

Strobe, 4Ch, 8A, PAD1 1431/8

This package consists of:

PAD1 1431/8, Strobe control unit LKA1 1431 Power cable, 5m LKA1 1033T Trigger cable, 5m

Specifications		
Voltage supply	24V DC(±10%)	
Current requirement	max. 2.5A	
Protection class	IP30	
Operation temperature	0°C+65 °C	
Storage temperature	-40°C+80 °C	
Storage humidity	max. 80%	
No of channels	4	
Power output	Max. 8A/channel	
Light intensity	0 to 100%.	
Strobe pulselength	50 to 1500 µsec	

Warning!

Do not connect to other than 24 V DC

Power cable		
Red	24 VDC	Pin 5
Black	0 V	Pin 4

Trigger cable LKA1 1033T	Trigger + white cable	Trigger - brown cable
Channel 1	Pin 1	Pin 6
Channel 2	Pin 2	Pin 7
Channel 3	Pin 4	Pin 8
Channel 4	Pin 5	Pin 9

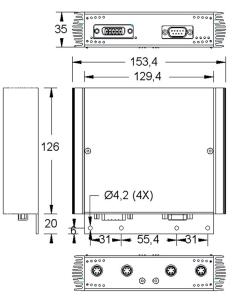
Trigger input: Optical isolated Trigger range: 5-24VDC, 20mA

Light head connector:

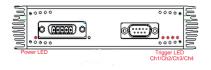
Pull back the spring-loaded housing before connecting and disconnecting.

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LED indication



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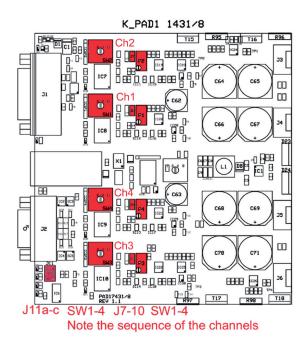
CONTROLLER

Installation and users guide

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Adjustment:

Open the units by unscrewing top cower



Light intensity, P1-P4:

Turning P1, P2, P3 and P4 anti-clockwise will decrease the light intensity. Default value: 100%.

LATAB recomend to reduce the light intensity as much as possible to increase lifetime. 360 degr (1 turn) is equal to about 5%

Pulse width, SW1-SW4:

The strobe pulse width can be set from 50 to 1500 µsec by SW1, SW2, SW3 and SW4. See table. Factory preset to 1500 µsec.

200% intensity, J7-10:

Installing of the jumper J7-10 will double the intensity. The strobe pulse will be automatically limit 100µsec to avoid overloading the LEDs.

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Table for strobe pulse width setting

Industrial LED Lighting

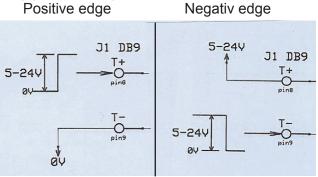
SW1/2/3/4	µsec	SW1/2/3/4	µsec
0	50	8	600
1	100	9	700
2	150	А	800
3	200	В	900
4	250	С	1000
5	300	D	1100
6	400	E	1200
7	500	F	1500

Common trigger, J1a-c.

Installing jumper J1a-c will enable channel 2-4 to be triggered simultaneously using channel 1 as master channel.

The four channels can be triggered induvidually or simultaneously with channel 1 as master channel by using jupers J11a-c

Trigger configuration





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