

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)

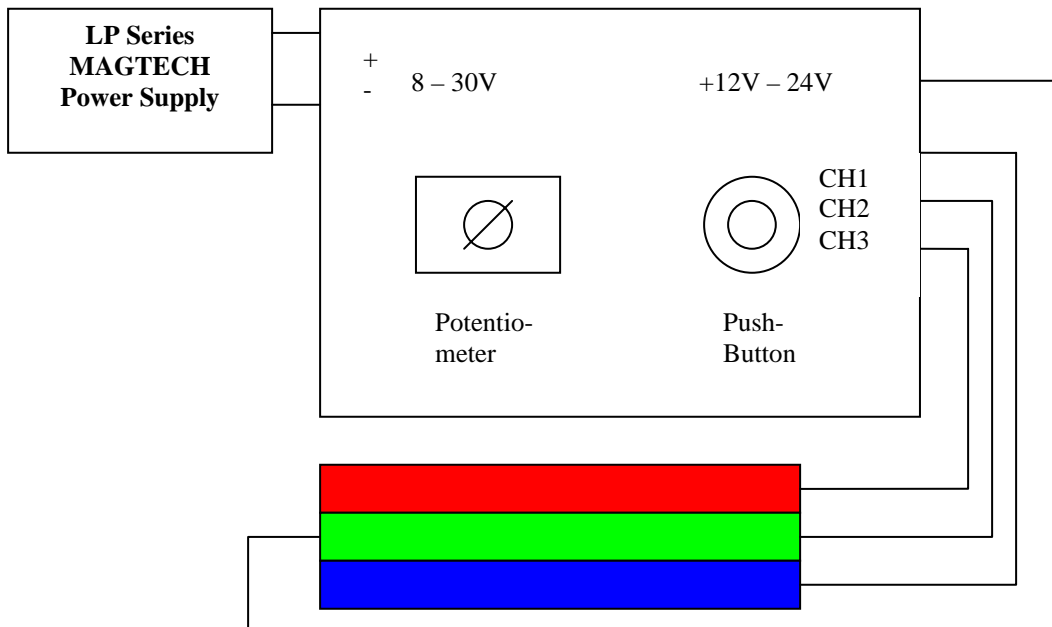
Features

- 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

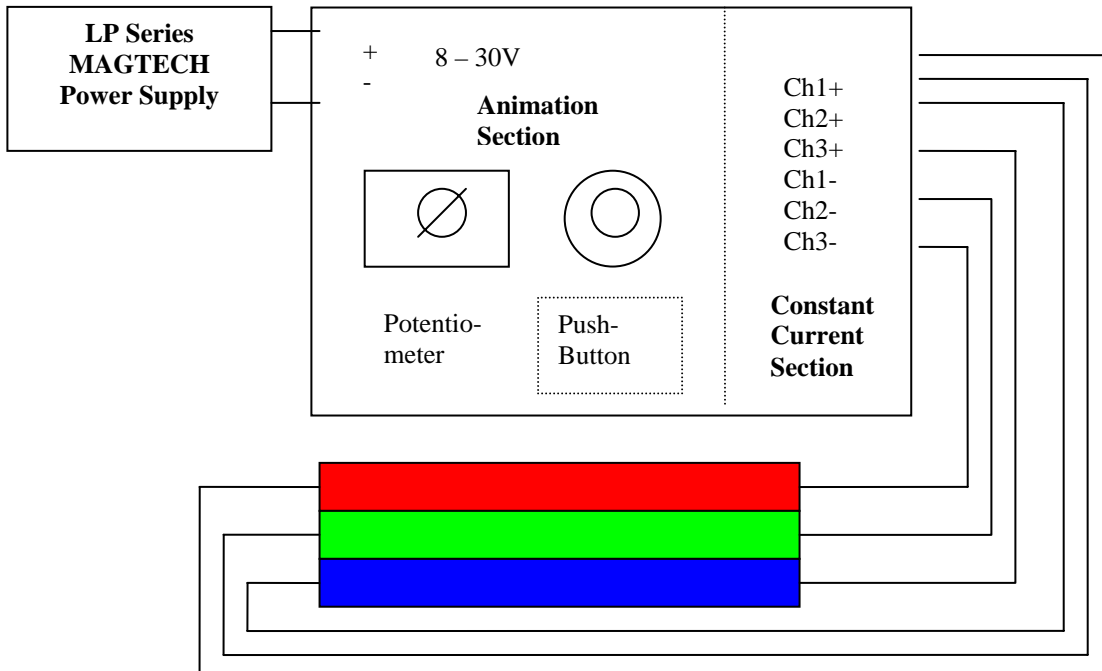
Electrical Specifications

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



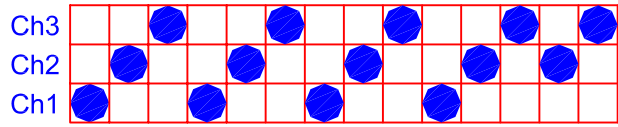
Wiring Diagram with Constant Current Mode



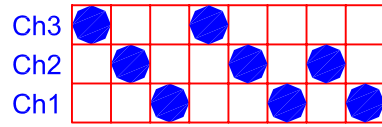
REVISIONS		
REV	DESCRIPTION	DATE
A	RELEASE TO PRODUCTION	

3 CHANNELS

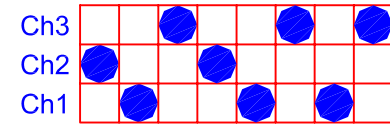
Seq #1



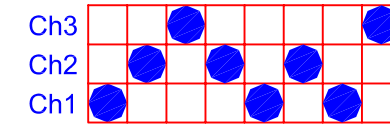
Seq #2



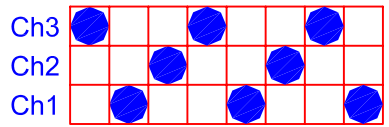
Seq #3



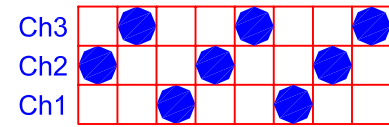
Seq #4



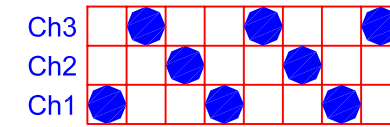
Seq #5



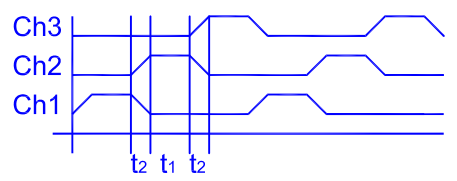
Seq #6



Seq #7

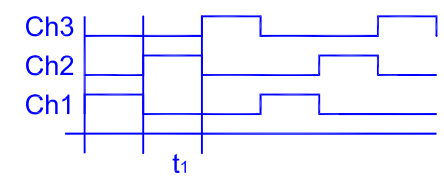


Fading



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

non-Fading

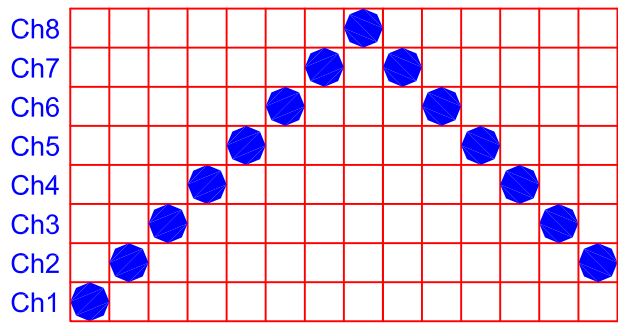


THIS ITEM IS THE PROPERTY OF PFC AND CONTAINS PROPRIETARY CONFIDENTIAL AND TRADE SECRET INFORMATION. THE INFORMATION CONTAINED HEREIN MUST NOT BE USED, DISCLOSED OR REPRODUCED IN WHOLE OR IN PART WITHOUT PRIOR WRITTEN CONSENT FROM PFC.			
UNLESS OTHERWISE SPECIFIED		APPROVAL DATE	10/04/05
DIMENSIONS ARE IN INCHES [MM]		CHECKED BY	
TOLERANCES:		APPROVED BY	
.X DECIMALS± .05 [1.3]			
.XX DECIMALS± .02 [0.5]			
.XXX DECIMALS± .005 [0.13]			
ANGLES± 1°			
FRACTIONS± 1/16			
DO NOT SCALE THIS DRAWING			
INTERPRET DRAWING PER ANSI Y14.5M			
PFC Corporation		TITLE: PREDEFINED SEQUENCES	
		MODEL NO. TBD	DWG NO. 01-0101
		REV. A	SHEET 1 OF 1

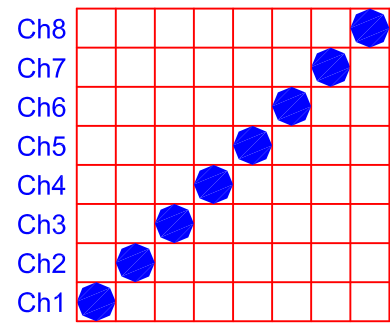
REVISIONS		
REV	DESCRIPTION	DATE
A	RELEASE TO PRODUCTION	

8 CHANNELS

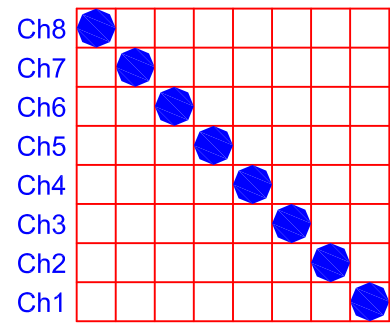
Seq #1



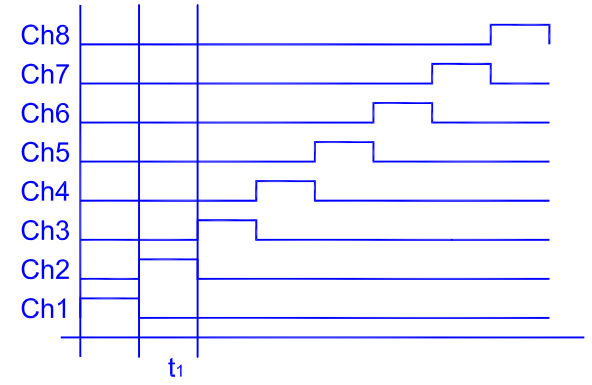
Seq #2



Seq #3



non-Fading

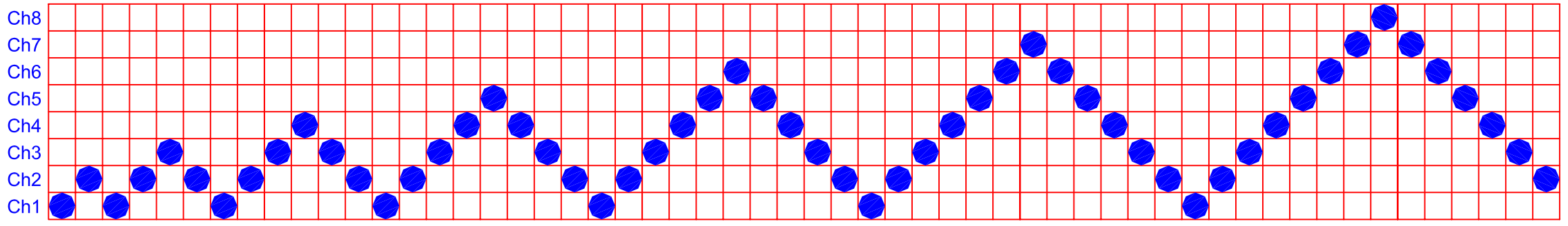


Standard timing:
 t_1 : 3~17 Sec, 6~35 Sec
 (pot selectable)

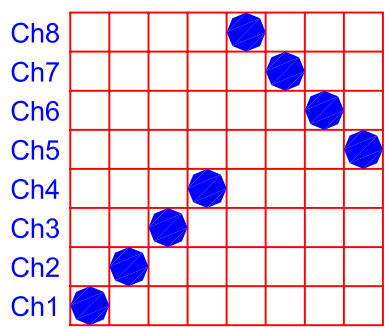


Time

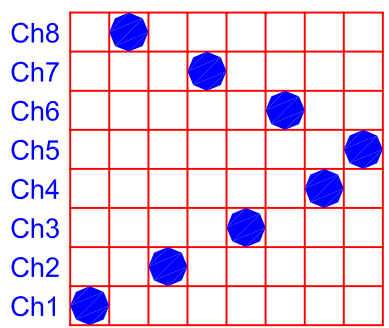
Seq #4



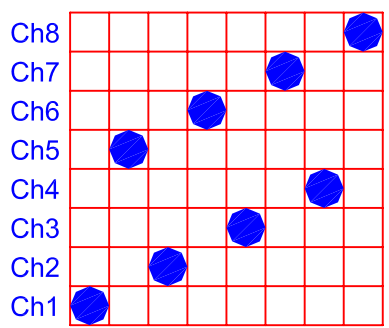
Seq #5



Seq #6



Seq #7

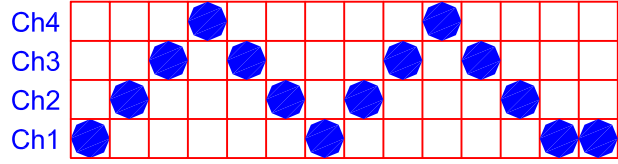


THIS ITEM IS THE PROPERTY OF PFC AND CONTAINS PROPRIETARY CONFIDENTIAL AND TRADE SECRET INFORMATION. THE INFORMATION CONTAINED HEREIN MUST NOT BE USED, DISCLOSED OR REPRODUCED IN WHOLE OR IN PART WITHOUT PRIOR WRITTEN CONSENT FROM PFC.			
UNLESS OTHERWISE SPECIFIED			
DIMENSIONS ARE IN INCHES [MM]		APPROVAL DATE	10/05/05
TOLERANCES: .X DECIMALS± .05 [1.3] .XX DECIMALS± .02 [0.5] .XXX DECIMALS± .005 [0.13]		CHECKED BY	
ANGLES± 1°		APPROVED BY	PFC Corporation TITLE: PREDEFINED SEQUENCES
FRACTIONS± 1/16			
DO NOT SCALE THIS DRAWING		MODEL NO.	DWG NO.
INTERPRET DRAWING PER ANSI Y14.5M		TBD	01-0102
		REV.	SHEET OF
		A	1 1

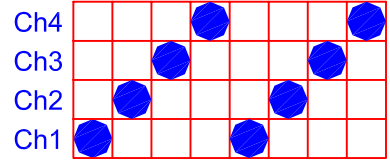
REVISIONS		
REV	DESCRIPTION	DATE
A	RELEASE TO PRODUCTION	

4 CHANNELS

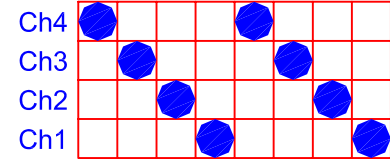
Seq #1



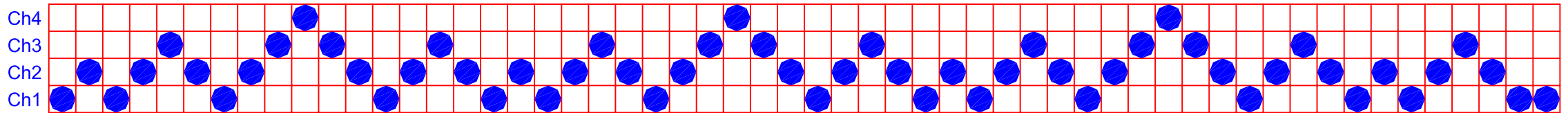
Seq #2



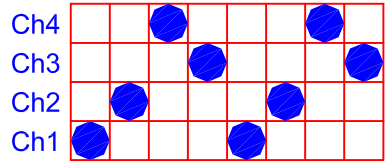
Seq #3



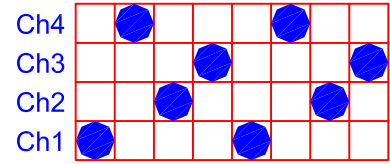
Seq #4



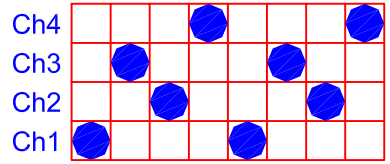
Seq #5



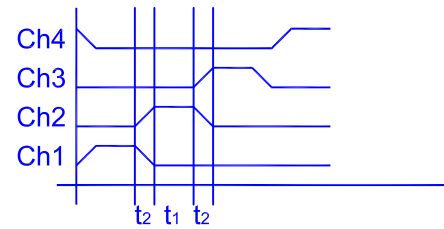
Seq #6



Seq #7

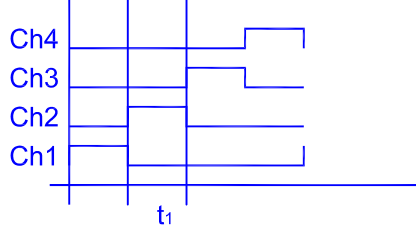


Fading



Standard timing:
 t1: 3~17 Sec, 6~35 Sec
 (pot selectable)
 t2: 5.5 Sec, 13.5 Sec

non-Fading



THIS ITEM IS THE PROPERTY OF PFC AND CONTAINS PROPRIETARY CONFIDENTIAL AND TRADE SECRET INFORMATION. THE INFORMATION CONTAINED HEREIN MUST NOT BE USED, DISCLOSED OR REPRODUCED IN WHOLE OR IN PART WITHOUT PRIOR WRITTEN CONSENT FROM PFC.

UNLESS OTHERWISE SPECIFIED		APPROVAL DATE		10/05/05		PFC Corporation	
DIMENSIONS ARE IN INCHES [MM]		CHECKED BY					
TOLERANCES: .X DECIMALS± .05 [1.3] .XX DECIMALS± .02 [0.5] .XXX DECIMALS± .005 [0.13]		APPROVED BY				MODEL NO. TBD	
ANGLES± 1° FRACTIONS± 1/16		DO NOT SCALE THIS DRAWING		INTERPRET DRAWING PER ANSI Y14.5M		DWG NO. 01-0106	
						REV. SHEET OF A 1 1	