



Tube Lux M series Operation Manual

————— Software Version 1.51 —————



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1. Product Characteristics:

①**Professional Film Tube, Driving Creativity:** Comes with a soft light surface for soft light without a soft light accessory. Can hide light, a linear light like a mirror, providing infinite possibilities for creation. CCT: 2,700K-10,000K, Wide CCT, Switch Freely. G/M Balance: $\pm 100\%$ Adjustment-Calibrate Set Lighting. Stepless Dimming: 0-100%, Smooth & Accurate CRI 95, TLCI 95, Color Mixing Technology 0%-100% dimmable; CRI/TLCI ≥ 95 high color rendering.

②**RGBWW Lighting Effect, The Atmosphere King:** HUE+SAT color mode, Unimaginable 36,000 colors, RGBWY(parametric dimming), 16 million colors. The APP built-in 600+ electronic colored papers, no need to carry colored papers. Freely change brightness without brightness loss.

③**Special Effect Mode:** With a variety of built-in special effects, you can easily create various atmospheres and lighting effects without a console Storm, Paparazzi, Short circuit, Police light, Flame, Rainbow.

④**Pixel Control, Exploring the fun of imagination:** Built-in Pixel Effect for more creativity. Rainbow flowing, One-way streamer, Round-trip streamer, Double streamer, Music 1, Music 2, Random color, Random streamer, Starlight, Mode2, Stack, Color jump, Color streamer.

⑤**Multiple control modes:** Control Mode: Single tube control / master-slave / remote control / APP / console / computer (madrix software). Rich and flexible control methods bring high creative freedom Pixel-level control, unlimited control experience, and bring creativity into reality.

⑥**Built-in battery, Anytime, anywhere, wonderful performance:** Powered by AC adapter in available configuration. It can also be powered by the built-in lithium battery when there is no power supply. Up to 2-3 hours of battery life, easy to solve outdoor shooting.

⑦**Various Dimming Curves:** Linear curve: smooth and even proportional brightness adjustment. Exponential curve: can be finely adjusted in low-light areas, with cameras with increasing sensitivity. Alignment curve: simulate the dimming curve of the lamp, finely adjust in the strong light area.

⑧**Intuitive and easy APP interface design:** Light grouping, scene presets, dynamic settings. Wireless programming via APP, wireless LumenRadio or wired DMX, making it flexible to meet your setup requirements. In the APP, you can write pipelines to remember complex scenes, repeatedly and quickly create groups of lights and assign positions to them. Attached DMX/RDM technology to support wireless upgrade of equipment.

2. Product Details:

2.1 Product Control Part



Item	T16M	T32M	T64M
Color	RGBWW		
Power	16W	32W	64W
Lumen	900LM	1800 LM	2890LM
Lux	210lux @1m	330lux@1m	410lux@1m
CRI	≥95		
Frequency	0-300HZ		
Angle	120° (Field of view180 °)		
Quantity	8 Pixels	16 Pixels	32 Pixels
Battery life	After 300 cycles the remaining 70%		
Battery running time	Up to 20 hours (maximum power 2.5 hours)		
LEDLifetime	10000 Hours		
Charging time	3Hours	4Hours	5Hours
Input Voltage	5V-20V		
Wireless module	2.4GHZ		
Range	300M/330YDS		
Wired DMX	Yes		
CRMX Receiver	Built-in		
Support protocols	CRMX/G3/G4S		
Shell material	PC / Aluminum alloy		
IP Rating	IP42		
Relative humidity	0-100%		
Operating temperature	0-40°C		
Lamp weight	0.43KG	0.9KG	1.55KG
Size (mm)	38.5*550	38.5*1200	38.5*2400
Environment	Indoor /Outdoor		

channels occupied by the configuration table) (the meaning of each channel of the configuration table). ②Control mode:OFF, DMX512 Transmit, DMX512 Receive, 2.4G Transmit (Number of Devices, ID, Current Channel) , 2.4G Receive (Status, Domain, Connected to host, ID, Current Channel), CRMX Classic (Status, ID), APP (WIFI, Password, Number of devices, Domain, ID Current Channel).
 ③Number: 1, 0-255 for APP use;④Curve: logarithmic, linear, exponential, none;
 ⑤Language: CN for Chinese, EN for English; ⑥Screen brightness: 0-100%;
 ⑦Status light: ON, Off; ⑧Reset: Restore the configuration to factory settings;
 ⑨About: Software Information; Usage time.

3. Examples of connection methods:

(1) Lamp A (Host 2.4G transmitting) ----Lamp B (Slave 2.4G receiving)

(3)Mobile phone (WIFI) ----Remote controller (APP) ----Lamp (Slave 2.4G)

(4)Mobile phone (WIFI) ----- Lamp (APP)

(5)Mobile phone (WIFI) ----- Lamp A (APP) ----- Lamp B (Slave 2.4G)

(7)Console (WIFI) ----- Remote controller (APP)----- Lamp (slave 2.4G)

(8)Console (WIFI) ----- Lamp A (APP) ---- Lamp B (Slave 2.4G)

(9)Lamp A (DMX512 transmit)----Lamp B(DMX512 receiver)Wired connection

(10)Console (wired connection) ----- Lamp (DMX512 receive)

Lamp Batch Operation Instructions:

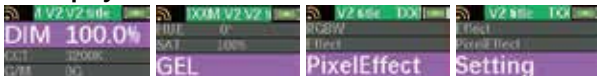
- A phone can only connect to one remote control (APP).
- Recommend a lamp (APP) connected to less than 64 slave lamps.
- Prerequisite for lamp batch operation:All lamps that have been successfully connected with the remote control can be operated.
- Configuration table: Can be modified to a unified configuration table.
- Automatic DMX address: According to the modified configuration table, such as modified to configuration table for 1, if there are 10 lamps, i.e. DMX address, the address is assigned as 1/17/33/49/65/81/97/113/129/145.
- Working mode: Uniformly modify the working mode, such as from 2.4G uniformly modified to APP, and then to modify from APP to 2.4G, need to manually modify each lamp.
- All Disconnect: All the lamps connected with this remote control are disconnected, if you want to control again, you need to re-pair.
- Reset all: It means the lamps connected with this remote control are reset uniformly.
- Turn off all: All lamps connected with this remote control are turned off .

4. Technical parameters:

- ① ON/OFF ② Pairing button ③ Indicator light ④ Display
⑤ Control button ⑥ USB Type-c connector

- ① ON/OFF: Long press to turn on or turn off ;
② Pairing button: Long press to cancel pairing, short press for pairing ;
③ Indicator light: Green means slave (flashing means no DMX signal,always on means with DMX signal), Blue means master, Red means it is charging ;
④ Display: The status of tube ;
⑤ Control button: "+" Up, "-" Down, "√" Confirm or Return ;
⑥ USB Type-C connector: The charging interface DC5V/9V/12V /20V;also the wired DMX signal interface (demand converter) .

2.2 Display interface



Top left Icon:

① Signal icon: No signal:



With signal:



② Control mode icon: CRMX Classic:



APP:



2.4G Transmit:



2.4G Receiver:



DMX512 Transmit:



DMX512 Receiver:



Top Right Icon : ① Fast charging icon:



② Slow charging icon (Charge power less than 10W):



③ General power icon:



④ Overheat icon (>60°C) :  Wait for cooling down before using.

(1) BRI :0-100%, Unit 1%;

(2) CCT: 2,700-10,000K, Unit 100K ;

(4) HUE: HUE 0°-359°,Unit 1° ;

(3) G/M:100M-0G-100G, Unit 1 G/M ;

(5) SAT : Saturation 0-100%,Unit 1% ;

(6) GEL: Fixed color, brightness adjustment , 1700K-2000K-2700K-3200K-5600K Red-Green-Blue-Magenta ;

(7) RGBW: R-G-B-W(6000K)-Y(2700K) ;

(8) Normal effects: Brightness, Speed, Color (Default, Custom, Random, Rainbow), Continue/Pause , Strobe, Paparazzi , Shortout, Cop car1, Cop car2 , Fire, Rainbow, breathe;

(9) Pixel effects: brightness, speed, color (default, custom, random, rainbow), continue/pause,Rainbow,meteor1, meteor2, meteor3, music1, music2, random, random2, random3, stars, CopCar3, CopCar4, mode2, pile up, pile up2;

(10) Setting: ①DMX: DMX address (1-512), pixel group (the tube is divided into several pixel control),configuration table (1-11) , number of channels (the number of

Precautions

- Please read the manual carefully and understand all the contents before using
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- Please keep away from corrosive chemicals and liquids to avoid mechanical damage.
- When not using the product, please cut off the power and put away the power cord.
- Tidy up the power cord when using to avoid tripping and causing power disconnection or product damage.
- Do not disassemble the product by yourself, otherwise the warranty will be void. If the product is faulty, please refer it to an authorized technician for inspection or repair.
- Drop, external impact may cause product failure, man-made damage is not in the scope of our warranty.
- We have the final right to interpret the product. Product design and specifications are subject to change without notice.

After-sales service

①Sincerely thank you for choosing this product, as our users, you will be provided after-sales service: from the date of purchase, product quality problems free warranty within one year, lifelong maintenance only charge material costs.

②During the warranty period, due to the product's own failure, the company will provide you with free repair services, please do not disassemble the machine to repair yourself. Customers who exceed the warranty period still enjoy the quality after-sales service provided by our company.

③The following cases do not belong to free warranty service: man-made damage; disassembly, modification, repair without authorization; damage caused by external reasons (lightning, power supply, etc.); damage caused by incorrect installation or use by the user; damage to any wear-and-tear type accessories attached to the product; Out of warranty.

Product Warranty Card

User Name			
Address			
Contact Number			
Purchase Address			
Purchase Price			
Product Weight		Sales Order Number	
Name And Specification		Machine Number	
Dealer Signature		User Signature	

CERTIFICATE OF CONFORMITY

Product name: Wireless Pixel Tube

Product Model : _____

Quality level: Qualified Products

Inspector: _____

Date of shipment: _____

In order to maintain your legitimate rights and interests are not infringed, if you have any questions, please contact the after-sales customer service.

Please keep some cards (certificate of conformity) properly, this card will be your proof of enjoying our high quality service.

Wireless Pixel Tube Configuration Table

Profile 1			
Channel	DMX Value	Function	Percent
1	0-255	Brightness(0~100%)	0-100
2	0-255	CCT(2700K~10000K)	0-100
3	G/M (-100 ~ +100)		
	0-20	0G	0-8
	21-33	100M	9-13
	34-134	99 M~ 1M	14-53
	135-145	0G	54-57
	146-244	1G~99G	58-96
	245-255	100G	97-100
4-5	0-255	HUE(0 ~359°)	0-100
6	0-255	SAT(0~100%)	0-100
7	GEL		
	0-20	None	0-8
	21-25	1700K	9-10
	26-30	2000K	11-12
	31-35	2700K	13-14
	36-40	3200K	15-16
	41-45	5600K	17-18
	46-50	Red(Hue 0°)	19-20
	51-55	Green(Hue 120°)	21-22
	56-60	Blue(Hue 240°)	23-24
	61-65	Magenta(Hue 340°)	25-26
	66-70	Yellow(Hue 30°)	27-28
	71-75	Orange(Hue 170°)	29-30
	76-255	Reserved	31-100
8	Effect		
	0-20	OFF	0-8

Wireless Pixel Tube Configuration Table

Profile 1 (continuation)			
Channel	DMX Value	Function	Percent
9	21-255	0-100%	9-100
10	Effect color		
	0-20	Default (white)	0-8
	21-50	Random color	9-20
	51-80	Rainbow(0-359°cycle)	21-31
	81-110	Custom(defined by other channels)	32-43
	111-255	Default (white)	44-100
11	0-255	R	0-100
12	0-255	G	0-100
13	0-255	B	0-100
14	0-255	W	0-100
15	0-255	Y	0-100
16	Curve		
	0-15	Linear	0-6
	16-75	Logarithmic	7-31
	76-135	Linear	32-55
	136-195	Exponential	56-79
	196-255	None	80-100

Profile 2			
Channel	DMX Value	Function	Percent
1	0-255	Brightness(0~100%)	0-100
2	0-255	CCT(2700K~10000K)	0-100
3	G/M (-100 ~ +100)		
	0-20	0G	0-8
	21-33	100M	9-13
	34-134	99 M~ 1M	14-53

Wireless Pixel Tube Configuration Table

Profile 2 (continuation)

Channel	DMX Value	Function	Percent
3	135-145	0G	54-57
	146-244	1G~99G	58-96
	245-255	100G	97-100
4	0-255	HUE(0 ~359°)	0-100
5	0-255	SAT(0~100%)	0-100

Profile 3

Channel	DMX Value	Function	Percent
1	0-255	Brightness(0~100%)	0-100
2	0-255	CCT(2700K~10000K)	0-100
3	G/M (-100 ~ +100)		
	0-20	0G	0-8
	21-33	100M	9-13
	34-134	99 M~ 1M	14-53
	135-145	0G	54-57
	146-244	1G~99G	58-96
	245-255	100G	97-100
4	0-255	Cross fade	0-100
5	0-255	R(0-255)	0-100
6	0-255	G(0-255)	0-100
7	0-255	B(0-255)	0-100

Profile 4

Channel	DMX Value	Function	Percent
1	0-255	Brightness(0~100%)	0-100
2	0-255	CCT(2700K~10000K)	0-100
3	0-255	HUE(0 ~359°)	0-100

Wireless Pixel Tube Configuration Table

Profile 4 (continuation)

Channel	DMX Value	Function	Percent
4	0-255	SAT(0~100%)	0-100

Profile 5

Channel	DMX Value	Function	Percent
1	0-255	Brightness (0~100%)	0-100
2	0-255	CCT(2700K~10000K)	0-100
3	0-255	Cross fade(0~100%)	0-100
4	0-255	R	0-100
5	0-255	G	0-100
6	0-255	B	0-100

Profile 6

Channel	DMX Value	Function	Percent
1	0-255	Brightness (0~100%)	0-100
2	0-255	R	0-100
3	0-255	G	0-100
4	0-255	B	0-100

Profile 7

Channel	DMX Value	Function	Percent
1	0-255	Brightness (0~100%)	0-100
2	0-255	R	0-100
3	0-255	G	0-100
4	0-255	B	0-100
5	0-255	W	0-100

Wireless Pixel Tube Configuration Table

Profile 8			
Channel	DMX Value	Function	Percent
1	0-255	Brightness (0~100%)	0-100
2	0-255	R	0-100
3	0-255	G	0-100
4	0-255	B	0-100
5	0-255	Y	0-100
6	0-255	W	0-100

Profile 9			
Channel	DMX Value	Function	Percent
1	0-255	R	0-100
2	0-255	G	0-100
3	0-255	B	0-100

Profile 10			
Channel	DMX Value	Function	Percent
1	0-255	R	0-100
2	0-255	G	0-100
3	0-255	B	0-100
4	0-255	W	0-100

Profile 11			
Channel	DMX Value	Function	Percent
1	0-255	R	0-100
2	0-255	G	0-100
3	0-255	B	0-100
4	0-255	CCT(2700K~10000K)	0-100

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Wireless Pixel Tube Configuration Table

Profile 1 (continuation)			
Channel	DMX Value	Function	Percent
8	21-25	Strobe	9-10
	26-30	Paparazzi	11-12
	31-35	Short-circuit	13-14
	36-40	Cop Car 1	15-16
	41-45	Cop Car 2	17-18
	46-50	Fire	19-20
	51-55	Rainbow	21-22
	56-60	Breath	23-24
	61-65	Pixel rainbow	25-26
	66-70	Meteor 1	27-28
	71-75	Meteor 2	29-30
	76-80	Meteor 3	31-32
	81-85	Music 1	33-34
	86-90	Music 2	35-36
	91-95	Random 1	37-38
	96-100	Random 2	39-40
	101-105	Random 3	41-42
	106-110	Stars	43-44
	111-115	Cop light 3	45-46
	116-120	Cop light 4	47-48
	121-125	Mode 2	49-50
	126-130	Pile up	51-52
	131-135	Pile up 2	53-54
	136-140	Fire	55-56
	141-255	Reserved	57-100
9	Speed		
	0-20	50%	0-8