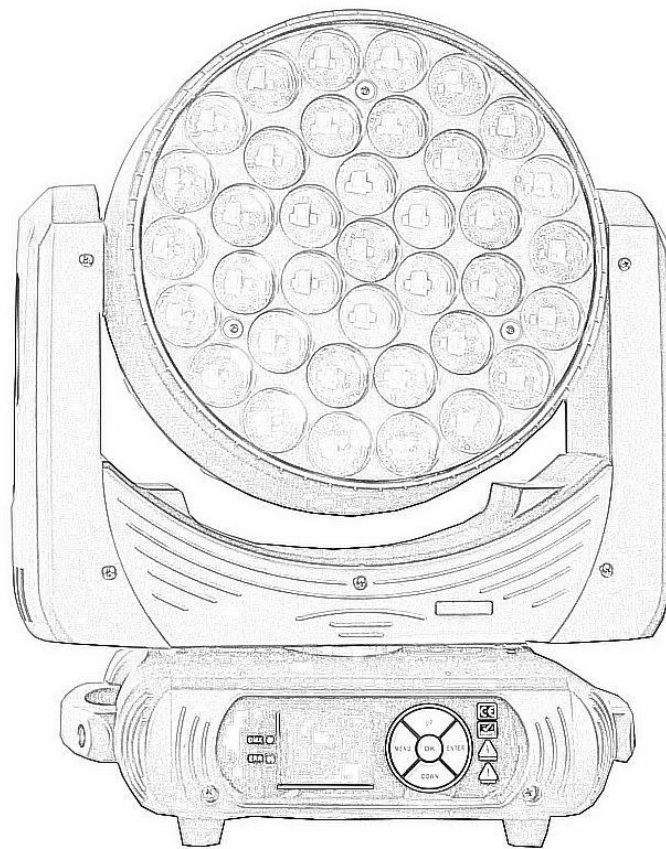


# LED BEAM & WASH MOVING HEAD 37



## 1. Product Specifications

Voltage: AC90-240v, 50-60Hz

Power consumption: 550W Max.

Light source: 37pcs 15w 4in1 LEDs

DMX Channel: 48CH/24CH/36CH

Control Mode: DMX512/Master-slave/Sound/Auto

Movement: Pan 540 degrees Tilt 270 degrees

Strobe: 1-25 times/sec or random

Display : LCD display

## 2. LCD Display Setting

### 2.1 DMX Setting

This function is used to set the DMX address and channel modes, press "Enter" to get into setting window, press "UP" or "DOWN" to increase or reduce value, then press "Enter" again to save and exit. It has two optional channel modes: 48CH/24CH/36CH

### 2.2 Run Mode Setting

This function is used to set working mode. Press "Enter" to get into the setting window and press "UP" or "DOWN" to select the working modes as "DMX512", "Slow" and "Fast", "Sound" and "Manual", select one of them and pressing "Enter" to save and exit.

DMX512: Controller operation mode.

Slow: Slow-speed auto-run mode

Fast: Fast-speed auto-run mode

Sound: Sound activated auto-run mode

Manual: Manual mode (Slave)

### 2.3 PAN/Tilt Invert Setting

This function is for reversing the directly of Pan and Tilt, press "Enter" to get into the setting window, press "UP" or "DOWN" to choose from "YES" and "NO" to select the direction, press "Enter" to save and exit.

### 2.4 Display Setting

This function is to switch the backlight of LCD display panel, as well as invert words and switch English/Chinese language. Press "Enter" to enter into setting window. Press "UP" or "DOWN" to select. Choose "YES" to keep backlight always on, or it'll turn off automatically after 20 seconds without an operation. After that, press "Enter" to save and exit.

### 2.5 Manual Setting

This function is used to set parameters. It's only valid when run mode is set as Manual Mode. Then, press "Enter" to save and exit.

Manual Setting Menu	Function
PAN	Pan position
PANMICO	Pan fine
TILT	Tilt position
TILTMICO	Tilt fine
ZOOM	Zoom
DIM	Master dimmer
STROBE	Strobe
DIM_R	red dimmer
DIM_G	green dimmer
DIM_B	blue dimmer
DIM_W	white dimmer

### 2.6 Sound Sence

This function is to adjust the sensitivity of sound active mode. Press "Enter" to get into setting window, press "UP" and

"DOWN" to adjust the sensitivity from 0 to 100. Then press "Enter" to save and exit.

## 2.7 System Setting

System information

The Version: V1

PAN Reset:Normal/Wrong

TILT Reset: Normal/Wrong

Default Settings: Restore factory setting

Code Setting: Password(DOWN DOWN UP UP)

The above password is required for checking and setting X/Y Fine and White Balance.

Setting Menu	Function
PAN_INIT	Pan fine
TILT_INIT	Tilt fine
SET_R	Red current
SET_G	Green current
SET_B	Blue current
SET_W	White current

## 2.8 Reset

Press "ENTER" to confirm the "RESET" function, the device will be reset after 3 seconds.

48CH	FUNCTION	DMX	REMARK
1	Pan	0-255	0~540°
2	Pan fine	0-255	16bit
3	Tilt	0-255	0~270°
4	Tilt fine	0-255	16bit
5	Pan tilt speed	0-255	Fast to slow
6	Zoom	0-255	
7	Dimmer	0-255	0 - 100%
8	Strobe	0-9	Invalid
		10-154	Slow to fast (1HZ~25HZ)
		155-204	Random strobe
		205-255	Thunder strobe
9	LED1 R	0-255	
10	LED1 G	0-255	
11	LED1 B	0-255	
12	LED1 W	0-255	
13	LED2 R	0-255	
14	LED2 G	0-255	
15	LED2 B	0-255	
16	LED2 W	0-255	
●	●	●	●
●	●	●	●
●	●	●	●
29	LED6 R	0-255	
30	LED6 G	0-255	
31	LED6 B	0-255	
32	LED6 W	0-255	
33	LED7 R	0-255	
34	LED7 G	0-255	
35	LED7 B	0-255	

36	LED7 W	0-255	
37	Prior 5: COT	0-9	Invalid
		10-255	10000K-2500K
38	Prior 4: Colors	0-9	Invalid
		10-19	Color 1
		20-29	2
		30-39	3
		40-49	4
		50-59	5
		60-69	6
		70-79	7
		80-89	8
		90-99	9
		100-109	10
		110-119	11
		120-129	12
		130-139	13
		140-149	14
		150-159	15
		160-169	16
		170-179	17
		180-189	18
		190-199	19
200-209	20		
		210-224	Colors jump
		225-239	Colors pulse
		240-255	Colors fade
39	Prior 3: static pattern	0-9	Invalid
		10-19	Pattern 1
		20-29	2
		30-39	3
		40-49	4
		50-59	5
		60-69	6
		70-79	7
		80-89	8
		90-99	9
		100-109	10
		110-119	11
		120-129	12
		130-139	13
		140-149	14
		150-159	15
		160-169	16
		170-179	17
		180-189	18
		190-199	19
200-209	20		

		210-255	Patterns flow
40	Prior 2: Dynamic pattern	0-9	Invalid
		10-255	Each 12 DMX, 20 patterns
41	Back R	0-255	For ch39 ch40
42	Back G	0-255	
43	Back B	0-255	
44	Back W	0-255	
45	Macros direction	0-127	Dynamic positive
		128-255	Dynamic negative
46	Macro speed	0-255	Fast to slow
47	Prior 1: functions	0-9	invalid
		10-99	Auto 1
		100-199	Auto 2
		200-255	Sound activation
48	Reset	0-239	Invalid
		240-250	Reset ,hold on for 3s.
		251-255	Invalid

24CH	FUNCTION	DMX	REMARK
1	Pan	0-255	0~540
2	Pan fine	0-255	16bit
3	Tilt	0-255	0~270
4	Tilt fine	0-255	16bit
5	Pan tilt speed	0-255	Fast to slow
6	Zoom	0-255	
7	Dimmer	0-255	
8	Strobe	0-9	Invalid
		10-154	Slow to fast (1HZ~25HZ)
		155-204	Random strobe
		205-255	Thunder strobe
9	Red	0-255	
10	Green	0-255	
11	Blue	0-255	
12	White	0-255	
13	Prior 5: COT	0-9	Invalid
		10-255	10000K-2500K
14	Prior 4: Colors	0-9	Invalid
		10-19	Color 1
		20-29	2
		30-39	3
		40-49	4
		50-59	5
		60-69	6
		70-79	7
		80-89	8
		90-99	9
		100-109	10
		110-119	11

		120-129	12
		130-139	13
		140-149	14
		150-159	15
		160-169	16
		170-179	17
		180-189	18
		190-199	19
		200-209	20
		210-224	Colors jump
		225-239	Colors pulse
		240-255	Colors fade
15	Prior 3: static patterns	0-9	Invalid
		10-19	Pattern 1
		20-29	2
		30-39	3
		40-49	4
		50-59	5
		60-69	6
		70-79	7
		80-89	8
		90-99	9
		100-109	10
		110-119	11
		120-129	12
		130-139	13
		140-149	14
		150-159	15
		160-169	16
		170-179	17
		180-189	18
190-199	19		
200-209	20		
		210-255	Patterns flow
16	Prior 2: Dynamic pattern	0-9	Invalid
		10-255	Each DMX 12, 20 patterns
17	Back R	0-255	For ch15, ch16
18	Back G	0-255	
19	Back B	0-255	
20	Back W	0-255	
21	Macro direction	0-127	Positive
		128-255	Negative
22	Macro speed	0-255	Dynamic fast to slow
23	Prior 1: Function	0-9	Invalid
		10-99	Auto 1
		100-199	Auto 2
		200-255	Sound activation
24	Reset	0-239	Invalid

		240-250	Reset ,hold on for 3s。
		251-255	Invalid

36CH	FUNCTION	DMX	REMARK
1	Pan	0-255	0~540
2	Pan fine	0-255	16bit
3	Tilt	0-255	0~270
4	Tilt fine	0-255	16bit
5	Pan tilt speed	0-255	Fast to slow
6	Zoom	0-255	
7	Dimmer	0-255	
8	Strobe	0-9	Invalid
		10-154	Slow to fast (1HZ~25HZ)
		155-204	Random strobe
		205-255	Thunder strobe
9	LED1 R	0-255	
10	LED1 G	0-255	
11	LED1 B	0-255	
12	LED1 W	0-255	
13	LED2 R	0-255	
14	LED2 G	0-255	
15	LED2 B	0-255	
16	LED2 W	0-255	
17	LED3 R	0-255	
18	LED3 G	0-255	
19	LED3 B	0-255	
20	LED3 W	0-255	
21	LED4 R	0-255	
22	LED4 G	0-255	
23	LED4 B	0-255	
24	LED4 W	0-255	
25	Prior 5: COT	0-9	Invalid
		10-255	10000K-2500K
26	Prior 4: Colors	0-9	Invalid
		10-19	Color 1
		20-29	2
		30-39	3
		40-49	4
		50-59	5
		60-69	6
		70-79	7
		80-89	8
		90-99	9
		100-109	10
		110-119	11
		120-129	12
		130-139	13
140-149	14		

		150-159	15
		160-169	16
		170-179	17
		180-189	18
		190-199	19
		200-209	20
		210-224	Colors jump
		225-239	Colors pulse
		240-255	Colors fade
27	Prior 3: static patterns	0-9	Invalid
		10-19	Pattern 1
		20-29	2
		30-39	3
		40-49	4
		50-59	5
		60-69	6
		70-79	7
		80-89	8
		90-99	9
		100-109	10
		110-119	11
		120-129	12
		130-139	13
		140-149	14
		150-159	15
		160-169	16
		170-179	17
		180-189	18
190-199	19		
200-209	20		
210-255	Patterns flow		
28	Prior 2: Dynamic pattern	0-9	Invalid
		10-255	Each DMX 12, 20 macros
29	Back R	0-255	
30	Back G	0-255	
31	Back B	0-255	
32	Back W	0-255	For ch 27 and ch28
33	Macro direction	0-127	positive
		128-255	Negative
34	Macro speed	0-255	Fast to slow
35	Prior 1: function	0-9	Invalid
		10-99	Auto 1
		100-199	Auto 2
		200-255	Sound activation
36	Reset	0-239	Invalid
		240-250	Reset ,hold on for 3s.
		251-255	Invalid