

CONTROLLER OF LED PIXEL STRIP

USER MANUAL



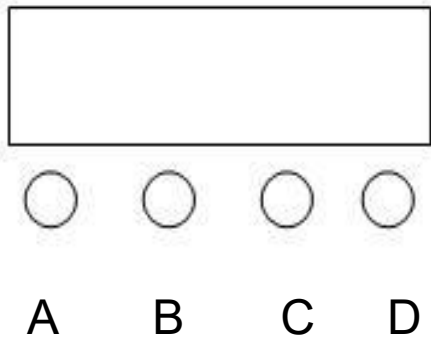
Please read this before you use this device

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CONTROLLER OF LED PIXEL STRIP USER MANUAL

1. Schematics Section



- A. Menu
- B. Enter
- C. Up
- D. Down

Operating Instructions: Press function key A to exit the current menu, press B key to confirm, press C or D key to modify its parameter value or enter the next level menu.

2. LED display Functional chart (All the functions are according to the selected and then press the B to enter.)

No.	Display	Functional Specification
1	DMX address	1-512
2	DMX mode	CH7/CH16/CH48/CH82/CH480 optional
3	Auto mode	Speed: 1-9
		Program: 1-30
4	Slave mode	YES/NO
5	Network settings	IP address: 0.0.0.0. - 255.255.255.255
		Subnet mask: 0.0.0.0. - 255.255.255.255

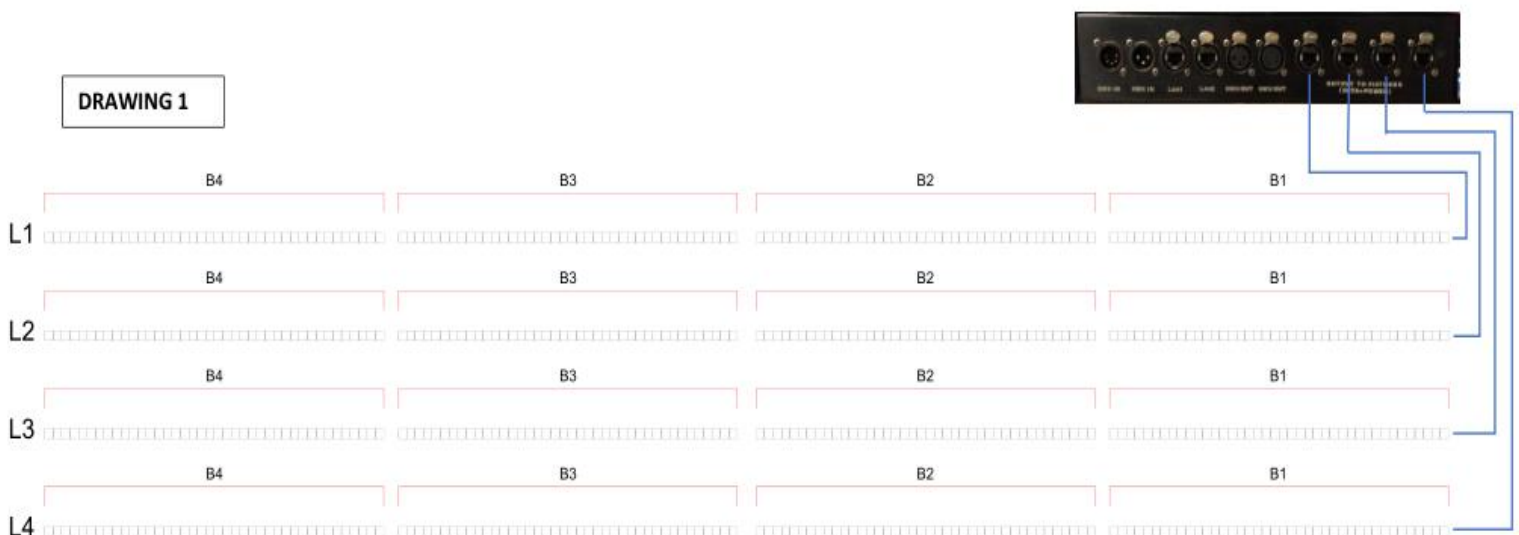
		Net subnet unive: 000.00.00 - 255.15.15
6	Length	1M-4M
7	System reset	Reset
8	Software version	PIXELSTRIP V1.0

3. DMX512 Channels description

a. 7 Channels show

Channel	Values	Description
CH1	000-255	Master dimmer
CH2	000-255	Strobe from slow to fast
CH3	000-255	Red (all the bars)
CH4	000-255	Green (all the bars)
CH5	000-255	Blue (all the bars)
CH6	000-255	Auto programs from 1 to 30
CH7	000-255	Auto programs speed

b. Drawing 1



c. 16 Channels show

Channel	Values	Description
CH1	000-255	Master dimmer
CH2	000-255	Strobe from slow to fast
CH3	000-255	Red: B1L1 + B1L2 + B1L3 + B1L4
CH4	000-255	Green: B1L1 + B1L2 + B1L3 + B1L4
CH5	000-255	Blue: B1L1 + B1L2 + B1L3 + B1L4
CH6	000-255	Red: B2L1 + B2L2 + B2L3 + B2L4
CH7	000-255	Green: B2L1 + B2L2 + B2L3 + B2L4
CH8	000-255	Blue: B2L1 + B2L2 + B2L3 + B2L4
CH9	000-255	Red: B3L1 + B3L2 + B3L3 + B3L4
CH10	000-255	Green: B3L1 + B3L2 + B3L3 + B3L4
CH11	000-255	Blue: B3L1 + B3L2 + B3L3 + B3L4
CH12	000-255	Red: B4L1 + B4L2 + B4L3 + B4L4
CH13	000-255	Green: B4L1 + B4L2 + B4L3 + B4L4
CH14	000-255	Blue: B4L1 + B4L2 + B4L3 + B4L4
CH15	000-255	Auto programs from 1 to 30
CH16	000-255	Auto programs speed

d. 48 Channels show

Channel	Values	Description
CH1	000-255	Red: B1L1
CH2	000-255	Green: B1L1
CH3	000-255	Blue: B1L1
CH4	000-255	Red: B2L1
CH5	000-255	Green: B2L1
CH6	000-255	Blue: B2L1

CH7	000-255	Red: B3L1
CH8	000-255	Green: B3L1
CH9	000-255	Blue: B3L1
CH10	000-255	Red: B4L1
CH11	000-255	Green: B4L1
CH12	000-255	Blue: B4L1
CH13	000-255	Red: B1L2
CH14	000-255	Green: B1L2
CH15	000-255	Blue: B1L2
CH16	000-255	Red: B2L2
CH17	000-255	Green: B2L2
CH18	000-255	Blue: B2L2
CH19	000-255	Red: B3L2
CH20	000-255	Green: B3L2
CH21	000-255	Blue: B3L2
CH22	000-255	Red: B4L2
CH23	000-255	Green: B4L2
CH24	000-255	Blue: B4L2
CH25	000-255	Red: B1L3
CH26	000-255	Green: B1L3
CH27	000-255	Blue: B1L3
CH28	000-255	Red: B2L3
CH29	000-255	Green: B2L3
CH30	000-255	Blue: B2L3
CH31	000-255	Red: B3L3
CH32	000-255	Green: B3L3
CH33	000-255	Blue: B3L3
CH34	000-255	Red: B4L3
CH35	000-255	Green: B4L3
CH36	000-255	Blue: B4L3
CH37	000-255	Red: B1L4
CH38	000-255	Green: B1L4
CH39	000-255	Blue: B1L4

CH40	000-255	Red: B2L4
CH41	000-255	Green: B2L4
CH42	000-255	Blue: B2L4
CH43	000-255	Red: B3L4
CH44	000-255	Green: B3L4
CH45	000-255	Blue: B3L4
CH46	000-255	Red: B4L4
CH47	000-255	Green: B4L4
CH48	000-255	Blue: B4L4

e. 82 Channels show

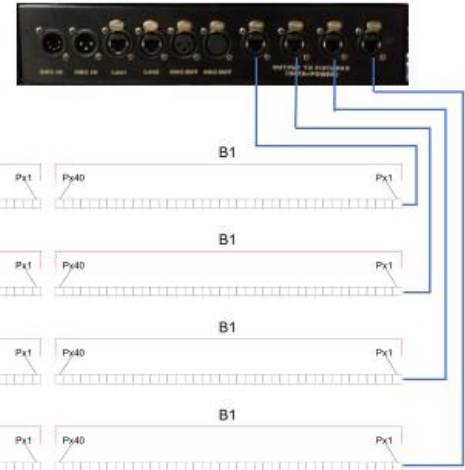
Channel	Values	Description
CH1	000-255	Master dimmer B1L1
CH2	000-255	Strobe from slow to fast B1L1
CH3	000-255	Red: B1L1
CH4	000-255	Green: B1L1
CH5	000-255	Blue: B1L1
CH6	000-255	Master dimmer B2L1
CH7	000-255	Strobe from slow to fast B2L1
CH8	000-255	Red: B2L1
CH9	000-255	Green: B2L1
CH10	000-255	Blue: B2L1
CH11	000-255	Master dimmer B3L1
CH12	000-255	Strobe from slow to fast B3L1
CH13	000-255	Red: B3L1
CH14	000-255	Green: B3L1
CH15	000-255	Blue: B3L1
CH16	000-255	Master dimmer B4L1
CH17	000-255	Strobe from slow to fast B4L1
CH18	000-255	Red: B4L1

CH19	000-255	Green: B4L1
CH20	000-255	Blue: B4L1
CH21	000-255	Master dimmer B1L2
CH22	000-255	Strobe from slow to fast B1L2
CH23	000-255	Red: B1L2
CH24	000-255	Green: B1L2
CH25	000-255	Blue: B1L2
CH26	000-255	Master dimmer B1L2
CH27	000-255	Strobe from slow to fast B1L2
CH28	000-255	Red: B2L2
CH29	000-255	Green: B2L2
CH30	000-255	Blue: B2L2
CH31	000-255	Master dimmer B3L2
CH32	000-255	Strobe from slow to fast B3L2
CH33	000-255	Red: B3L2
CH34	000-255	Green: B3L2
CH35	000-255	Blue: B3L2
CH36	000-255	Master dimmer B4L2
CH37	000-255	Strobe from slow to fast B4L2
CH38	000-255	Red: B4L2
CH39	000-255	Green: B4L2
CH40	000-255	Blue: B4L2
CH41	000-255	Master dimmer B1L3
CH42	000-255	Strobe from slow to fast B1L3
CH43	000-255	Red: B1L3
CH44	000-255	Green: B1L3
CH45	000-255	Blue: B1L3
CH46	000-255	Master dimmer B2L3
CH47	000-255	Strobe from slow to fast B2L3
CH48	000-255	Red: B2L3
CH49	000-255	Green: B2L3
CH50	000-255	Blue: B2L3
CH51	000-255	Master dimmer B3L3

CH52	000-255	Strobe from slow to fast B3L3
CH53	000-255	Red: B3L3
CH54	000-255	Green: B3L3
CH55	000-255	Blue: B3L3
CH56	000-255	Master dimmer B4L3
CH57	000-255	Strobe from slow to fast B4L3
CH58	000-255	Red: B4L3
CH59	000-255	Green: B4L3
CH60	000-255	Blue: B4L3
CH61	000-255	Master dimmer B1L4
CH62	000-255	Strobe from slow to fast B1L4
CH63	000-255	Red: B1L4
CH64	000-255	Green: B1L4
CH65	000-255	Blue: B1L4
CH66	000-255	Master dimmer B2L4
CH67	000-255	Strobe from slow to fast B2L4
CH68	000-255	Red: B2L4
CH69	000-255	Green: B2L4
CH70	000-255	Blue: B2L4
CH71	000-255	Master dimmer B3L4
CH72	000-255	Strobe from slow to fast B3L4
CH73	000-255	Red: B3L4
CH74	000-255	Green: B3L4
CH75	000-255	Blue: B3L4
CH76	000-255	Master dimmer B4L4
CH77	000-255	Strobe from slow to fast B4L4
CH78	000-255	Red: B4L4
CH79	000-255	Green: B4L4
CH80	000-255	Blue: B4L4
CH81	000-255	Auto programs from 1 to 30
CH82	000-255	Auto programs speed

f. Drawing 2

DRAWING 2



g. 480 Channels show

Channel	Values	Description
CH1	000-255	Red: Px1B1L1 + Px1B1L2 + Px1B1L3 + Px1B1L4
CH2	000-255	Green: Px1B1L1 + Px1B1L2 + Px1B1L3 + Px1B1L4
CH3	000-255	Blue: Px1B1L1 + Px1B1L2 + Px1B1L3 + Px1B1L4
CH4	000-255	Red: Px2B1L1 + Px2B1L2 + Px2B1L3 + Px2B1L4
CH5	000-255	Green: Px2B1L1 + Px2B1L2 + Px2B1L3 + Px2B1L4
CH6	000-255	Blue: Px2B1L1 + Px2B1L2 + Px2B1L3 + Px2B1L4
...
CH118	000-255	Red: Px40B1L1 + Px40B1L2 + Px40B1L3 + Px40B1L4
CH119	000-255	Green: Px40B1L1 + Px40B1L2 + Px40B1L3 + Px40B1L4
CH120	000-255	Blue: Px40B1L1 + Px40B1L2 + Px40B1L3 + Px40B1L4
CH121	000-255	Red: Px1B2L1 + Px1B2L2 + Px1B2L3 + Px1B2L4
CH122	000-255	Green: Px1B2L1 + Px1B2L2 + Px1B2L3 + Px1B2L4
CH123	000-255	Blue: Px1B2L1 + Px1B2L2 + Px1B2L3 + Px1B2L4
CH124	000-255	Red: Px2B2L1 + Px2B2L2 + Px2B2L3 + Px2B2L4
CH125	000-255	Green: Px2B2L1 + Px2B2L2 + Px2B2L3 + Px2B2L4
CH126	000-255	Blue: Px2B2L1 + Px2B2L2 + Px2B2L3 + Px2B2L4

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CH238	000-255	Red: Px40B2L1 + Px40B2L2 + Px40B2L3 + Px40B2L4
CH239	000-255	Green: Px40B2L1 + Px40B2L2 + Px40B2L3 + Px40B2L4
CH240	000-255	Blue: Px40B2L1 + Px40B2L2 + Px40B2L3 + Px40B2L4
CH241	000-255	Red: Px1B3L1 + Px1B3L2 + Px1B3L3 + Px1B3L4
CH242	000-255	Green: Px1B3L1 + Px1B3L2 + Px1B3L3 + Px1B3L4
CH243	000-255	Blue: Px1B3L1 + Px1B3L2 + Px1B3L3 + Px1B3L4
CH244	000-255	Red: Px2B3L1 + Px2B3L2 + Px2B3L3 + Px2B3L4
CH245	000-255	Green: Px2B3L1 + Px2B3L2 + Px2B3L3 + Px2B3L4
CH246	000-255	Blue: Px2B3L1 + Px2B3L2 + Px2B3L3 + Px2B3L4
...
CH358	000-255	Red: Px40B3L1 + Px40B3L2 + Px40B3L3 + Px40B3L4
CH359	000-255	Green: Px40B3L1 + Px40B3L2 + Px40B3L3 + Px40B3L4
CH360	000-255	Blue: Px40B3L1 + Px40B3L2 + Px40B3L3 + Px40B3L4
CH361	000-255	Red: Px1B4L1 + Px1B4L2 + Px1B4L3 + Px1B4L4
CH362	000-255	Green: Px1B4L1 + Px1B4L2 + Px1B4L3 + Px1B4L4
CH363	000-255	Blue: Px1B4L1 + Px1B4L2 + Px1B4L3 + Px1B4L4
CH364	000-255	Red: Px2B4L1 + Px2B4L2 + Px2B4L3 + Px2B4L4
CH365	000-255	Green: Px2B4L1 + Px2B4L2 + Px2B4L3 + Px2B4L4
CH366	000-255	Blue: Px2B4L1 + Px2B4L2 + Px2B4L3 + Px2B4L4
...
CH478	000-255	Red: Px40B4L1 + Px40B4L2 + Px40B4L3 + Px40B4L4
CH479	000-255	Green: Px40B4L1 + Px40B4L2 + Px40B4L3 + Px40B4L4
CH480	000-255	Blue: Px40B4L1 + Px40B4L2 + Px40B4L3 + Px40B4L4