

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

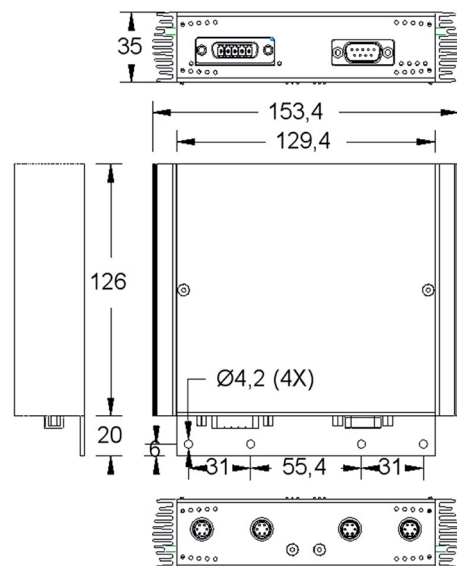
Trigger cable LKA1 1033T	Trigger + white cable	Trigger - brown cable
Channel 1	Pin 1	Pin 6
Channel 2	Pin 2	Pin 7
Channel 3	Pin 4	Pin 8
Channel 4	Pin 5	Pin 9

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

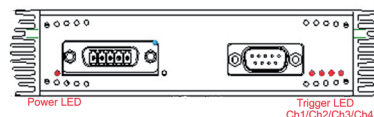
Light head connector:

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

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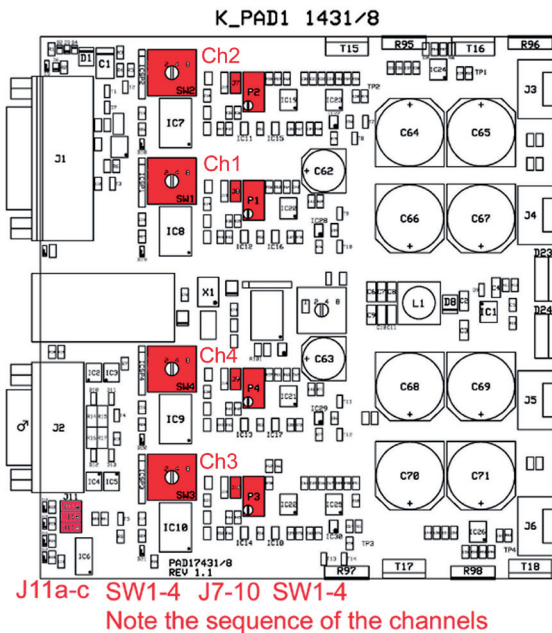
LED indication



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Adjustment:

Open the units by unscrewing top cover



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 μ sec by SW1, SW2, SW3 and SW4.

See table.

Factory preset to 1500 μ sec.

200% intensity, J7-10:

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

Table for strobe pulse width setting

SW1/2/3/4	μ sec	SW1/2/3/4	μ sec
0	50	8	600
1	100	9	700
2	150	A	800
3	200	B	900
4	250	C	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 individually or simultaneously with channel 1 as master channel by using jupers J11a-c

Trigger configuration

Positive edge

Negativ edge

