

# Magic Dot

## User Manual



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## TECHNICAL PARAMETERS

### Light source

Input Voltage: AC100-240V 50/60Hz

Power Supply: 100W

KED: 60W led beam

### Optical

Beam Angle: 4°

### Controls

Control Mode: DMX512/master-slave/sound/auto

DMX Mode: 15/17 CHs

Connection: 3pin Data in/out, Power Con

### Effect

Dimmer: 0-100% linear dimmer

### Construction

Pan/Tilt:unlimited rotation

### Weight&Dimension

Dimensions: 242x139x308mm

Net Weight: 3.5kg

Gross Weight :4.0kgs

Carton packaging: 27x26x37cm, 5.25kg(1in1)

61x37x31, 12.5kg(2in1)

56x54x39cm, 23kg(4in1)

Flycase packaging:110x51x49cm,70kg(8in1)

137x51x49cm,81kg(10in1)

### Product Features

New Mini Beam Moving Head with features as below :

◎4 degree narrow beam angle, strong beam effects.

◎Pan/Tilt infinite rotation.

◎only 3.5kgs, light and fast speed.

◎High power Original Osram 1\*60W RGBW 4-in-1 COB led.

◎Noiseless

◎Lightweight and compact new design.

◎application: club, disco, wedding part, multiple-function hall, Banquet hall, ect.

Thanks for using our products. To ensure your safety, reliable & long-time using, it is strongly recommended that reading this manual instruction before your using.

### **Safety Introduction**

- This lamp should have good ground connection since it belongs to I Grade protective equipment, professional operator is required for power connection.
- Be sure the voltage is not higher or lower than the manual instructions' rating.
- Be sure the power line is in good condition, no damage.
- It must be power-off while does not use the lamp or before cleaning it.
- Only permitted plug connects with the power line, please take care of the power line while pull out the plug.

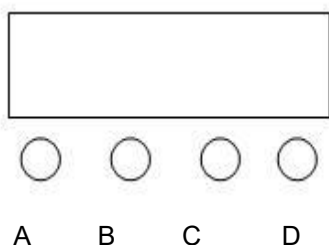
### **Attention**

- Taking care of the operation while installing, avoiding to touch the exposed power line, otherwise, it will result terrible electric shock.
- Do not looks straight ahead of the lamp, or your eyes will get injured.
- The lamp should far away from children and non-professional operation.

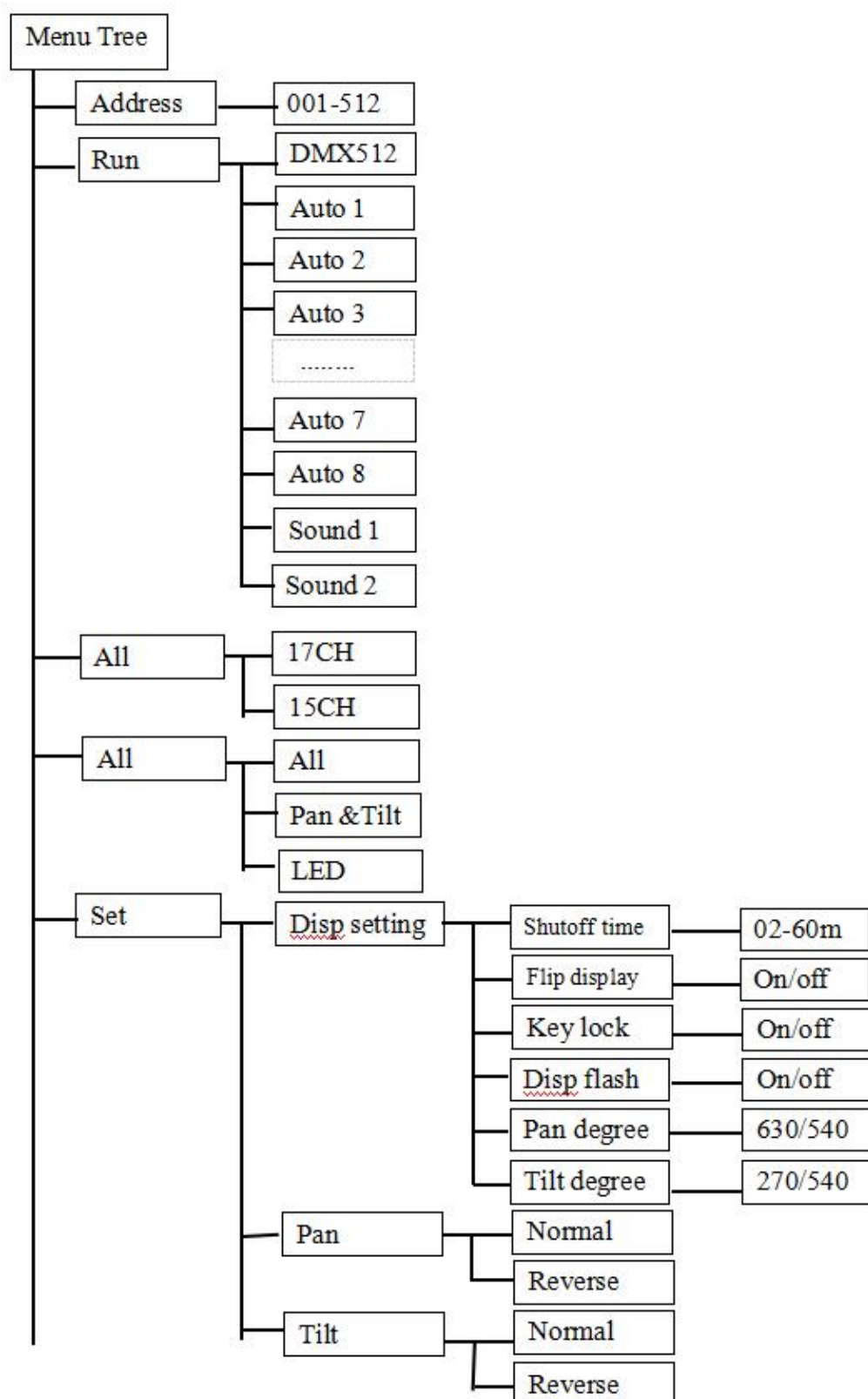
### **Operation Stipulation**

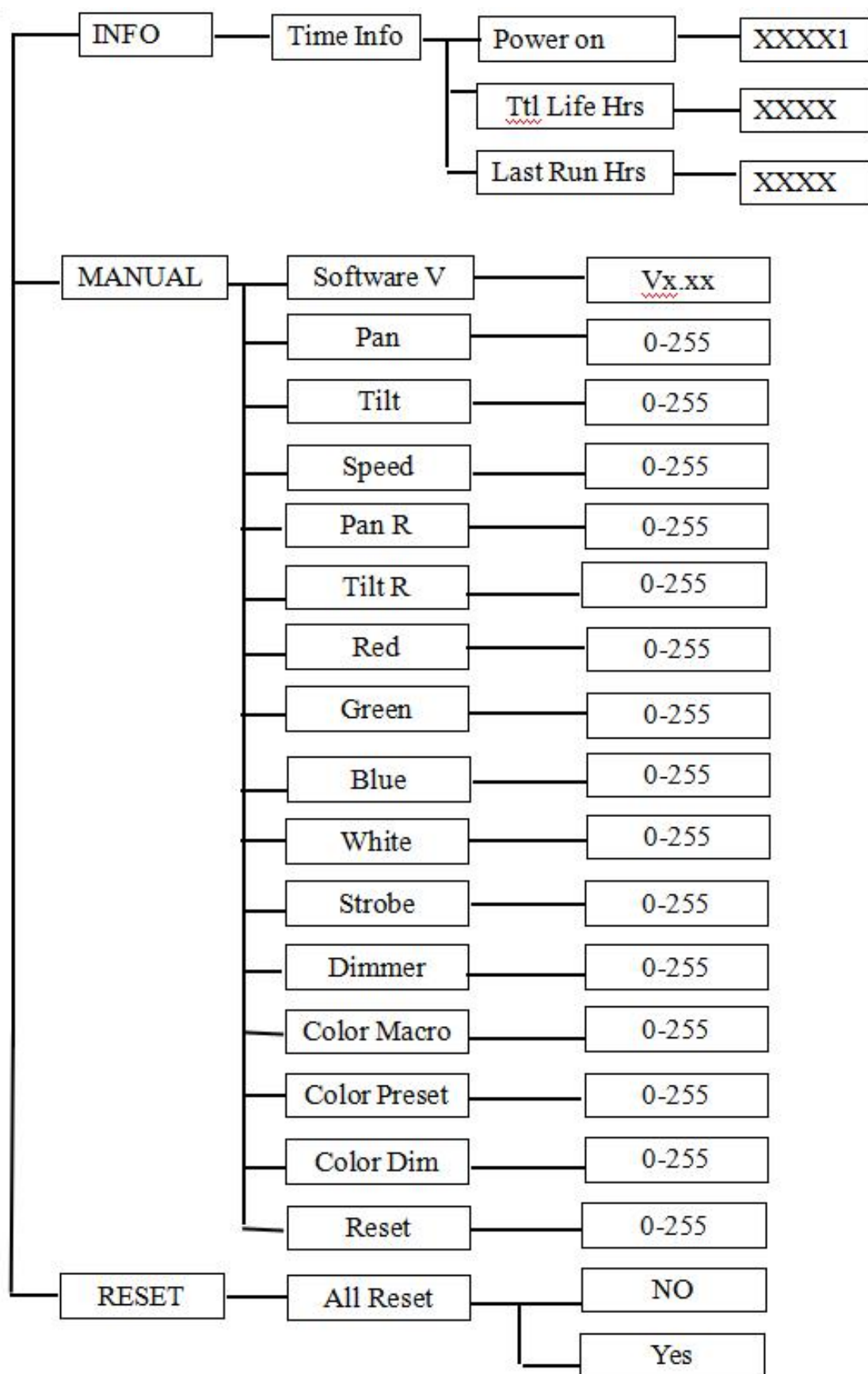
- Please pay attention to the installation, and do not swing the lamp while using it .
- Please be sure the lamp is under right place (no too hot or damp), before installing it, 0.5m distance above needed between the lamp and the object illuminated.
- Please use appropriate and safe power line to connect the lamp.
- Please be sure to familiar with the lamp function before operating, since damage mainly due to improper operation, thus professional operation is needed for operation.
- Please use original package while transportation.
- Please do not modify the lamp, any un-authorized or un-professional operation is not guaranteed by the factory, any breakdown and damage, the factory has no obligation for maintenance.

## **Operation Instruction**



- A. FUN
- B. UP
- C. DOWN
- D. ENTER





## DMX512 Channels

DMX Channel'S functions and their values(17 DMX CHANNELS)			
Mode/Channel		Value	Function
17CH	15CH		
1	1		<b>AN Movement 8bit</b>
		0-255	Pan Movement
2			<b>Pan Fine 16bit</b>
		0-255	Fine control of Pan Movement
3	2		<b>TILT Movement 8bit</b>
		0-255	Tilt Movement
4			<b>Tilt Fine 16bit</b>
		0-255	Fine control of Tilt Movement
5	3		<b>Speed Pan/Tilt movement</b>
		0-225	max to min speed
		226-235	Blackout by movement
		236-255	No function
6	4		<b>Pan Motor continuous rotation</b>
		0-127	no function
		128-189	Forwards Pan rotation from fast to slow
		128-189	No rotation
		194-255	Backwards Pan rotation from slow to fast
7	5		<b>Tilt Motor continuous rotation</b>
		0-127	No function
		128-189	Forwards Tilt rotation from fast to slow
		190-193	No rotation
		194-255	Backwards Tilt rotation from slow to fast
8	6		<b>Red LED</b>
		0-255	Red(0-Black, 255-100% Red)
9	7		<b>Green LED</b>
		0-255	Green (0-Black, 255-100% Green)
10	8		<b>Blue LED</b>
		0-255	Blue (0-Black, 255-100% Blue)
11	9		<b>White LED</b>
		0-255	White (0-Black, 255-100% White)
12	10		<b>Shutter, Strobe</b>
		0-31	Led turn off
		32-63	Led turn on
		64-95	Strobe effect slow to fast
		96-127	Led turn on

		128-159	Pulse-effect in sequences
		160-191	Led turn on
		192-223	Random strobe effect slow to fast
		224-255	Led turn on
13	11		<b>Dimmer intensity</b>
		0-255	Intensity 0 to 100%
14	12		<b>Color Macro</b>
		0-7	No function
		8-39	From RED to YELLOW
		40-71	from YELLOW to GREEN
		72-103	from GREEN to CYAN
		104-135	from CYAN to BLUE
		136-167	from BLUE to MAGENTA
		168-199	from MAGENTA to RED
		200-231	from RED to WHITE
		232-255	Cross fading colors from slow to fast
15	13		<b>Color Presets</b>
		0-4	No function
		5-9	White2700k
		10-14	White3200k
		15-19	White4300k
		20-24	White5600k
		25-29	White6500k
		30-34	White8000k
		35-39	Yellow
		40-44	Magenta
		45-49	Cyan
		50-54	Salmon
		55-59	Turquoise
		60-64	Light Green
		65-69	Steel Blue
		70-74	Orange
		75-79	Straw
		80-84	Pale Lavander
		85-89	Pink
		90-94	Red
		95-99	Green
		100-104	Blue
		105-109	Natural White
		110-255	Reserved
16	14		<b>Color Presets Dimmer</b>

		<b>0-255</b>	Dimmer 100 to 0%
17	15		<b>Reset ,internal Auto</b>
		0-79	Normal
		80-84	All motor reset
		85-99	No function
		100-119	Internal Auto1
		120-139	Internal Auto2
		140-159	Internal Auto3
		180-199	Internal Auto4
		180-199	Internal Auto5
		200-219	Internal Auto6
		220-239	Internal Auto7
		240-255	Internal Auto8

## REMARK

The product has perfect performance and integrity packing.

All users should be strictly comply with the warning and operating instructions as stated.

Or we aren 't in charge of any result by misusing.

Any damage resulting by misuse is not within the Company 's warranty.

Any fault or problem caused by neglecting the manual is also not in the charge of dealers.

Errors and omissions for every information given in this manual excepted.

All information is subject to change without prior notice.