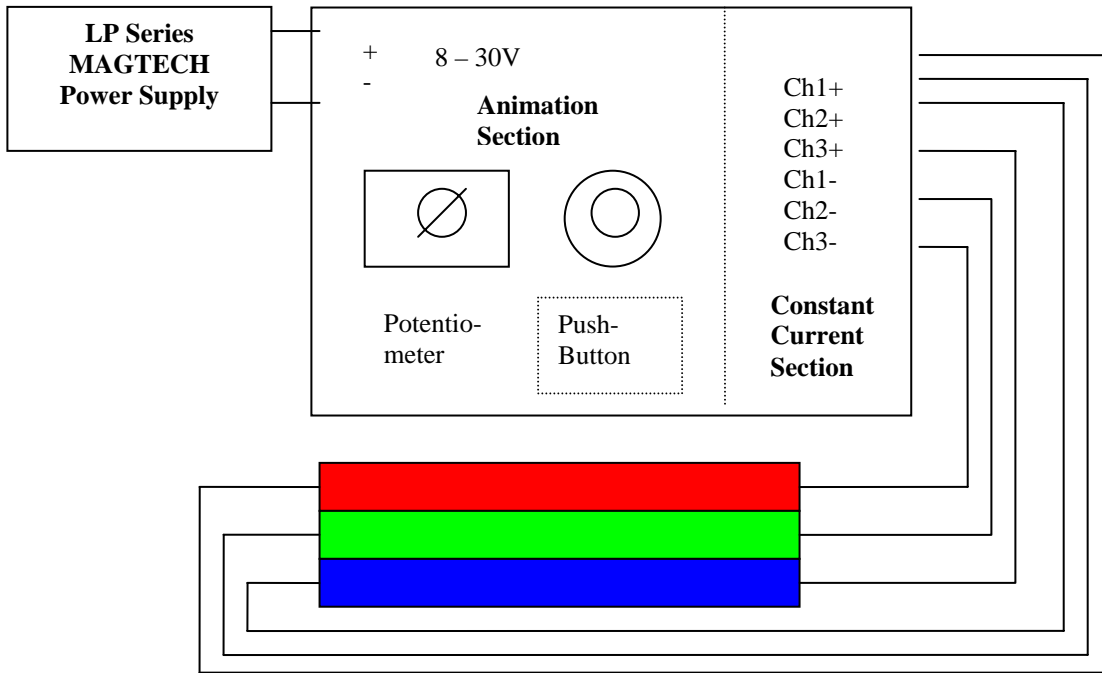
Electrical Specifications

Input Voltage	8 ~ 30VDC
Output Freq.	1KHz
Output Current	1 Amp max. – Constant Current Mode 6 Amps max. – Constant Voltage Mode
Output Voltage	Vin – 5VDC
Output Channels	3, 4 or 8 channels
Temp. Range	-20 ~ +50 Deg. C

Wiring Diagram with Constant Voltage Mode



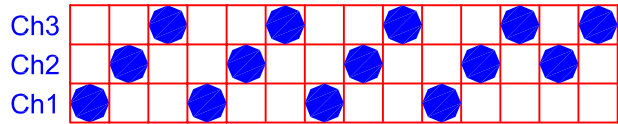
Wiring Diagram with Constant Current Mode



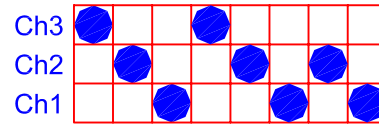
REVISIONS		
REV	DESCRIPTION	DATE
A	RELEASE TO PRODUCTION	

3 CHANNELS

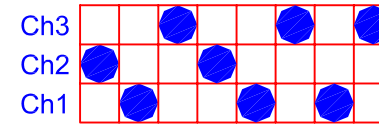
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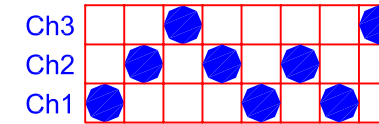
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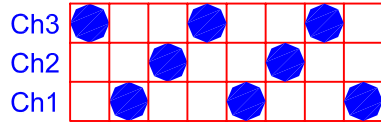
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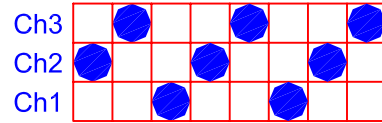
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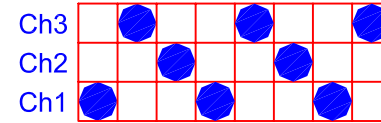
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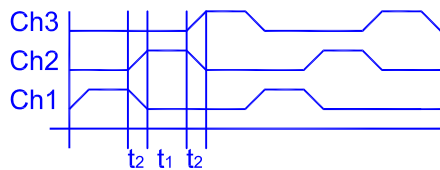
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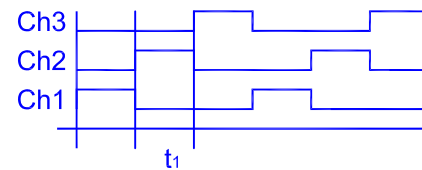


Fading



Standard timing:
 t_1 : 3~17 Sec, 6~35 Sec
 (pot selectable)
 t_2 : 5.5 Sec, 13.5 Sec

non-Fading



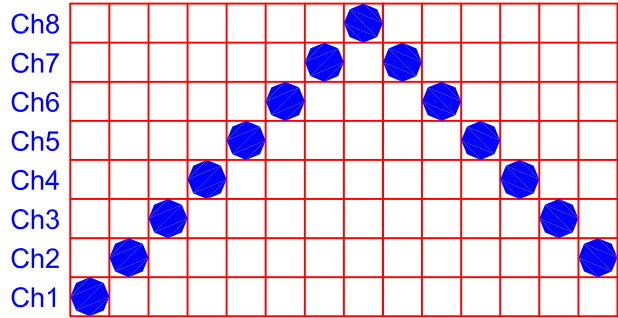
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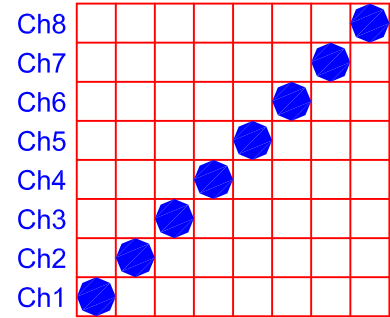
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8 CHANNELS

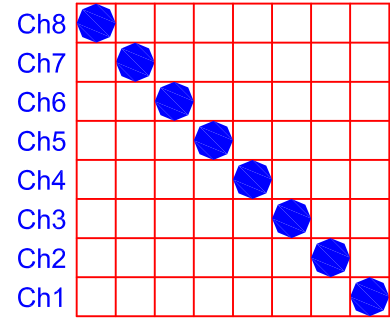
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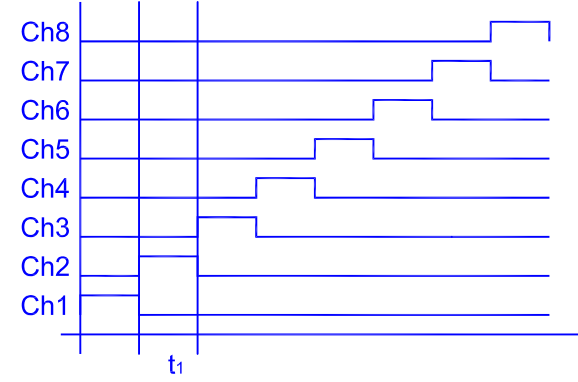
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Seq #3



non-Fading

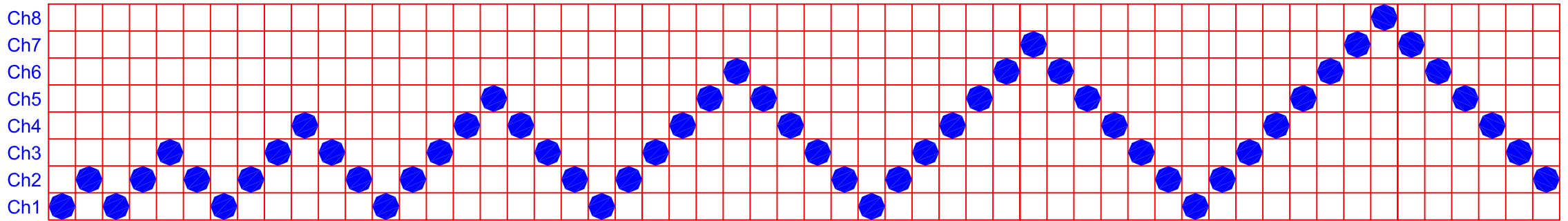


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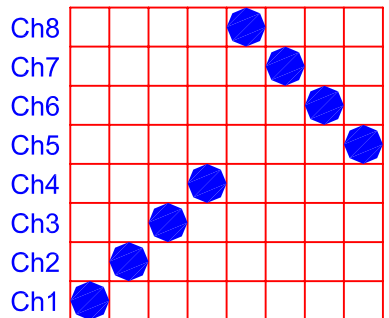
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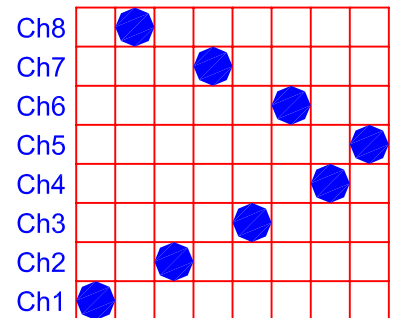
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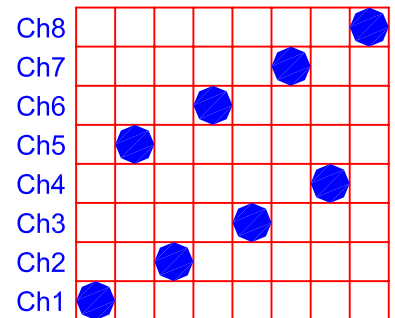
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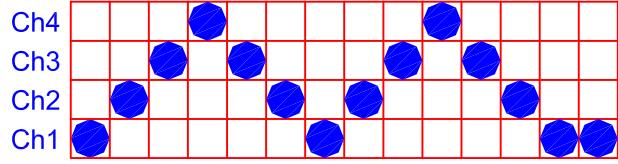
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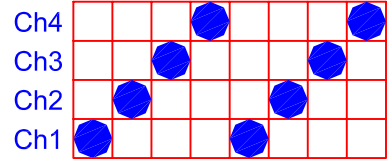
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4 CHANNELS

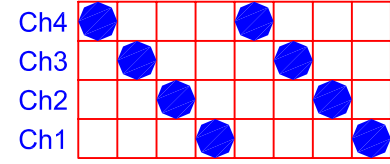
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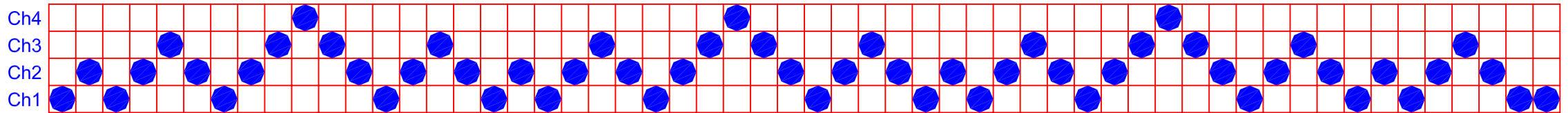
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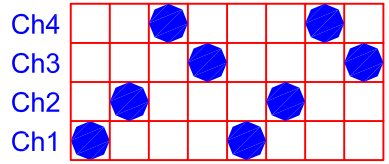
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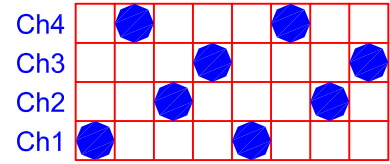
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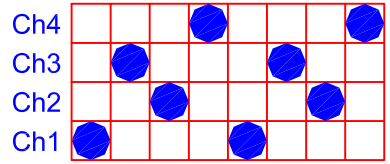
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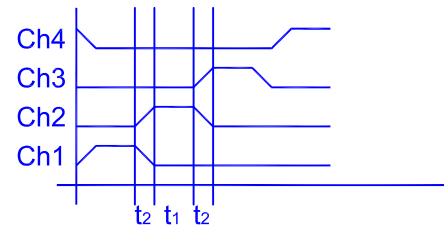
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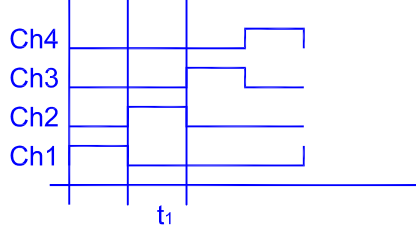


Fading



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non-Fading



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