Analog Controller

2APC Series

3LINH 3LINL 3LIN 2LINS

2LIN 2COXL

2LINIV SDL

STI

RN

SRN HPR FPR DML

3DM 2DM LFX FPQ RIH

DL

3BRH

2BR

2BRS

3CON

3COX

HSL 2SL SL RNMU

2FTB/ 2FTR FTC

LIF

IR

PS PC 2DRC

3STU

APC

2APC

DPA 2ACC

2DPC

Compact	dimension,	easyto	install
Compact	unnension,	casyic	motan.

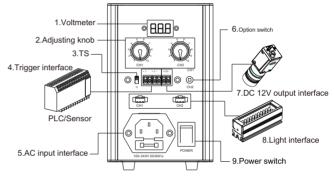
- Luminance stepless adjustment.
- ◆ Short-circuit protection function.
- External trigger function.
- Voltage display function.
- ♦ Clear operation mark, easy to operate.
- ◆ Have a 12V 500mA output to supply to other device.





Control panel specification <LTS-2APC2424-2>

No.	Parameter	Specification
1	Voltmeter	Voltmeter display the voltage of selected channel
2	Adjusting knob	Ch1 knob adjust the output voltage of CH1 channel, CH2 knob adjust the output voltage of CH2 channel
3	TS	Output initial state option switch. Move TS up, output open; Move TS down, output off
4	Trigger interface	Connect external trigger signal to do the frequency strobe working, low level trigger
5	AC input interface	Input AC100-240V 50/60 Hz
6	Option switch	Switch up, voltmeter display CH1 channel output voltage; switch down, voltmeter display CH2 channel output voltage
7	DC 12V output interface	Output 12V 500mA, Can power supply to camera or other device. This interface strictly prohibit reverse connected
8	Light interface	2 way output, each can be controlled independently
9	Power switch	On/ off controller power



Connection step:

Step 1: connected the light and controller (Reference to the picture on the right).

Step 2: if need the external trigger control, please connect the external trigger signal with the controller trigger interface.

 $Step \ 3: connect \ power \ (AC100-240V \ 50/60 \ Hz), \ press \ the \ red \ switch \ ``-", indicator \ light \ up, \ ``o" \ uplifted, \ power \ on. \ and \ an all \ an all \ and \ an all \ and \ and \ an all \ and \ an all \ and \ an all \ and \$

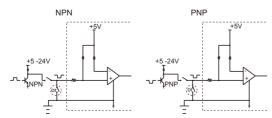
Trigger port setup <LTS-2APC2424-2>

This series controller have high level trigger and low level trigger optional. This model is low level trigger. Total 2 group trigger ports, each has +/- mark. To input low level 0-1.5V to +/- port or +/- connected with short circuit can achieve the trigger function.

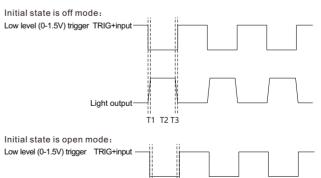


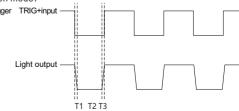
Trigger introduction: when output initial state is open mode, input low level to trigger port, light off; when output initial state is off mode, input low level to trigger port, light on.

wire connection method of the external trigger signal



Sequence chart





Specification: T1 is trigger delay time, T1≤80us T3≤80us.



http://www.lotsmv.com

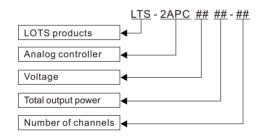
Analog Controller

2APC Series

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Item	LTS-2APC2424 -1/2/4	LTS-2APC2460 -1/2/4/6	LTS-2APC24120 -1/2	LTS-2APC24120 -8	LTS-2APC24200 -1	LTS-2APC24400 -1/2	Remark
External trigger voltage	0-1.5V	0-1.5V	5-24V	0-1.5V	5-24V	5-24V	
Number of channels	1、2、4 way	1, 2, 4, 6 way	1、2 way	8 way	1 way	1、2 way	
Input voltage	AC 100-240V AC 200-240V						
Input frequency range	50/60Hz						
Output voltage range	12-24V						
Luminance control method	manual adjusting knob						
Luminance control level	stepless adjustment						
Luminance control mode	Constant-voltage						
Addition output voltage	12V output (Can power supply to camera) 500mA output						this interface strictly prohibit reverse connected
Normal on/Normal closed mode switch	build-in					switch by toggle switch TS	

→ Coding rule



Controller model

Product	Model	Output voltage range	Total output power	One way Max. output power	Number of channels	Dimen -sion	Extenal trigger voltage	Remark
	LTS-2APC2424-1	12-24V	24W	24W	1	1	0-1.5V	Have voltage display, trigger, and power supply to camera function
	LTS-2APC2424-2	12-24V	24W	24W	2	1		
	LTS-2APC2424-4	12-24V	24W	24W	4	1		Have trigger, and power supply to camera function
	LTS-2APC2460-1	12-24V	60W	60W	1	1		Have voltage display, trigger, and power supply to camera function
	LTS-2APC2460-2	12-24V	60W	30W	2	1		
	LTS-2APC2460-4	12-24V	60W	24W	4	1		Have trigger, and power supply to camera function
Analog controller	LTS-2APC2460-6	12-24V	60W	24W	6	2		
	LTS-2APC24120-1	12-24V	120W	120W	1	3	5-24V	Have voltage display, trigger, and power supply to camera function
	LTS-2APC24120-2	12-24V	120W	60W	2	3		
	LTS-2APC24120-8	12-24V	120W	24W	8	4	0-1.5V	Have trigger, and power supply to camera function
	LTS-2APC24200-1	12-24V	200W	200W	1	5	5-24V	Have voltage display, trigger, and power supply to camera function
	LTS-2APC24400-1	12-24V	400W	400W	1	6		
	LTS-2APC24400-2	12-24V	400W	200W	2	6		

3LINH Line scan illumination 3LINL 3LIN 2LINS 2LIN 2COXL 2LINM SDL STL HPR FPR Shadowless illumination DML LFR 3DM 2DM LFX FPQ RIH DL 3BRH 2BRS 2BRM 3СОН 3CON COXR 3СОХ COPA HSL 2SL SL RNMU 2FTB/ 2FTR FTC 2FT/ 3FT Custo-mized PS PD 2DRC 3STU APC DPC 2APC DPA 2ACC 2DPC



Area scan Line scan

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3LINH = 5			
3LINL 3LIN 3LINS 2LINS 2LIN 2COXL 2COXL 2COXL 2LINMINITED 1			
2LINS E	→ Boundary dimension(mm)		
2LIN =			
2COXL 00	1.LTS-2APC24242460-1/2/4	2.LTS-2APC2460-6	3.LTS-2APC24120-1/2
2LINM .= SDL	(111)	440	
Structured	DIN Guild rail mounting base	130 (110) 102 DIN Guild rail mounting base	130 109 101 101 DIN Guild rail mounting base
RN HPR IIInmination	(1.45)	(159.44)	155 155 156 157 158 158 158 158 158 158 158 158 158 158
DML j	55 \	92 65 4-M3(The hole can be used	92 64
DML LFR 3DM 2DM 2DM 2DM 2DM 2DM 2DM 2DM 2DM 2DM 2	\ \delta 4-M3(The hole can be used to installation after 4 PCS	to installation after 4 PCS	4-M3(The hole can be used
3DM ⊞ ≡ s	support arm teared down)	support arm teared down)	to installation after 4 PCS support arm teared down)
LFX 8			
FPQ op	4.LTS-2APC24120-8		5.LTS-2APC24200-1
			109
DL 3BRH 60 2BRS 2BRS	138 220	<u> </u>	130 101
2BRS		● 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	mounting base
2BRM B			
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3CON 5	180		
COXB E			100.240V.S009Fts
3COX COPA HSL OC ASL OC			92 64
COPA ::			4-M3(The hole can be used
2SL O	6.LTS-2APC24400-1/2		to installation after 4 PCS support arm teared down)
SL			
OMNN Multi-angle illumination			⊗
Mett	110 01		
			(1) / 1 JD (1) / 1 JD (1) (2) (2) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4
2FTR 9	ACCORD SONS POWER CH2 OUTPUT CH2		⊛
2FT/	4-M3(The hole can be used	280	
2FTB/ 2FTR CO FTC 2FT/ 3FT 2PFT/ 3PFT BB	to installation after 4 PCS 150	310	
2PFT/ 8 3PFT 6	support arm teared down)	(327.61)	
T T T Waterproof illumination			
Mat HI			
N N N N N N N N N N N N N N N N N N N			
violet			