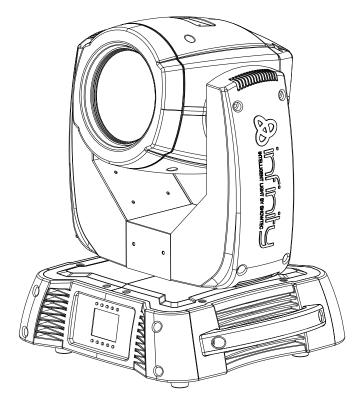
Ordercode 41530

IB-5R MOVING BEAM



USER MANUAL

.16.

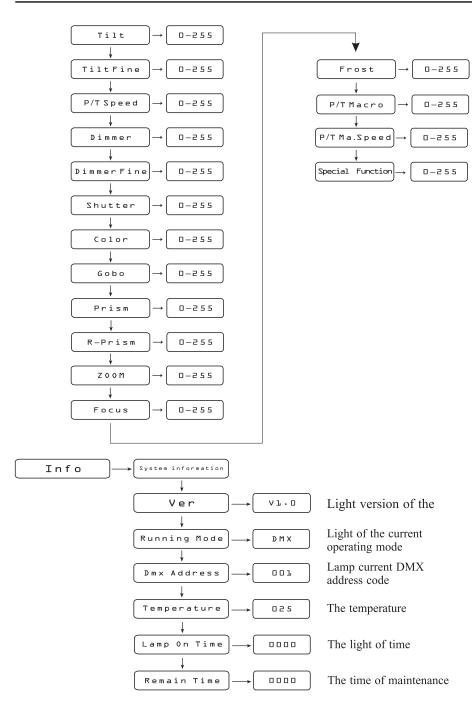


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Maintenance

- 1. Please keep the light in dryness and avoiding use in wet place.
- 2. Using intermittently can be extended the life.
- 3. Attention to clean the fan and lens usually in order to get the ventilating effects and lighting effects better.
- 4. Please do not wipe the crust using organic menstruum for avoid to damage the product.

Statement

The product has well capability and intact packing when leave factory. All of the user should comply with above warning item and manual, any misuse cause of the damages are not included in our guarantee, and also can not be responsible for any malfunction & problem owing to ignore the manual.

Please forgive that we will not be notice for technical change.

Attention Item

- 1. For guarantee the life of product, please don't put it on the wet place and also not use it in the place over 40 degree.
- 2. Please don't lay the product on the unfixable or shakable place.
- 3. Ask for the professional to maintain the product in order to avoid the danger of get an electric shock.
- 4. Power supply should not be changed over $\pm 10\%$ while the light is using, it will be decreased the life of lamp if the power is too high, but it will be influenced the luminosity if the power is too low.
- 5. Please look round the manual for ensure the product can be used normally.

Product introduction

Power supply: AC100-240V, 60/50Hz

Power consumption: 385W

Light source: Osram Sirius HRI 230W

Control: 18 or 15, channels

Color wheel: 14 colors + whit, spilt colors, rainbow effect

Gobo wheel: 17 interchangeable indexed rotating rotating gobos + whit,

slot-n-lockgobo, ainbow effect, gobo shake

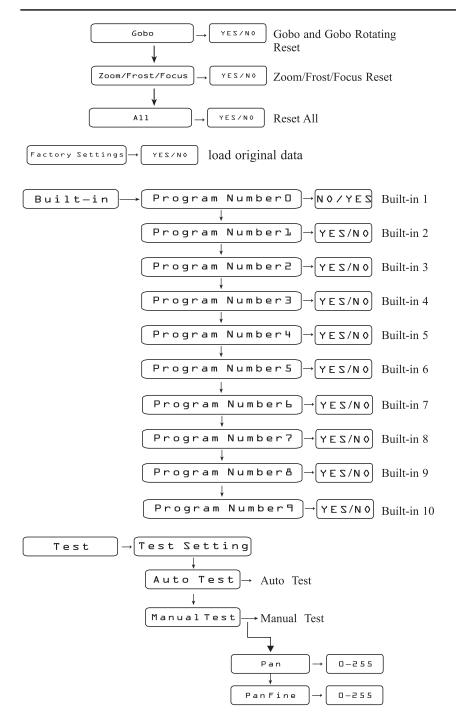
Effect wheel: 8-facet prism (adjustable rotating speed and direction)

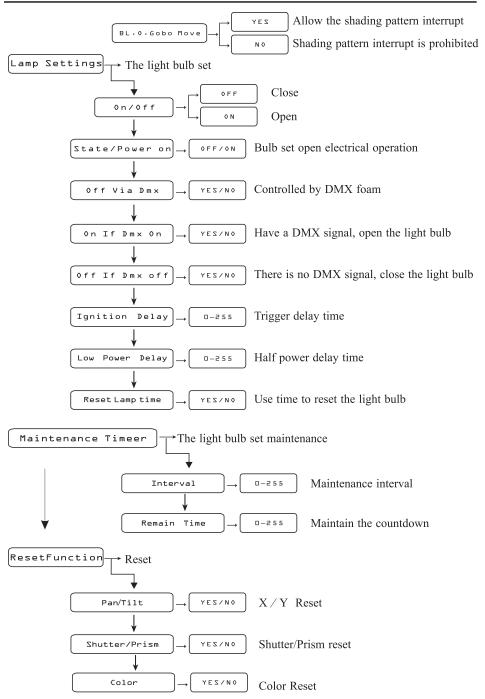
Shutter: 0-20Hz

Dimmer: Variable electronic dimmer (0~100%)

Focus: Variable motorized focus Maximum PAN-movement: 540 Maximum TILT-movement: 270

Master/Slave ativated by sound at pre-programmed function.



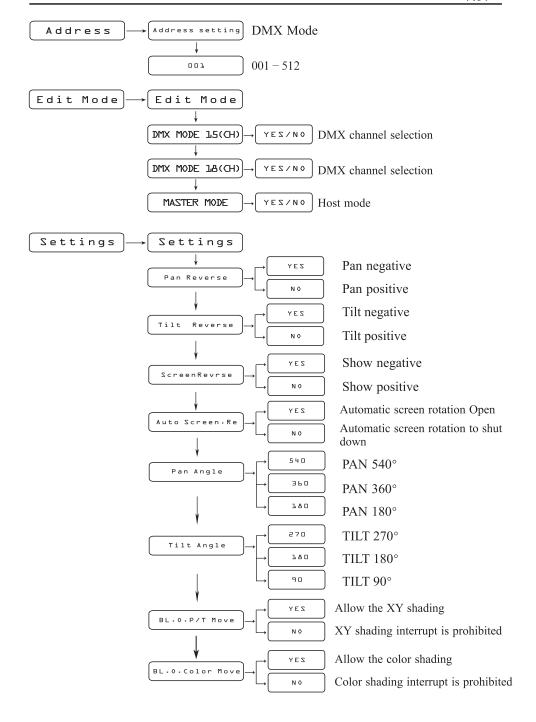


18 Control Channel

Accept DMX512 control channel, detail as follow:

Channel	DMX-value	Feature				
1 PAN	0~255	540°				
2 TILT	0~255	270°				
3 PAN 16bit	0~255	16bit spinner				
4 TILT 16bit	0~255	16bit spinner				
5 Speed	0~255	Controllable speed with decreasing				
6 Dimmer	0~255	0~100% mechanic dimmer				
7 Dimmer 16Bit	0~255	16bit spinner				
	0~7	No function				
	8~15	Open				
	16~131	With frequency flash, from slow to fast				
8 Shutter	132~167	Fast shut slowly open, from slow to fast				
8 Shutter	168~203	Slow close quick opening, from slow to fast				
	204~239	Pulse strobes, from slow to fast				
	240~247	Random stroboscopic, from slow to fast				
	248~255	Open				
	0~4	White				
	5~8	Reg				
	9~12	Deep Yellow				
	13~16	Turquoise				
	17~20	Green				
	21~24	Kelly				
	25~28	Light Blue Purple				
0.61	29~32	Prunosus				
9 Colour wheel	33~36	Light Yellow				
wheel	37~40	Rose Red				
	41~44	Blue				
	45~48	Claybank				
	49~52	Brown				
	53~56	Cool Color				
	57~60	Fluorescence				
	61~127	Color/half color position				
	128~189	Positive rainbow effect, from fast to slow				

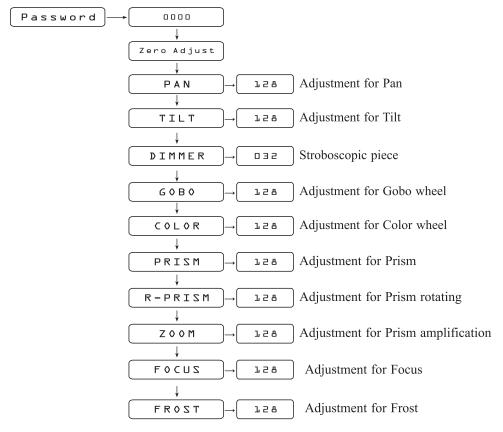
Channel	DMX-value	Feature					
9 Colour	190~193	Stop					
wheel	194~255	Negative ra	Negative rainbow effect, from slow to fast				
		o	0	0	\bigcirc		
	0~3	4~6	7~9	10~12	13~15		
	0			3			
	16~18	19~21	22~24	25~27	28~30		
		X			8		
	31~33	34~36	37~39	40~42	43~45		
10 Gobo wheel	46~48	49~51	52~55				
	56~59	White	xe, from slow	to foot			
	60~63 64~67		ce, from slow				
	68~71		ke, from slow				
	72~75		ke, from slow				
76~79 Gobo 5 shake, from slow to fast							
	80~83 Gobo 6 shake, from slow to fast						
	84~87 Gobo 7 shake, from slow to fast						
	88~91	Gobo 8 shak	e, from slow	to fast			
	92~95	Gobo 9 shak	e, from slow	to fast			
	96~99	Gobo 10 sha	ike, from slov	v to fast			
	100~103	Gobo 11 sha	ıke, from slov	v to fast			
	104~107	Gobo 12 shake, from slow to fast					



Control Board

Password channel

Service Function. Prees <MODE / ESE> at least 10 Second, press <up> <DOWN> bottons, enter the password 2323 and goes into the item.



Press the <up> <DOWN> button repeatedly until you reach the desired adjustment, Press the <ENTER> button to confirmed. Confirmed. It will auto exit after 10 seconds.

When the ground temperature resistance problem, the screen will have the following tips:

Open circuit: Thermistor Open A short circuit: Thermistor Short Overheating: Thermistor Hot

108~111 Gobo 13 shake, from slow to fast 112~115 Gobo 14 shake, from slow to fast 116~119 Gobo 15 shake, from slow to fast 120~123 Gobo 16 shake, from slow to fast 124~127 Gobo 17 shake, from slow to fast 128~189 Positive rainbow effect, from fast to slow 190~193 Stop 194~255 Negative rainbow effect, from slow to fast 1 Prism	Channel	DMX-value	Feature
116~119 Gobo 15 shake, from slow to fast 120~123 Gobo 16 shake, from slow to fast 124~127 Gobo 17 shake, from slow to fast 128~189 Positive rainbow effect, from fast to slow 190~193 Stop 194~255 Negative rainbow effect, from slow to fast 12 Prism Core Prism effect 12 Prism Rotating Reverse rotation 12 Prism Enlarge Positive rotation 13 Prism Enlarge Positive rotation 14 Focus O~255 From small to big 14 Focus O~255 Frost effect 15 Frost O~25 Frost effect 16 Channel function 16 Channel function 16 Channel function 100~109 Interrupt disabling 100~109 Interrupt disabling shade 110~119 Design interruption allows 120~129 Interrupt disabling pattern 130~139 Open 140~149 Xy Reset 150~159 Color disk reset 160~169 Gobo disk reset 160~169 Color disk rese		108~111	Gobo 13 shake, from slow to fast
10 Gobo wheel		112~115	Gobo 14 shake, from slow to fast
124~127 Gobo 17 shake, from slow to fast 128~189 Positive rainbow effect , from fast to slow 190~193 Stop 194~255 Negative rainbow effect , from slow to fast 11 Prism O~4 No function 5~255 Prism effect 0~127 Effect of location 12 Prism Rotating 128~189 Reverse rotation , from fast to slow 190~193 Stop 194~255 Positive rotation, from slow to fast 13 Prism Enlarge O~255 From small to big 14 Focus O~255 Motorized focus, zoom out to zoom in 15 Frost O~25 Frost effect 0~29 No function 30~39 Regular dimmer mode 40~49 The linear dimming mode 50~59 Xy Fast mode 60~69 Xy Regular pattern 70~79 Xy Interruption allows 80~89 Xy Interruption allows 100~109 Interrupt disabling shade 110~119 Design interruption allows 120~129 Interrupt disabling pattern 130~139 Open 140~149 Xy Reset 150~159 Color disk reset 160~169 Gobo disk reset		116~119	Gobo 15 shake, from slow to fast
124~127 Gobo 17 shake, from slow to fast 128~189 Positive rainbow effect , from fast to slow 190~193 Stop 194~255 Negative rainbow effect , from slow to fast 11 Prism O~4 No function 5~255 Prism effect 0~127 Effect of location 12 Prism Rotating 128~189 Reverse rotation , from fast to slow 190~193 Stop 194~255 Positive rotation, from slow to fast 13 Prism Enlarge O~255 From small to big 14 Focus O~255 Motorized focus, zoom out to zoom in 15 Frost O~255 Frost effect 0~29 No function 30~39 Regular dimmer mode 40~49 The linear dimming mode 50~59 Xy Fast mode 60~69 Xy Regular pattern 70~79 Xy Interruption allows 80~89 Xy Interrupt disabling 90~99 Color piece of interruption allows 110~119 Design interruption allows 120~129 Interrupt disabling pattern 130~139 Open 140~149 Xy Reset 150~159 Color disk reset 160~169 Gobo disk reset	10 0 1 1 1	120~123	Gobo 16 shake, from slow to fast
190~193 Stop 194~255 Negative rainbow effect , from slow to fast 11 Prism 0~4 No function 5~255 Prism effect 0~127 Effect of location 12 Prism 128~189 Reverse rotation , from fast to slow 190~193 Stop 194~255 Positive rotation, from slow to fast 13 Prism Enlarge 0~255 From small to big 14 Focus 0~255 Motorized focus, zoom out to zoom in 15 Frost 0~255 Frost effect 0~29 No function 30~39 Regular dimmer mode 40~49 The linear dimming mode 50~59 Xy Fast mode 60~69 Xy Regular pattern 70~79 Xy Interruption allows 80~89 Xy Interrupt disabling 90~99 Color piece of interruption allows 100~109 Interrupt disabling shade 110~119 Design interruption allows 120~129 Interrupt disabling pattern 130~139 Open 140~149 Xy Reset 150~159 Color disk reset 160~169 Gobo disk reset	10 Gobo wneel	124~127	Gobo 17 shake, from slow to fast
194~255 Negative rainbow effect ,from slow to fast		128~189	Positive rainbow effect, from fast to slow
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		190~193	Stop
11 Prism12 Prism Rotating $0 \sim 127$ Effect of location12 Prism Rotating $128 \sim 189$ $190 \sim 193$ Reverse rotation, from fast to slow13 Prism Enlarge 14 Focus $0 \sim 255$ $0 \sim 255$ From small to big14 Focus 15 Frost $0 \sim 255$ $0 \sim 255$ Motorized focus, zoom out to zoom in15 Frost $0 \sim 255$ $0 \sim 29$ $0 \sim 29$ 0		194~255	Negative rainbow effect, from slow to fast
	11 Duigue	0~4	No function
12 Prism Rotating $190\sim193$ Stop $194\sim255$ Positive rotation, from slow to fast 13 Prism Enlarge $0\sim255$ From small to big 14 Focus $0\sim255$ Motorized focus, zoom out to zoom in 15 Frost $0\sim255$ Frost effect $0\sim29$ No function $30\sim39$ Regular dimmer mode $40\sim49$ The linear dimming mode $50\sim59$ Xy Fast mode $60\sim69$ Xy Regular pattern $70\sim79$ Xy Interruption allows $80\sim89$ Xy Interrupt disabling $90\sim99$ Color piece of interruption allows $100\sim109$ Interrupt disabling shade $110\sim119$ Design interruption allows $120\sim129$ Interrupt disabling pattern $130\sim139$ Open $140\sim149$ Xy Reset $150\sim159$ Color disk reset $160\sim169$ Gobo disk reset	11 Prism	5~255	
Rotating		0~127	Effect of location
194~255 Positive rotation, from slow to fast 13 Prism Enlarge 0~255 From small to big 14 Focus 0~255 Motorized focus, zoom out to zoom in 15 Frost 0~255 Frost effect 0~29 No function 30~39 Regular dimmer mode 40~49 The linear dimming mode 50~59 Xy Fast mode 60~69 Xy Regular pattern 70~79 Xy Interruption allows 80~89 Xy Interrupt disabling 90~99 Color piece of interruption allows 100~109 Interrupt disabling shade 110~119 Design interruption allows 120~129 Interrupt disabling pattern 130~139 Open 140~149 Xy Reset 150~159 Color disk reset 160~169 Gobo disk reset		128~189	Reverse rotation, from fast to slow
13 Prism Enlarge $0\sim255$ From small to big14 Focus $0\sim255$ Motorized focus, zoom out to zoom in15 Frost $0\sim255$ Frost effect $0\sim29$ No function $30\sim39$ Regular dimmer mode $40\sim49$ The linear dimming mode $50\sim59$ Xy Fast mode $60\sim69$ Xy Regular pattern $70\sim79$ Xy Interruption allows $80\sim89$ Xy Interrupt disabling $90\sim99$ Color piece of interruption allows $100\sim109$ Interrupt disabling shade $110\sim119$ Design interruption allows $120\sim129$ Interrupt disabling pattern $130\sim139$ Open $140\sim149$ Xy Reset $150\sim159$ Color disk reset $160\sim169$ Gobo disk reset	Rotating	190~193	_
14 Focus $0\sim255$ Motorized focus, zoom out to zoom in15 Frost $0\sim29$ No function $30\sim39$ Regular dimmer mode $40\sim49$ The linear dimming mode $50\sim59$ Xy Fast mode $60\sim69$ Xy Regular pattern $70\sim79$ Xy Interruption allows $80\sim89$ Xy Interrupt disabling $90\sim99$ Color piece of interruption allows $100\sim109$ Interrupt disabling shade $110\sim119$ Design interruption allows $120\sim129$ Interrupt disabling pattern $130\sim139$ Open $140\sim149$ Xy Reset $150\sim159$ Color disk reset $160\sim169$ Gobo disk reset			*
15 Frost $0\sim255$ Frost effect $0\sim29$ No function $30\sim39$ Regular dimmer mode $40\sim49$ The linear dimming mode $50\sim59$ Xy Fast mode $60\sim69$ Xy Regular pattern $70\sim79$ Xy Interruption allows $80\sim89$ Xy Interrupt disabling $90\sim99$ Color piece of interruption allows $100\sim109$ Interrupt disabling shade $110\sim119$ Design interruption allows $120\sim129$ Interrupt disabling pattern $130\sim139$ Open $140\sim149$ Xy Reset $150\sim159$ Color disk reset $160\sim169$ Gobo disk reset	13 Prism Enlarge	0~255	
$16 \ \text{Channel function}$ $10^{\circ}29 \qquad \text{No function}$ $30^{\circ}39 \qquad \text{Regular dimmer mode}$ $40^{\circ}49 \qquad \text{The linear dimming mode}$ $50^{\circ}59 \qquad \text{Xy Fast mode}$ $60^{\circ}69 \qquad \text{Xy Regular pattern}$ $70^{\circ}79 \qquad \text{Xy Interruption allows}$ $80^{\circ}89 \qquad \text{Xy Interrupt disabling}$ $90^{\circ}99 \qquad \text{Color piece of interruption allows}$ $100^{\circ}109 \qquad \text{Interrupt disabling shade}$ $110^{\circ}119 \qquad \text{Design interruption allows}$ $120^{\circ}129 \qquad \text{Interrupt disabling pattern}$ $130^{\circ}139 \qquad \text{Open}$ $140^{\circ}149 \qquad \text{Xy Reset}$ $150^{\circ}159 \qquad \text{Color disk reset}$ $160^{\circ}169 \qquad \text{Gobo disk reset}$			Motorized focus, zoom out to zoom in
16 Channel function $16 Channel function$ 10	15 Frost	0~255	Frost effect
$16 \text{ Channel function}$ $100 \sim 109 \text{ Interrupt disabling shade}$ $120 \sim 129 \text{ Interrupt disabling pattern}$ $130 \sim 139 \text{ Open}$ $140 \sim 149 \text{ Xy Reset}$ $150 \sim 159 \text{ Color disk reset}$ $160 \sim 169 \text{ Gobo disk reset}$		0~29	No function
$16 \text{ Channel function}$ $100 \sim 109 \text{ Interrupt disabling shade}$ $110 \sim 119 \text{ Design interruption allows}$ $120 \sim 129 \text{ Interrupt disabling pattern}$ $130 \sim 139 \text{ Open}$ $140 \sim 149 \text{ Xy Reset}$ $150 \sim 159 \text{ Color disk reset}$ $160 \sim 169 \text{ Gobo disk reset}$		30~39	Regular dimmer mode
$16 \text{ Channel function}$ $16 \text{ Channel function}$ $16 \text{ Channel function}$ $16 \text{ Channel function}$ $100 \sim 109 \text{ Interrupt disabling shade}$ $110 \sim 119 \text{ Design interruption allows}$ $120 \sim 129 \text{ Interrupt disabling pattern}$ $130 \sim 139 \text{ Open}$ $140 \sim 149 \text{ Xy Reset}$ $150 \sim 159 \text{ Color disk reset}$ $160 \sim 169 \text{ Gobo disk reset}$		40~49	The linear dimming mode
		50~59	Xy Fast mode
		60~69	Xy Regular pattern
16 Channel function		70~79	Xy Interruption allows
16 Channel function		80~89	Xy Interrupt disabling
function		90~99	Color piece of interruption allows
function	16 Channal	100~109	Interrupt disabling shade
130~139 Open 140~149 Xy Reset 150~159 Color disk reset 160~169 Gobo disk reset		110~119	Design interruption allows
$ \begin{array}{ccc} 140 \sim 149 & \text{Xy Reset} \\ 150 \sim 159 & \text{Color disk reset} \\ 160 \sim 169 & \text{Gobo disk reset} \end{array} $		120~129	Interrupt disabling pattern
150~159 Color disk reset 160~169 Gobo disk reset		130~139	Open
160~169 Gobo disk reset		140~149	Xy Reset
		150~159	Color disk reset
170~179 Shutter / Prism Reset		160~169	Gobo disk reset
170 177 Shatter, Trishi Keset		170~179	Shutter / Prism Reset
180~189 No function		180~189	
190~199 Frost / Focus / Amplification Reset		190~199	Frost / Focus / Amplification Reset

Channel	DMX-value	Feature
	200~209	All reset
	210~219	Allows all interrupt
16 Channel	220~229	All Interrupt disabling
function	230~239	Close
	240~247	XY Smoothing model Open
	248~255	XY Smoothing model to shut down
	0~7	No function
	8~15	Xy built-in1
	16~23	Xy built-in2
	24~31	Xy built-in3
	32~39	Xy built-in4
	40~47	Xy built-in5
	48~55	Xy built-in6
	56~63	Xy built-in7
	64~71	Xy built-in8
	72~79	Xy built-in9
	80~87	Xy built-in10
	88~95	Xy built-in11
	96~103	Xy built-in12
17 Program	104~111	Xy built-in13
built-in	112~119	Xy built-in14
	120~127	Xy built-in15
	128~135	Xy built-in16
	136~143	Xy built-in17
	144~151	Xy built-in18
	152~159	Xy built-in19
	160~167	Xy built-in20
	168~175	Xy built-in21
	176~183	Xy built-in22
	184~191	Xy built-in23
	192~199	Xy built-in24
	200~207	Xy built-in25
	208~215	Xy built-in26
	216~223	Xy built-in27

Channel	DMX-value	Feature
15 Channel function	200~209	All reset
	210~219	Allows all interrupt
	220~229	All Interrupt disabling
	230~239	Close
	240~247	XY Smoothing model Open
	248~255	XY Smoothing model to shut down

108~111 Gobo 13 shake, from slow to fast 112~115 Gobo 14 shake, from slow to fast 116~119 Gobo 15 shake, from slow to fast 120~123 Gobo 16 shake, from slow to fast 124~127 Gobo 17 shake, from slow to fast 128~189 Positive rainbow effect, from fast to slow 190~193 Stop 194~255 Negative rainbow effect, from slow to fast 10 Prism	Channel	DMX-value	Feature	
9 Gobo wheel 116~119 Gobo 15 shake, from slow to fast 120~123 Gobo 16 shake, from slow to fast 124~127 Gobo 17 shake, from slow to fast 128~189 Positive rainbow effect, from fast to slow 190~193 Stop 194~255 Negative rainbow effect, from slow to fast 10 Prism 0~4 No function 5~255 Prism effect 11 Prism 128~189 Reverse rotation, from fast to slow 190~193 Stop 194~255 Positive rotation, from fast to slow 190~193 Stop 194~255 Positive rotation, from slow to fast 12 Prism Enlarge 0~255 From small to big 13 Focus 0~255 Motorized focus, zoom out to zoom in 14 Frost 0~25 Frost effect 0~29 No function 30~39 Regular dimmer mode 40~49 The linear dimming mode 50~59 Xy Fast mode 60~69 Xy Regular pattern 70~79 Xy Interruption allows 80~89 Xy Interruption allows 100~109 Interrupt disabling 100~109 Interrupt disabling shade 110~119 Design interruption allows 120~129 Interrupt disabling pattern 130~139 Open 140~149 Xy Reset 150~159 Color disk reset 160~169 Gobo disk reset 170~179 Shutter / Prism Reset 180~189 No function		108~111	Gobo 13 shake, from slow to fast	
120~123 Gobo 16 shake, from slow to fast 124~127 Gobo 17 shake, from slow to fast 128~189 Positive rainbow effect, from fast to slow 190~193 Stop 194~255 Negative rainbow effect, from slow to fast 10 Prism 0~4 No function 5~255 Prism effect 11 Prism 128~189 Reverse rotation, from fast to slow 190~193 Stop 194~255 Positive rotation, from fast to slow 190~193 Stop 194~255 Positive rotation, from slow to fast 12 Prism Enlarge 0~255 From small to big 13 Focus 0~255 Motorized focus, zoom out to zoom in 14 Frost 0~25 Frost effect 0~29 No function 30~39 Regular dimmer mode 40~49 The linear dimming mode 50~59 Xy Fast mode 60~69 Xy Regular pattern 70~79 Xy Interruption allows 80~89 Xy Interruption allows 100~109 Interrupt disabling 100~109 Interrupt disabling shade 110~119 Design interruption allows 120~129 Interrupt disabling pattern 130~139 Open 140~149 Xy Reset 150~159 Color disk reset 160~169 Gobo disk reset 170~179 Shutter / Prism Reset 180~189 No function		112~115	Gobo 14 shake, from slow to fast	
124~127 Gobo 17 shake, from slow to fast 128~189 Positive rainbow effect, from fast to slow 190~193 Stop 194~255 Negative rainbow effect, from slow to fast 10 Prism 0~4 No function 5~255 Prism effect 0~127 Effect of location 128~189 Reverse rotation, from fast to slow 190~193 Stop 194~255 Positive rotation, from slow to fast 12 Prism Enlarge 0~255 From small to big 13 Focus 0~255 Motorized focus, zoom out to zoom in 14 Frost 0~25 Frost effect 0~29 No function 30~39 Regular dimmer mode 40~49 The linear dimming mode 50~59 Xy Fast mode 60~69 Xy Regular pattern 70~79 Xy Interruption allows 80~89 Xy Interruption allows 100~109 Interrupt disabling 100~109 Interrupt disabling shade 110~119 Design interruption allows 120~129 Interrupt disabling pattern 130~139 Open 140~149 Xy Reset 150~159 Color disk reset 160~169 Gobo disk reset 170~179 Shutter / Prism Reset 180~189 No function		116~119	Gobo 15 shake, from slow to fast	
124-127 Gobo 17 shake, from slow to fast 128-189 Positive rainbow effect, from fast to slow 190-193 Stop 194-255 Negative rainbow effect, from slow to fast 10 Prism 0~4 No function 5~255 Prism effect 0~127 Effect of location 128-189 Reverse rotation, from fast to slow 190~193 Stop 194-255 Positive rotation, from slow to fast 12 Prism Enlarge 0~255 From small to big 13 Focus 0~255 Motorized focus, zoom out to zoom in 14 Frost 0~255 Frost effect 0~29 No function 30~39 Regular dimmer mode 40~49 The linear dimming mode 50~59 Xy Fast mode 60~69 Xy Regular pattern 70~79 Xy Interruption allows 80~89 Xy Interrupt disabling 90~99 Color piece of interruption allows 10~119 Design interruption allows 10~119 Design interruption allows 10~129 Interrupt disabling pattern 130~139 Open 140~149 Xy Reset 150~159 Color disk reset 160~169 Gobo disk reset 170~179 Shutter / Prism Reset 180~189 No function	O C also sulso al	120~123	Gobo 16 shake, from slow to fast	
190~193 Stop 194~255 Negative rainbow effect ,from slow to fast 10 Prism 0~4 No function 5~255 Prism effect 11 Prism 128~189 Reverse rotation , from fast to slow 190~193 Stop 194~255 Positive rotation, from slow to fast 12 Prism Enlarge 0~255 From small to big 13 Focus 0~255 Motorized focus, zoom out to zoom in 14 Frost 0~255 Frost effect 0~29 No function 30~39 Regular dimmer mode 40~49 The linear dimming mode 50~59 Xy Fast mode 60~69 Xy Regular pattern 70~79 Xy Interruption allows 80~89 Xy Interrupt disabling 90~90 Color piece of interruption allows 100~109 Interrupt disabling shade 110~119 Design interruption allows 120~129 Interrupt disabling pattern 130~139 Open 140~149 Xy Reset 150~159 Color disk reset 160~169 Gobo disk reset 170~179 Shutter / Prism Reset 180~189 No function	9 Gobo wheel	124~127	Gobo 17 shake, from slow to fast	
10 Prism		128~189	Positive rainbow effect, from fast to slow	
10 Prism		190~193	Stop	
10 Prism 5~255 Prism effect		194~255	Negative rainbow effect, from slow to fast	
11 Prism Rotating 128~189 Reverse rotation from fast to slow 190~193 Stop 194~255 Positive rotation, from slow to fast 12 Prism Enlarge 0~255 From small to big 13 Focus 0~255 Motorized focus, zoom out to zoom in 14 Frost 0~255 Frost effect 0~29 No function 30~39 Regular dimmer mode 40~49 The linear dimming mode 50~59 Xy Fast mode 60~69 Xy Regular pattern 70~79 Xy Interruption allows 80~89 Xy Interruption allows 80~89 Xy Interruption allows 100~109 Interrupt disabling 90~99 Color piece of interruption allows 100~109 Interrupt disabling shade 110~119 Design interruption allows 120~129 Interrupt disabling pattern 130~139 Open 140~149 Xy Reset 150~159 Color disk reset 160~169 Gobo disk reset 170~179 Shutter / Prism Reset 180~189 No function	10 Priam	0~4	No function	
11 Prism Rotating	10 Prisiii	5~255		
Rotating $190 \sim 193$ Stop $194 \sim 255$ Positive rotation, from slow to fast 12 Prism Enlarge $0 \sim 255$ From small to big 13 Focus $0 \sim 255$ Motorized focus, zoom out to zoom in 14 Frost $0 \sim 255$ Frost effect $0 \sim 29$ No function $30 \sim 39$ Regular dimmer mode $40 \sim 49$ The linear dimming mode $50 \sim 59$ Xy Fast mode $60 \sim 69$ Xy Regular pattern $70 \sim 79$ Xy Interruption allows $80 \sim 89$ Xy Interruption allows $80 \sim 89$ Xy Interrupt disabling $90 \sim 99$ Color piece of interruption allows $100 \sim 109$ Interrupt disabling shade $110 \sim 119$ Design interruption allows $120 \sim 129$ Interrupt disabling pattern $130 \sim 139$ Open $140 \sim 149$ Xy Reset $150 \sim 159$ Color disk reset $160 \sim 169$ Gobo disk reset $170 \sim 179$ Shutter / Prism Reset $180 \sim 189$ No function		0~127	Effect of location	
194~255 Positive rotation, from slow to fast		128~189	Reverse rotation, from fast to slow	
12 Prism Enlarge $0 \sim 255$ From small to big13 Focus $0 \sim 255$ Motorized focus, zoom out to zoom in14 Frost $0 \sim 255$ Frost effect $0 \sim 29$ No function $30 \sim 39$ Regular dimmer mode $40 \sim 49$ The linear dimming mode $50 \sim 59$ Xy Fast mode $60 \sim 69$ Xy Regular pattern $70 \sim 79$ Xy Interruption allows $80 \sim 89$ Xy Interrupt disabling $90 \sim 99$ Color piece of interruption allows $100 \sim 109$ Interrupt disabling shade $110 \sim 119$ Design interruption allows $120 \sim 129$ Interrupt disabling pattern $130 \sim 139$ Open $140 \sim 149$ Xy Reset $150 \sim 159$ Color disk reset $160 \sim 169$ Gobo disk reset $170 \sim 179$ Shutter / Prism Reset $180 \sim 189$ No function	Rotating	190~193	Stop	
13 Focus $0\sim255$ Motorized focus, zoom out to zoom in14 Frost $0\sim25$ Frost effect $0\sim29$ No function $30\sim39$ Regular dimmer mode $40\sim49$ The linear dimming mode $50\sim59$ Xy Fast mode $60\sim69$ Xy Regular pattern $70\sim79$ Xy Interruption allows $80\sim89$ Xy Interrupt disabling $90\sim99$ Color piece of interruption allows $100\sim109$ Interrupt disabling shade $110\sim119$ Design interruption allows $120\sim129$ Interrupt disabling pattern $130\sim139$ Open $140\sim149$ Xy Reset $150\sim159$ Color disk reset $160\sim169$ Gobo disk reset $170\sim179$ Shutter / Prism Reset $180\sim189$ No function			·	
14 Frost 0~255 Frost effect	12 Prism Enlarge	0~255	From small to big	
$15 \ \text{Channel function} \\ 10^{\sim}29 \qquad \text{No function} \\ 30^{\sim}39 \qquad \text{Regular dimmer mode} \\ 40^{\sim}49 \qquad \text{The linear dimming mode} \\ 50^{\sim}59 \qquad \text{Xy Fast mode} \\ 60^{\sim}69 \qquad \text{Xy Regular pattern} \\ 70^{\sim}79 \qquad \text{Xy Interruption allows} \\ 80^{\sim}89 \qquad \text{Xy Interrupt disabling} \\ 90^{\sim}99 \qquad \text{Color piece of interruption allows} \\ 100^{\sim}109 \qquad \text{Interrupt disabling shade} \\ 110^{\sim}119 \qquad \text{Design interruption allows} \\ 120^{\sim}129 \qquad \text{Interrupt disabling pattern} \\ 130^{\sim}139 \qquad \text{Open} \\ 140^{\sim}149 \qquad \text{Xy Reset} \\ 150^{\sim}159 \qquad \text{Color disk reset} \\ 160^{\sim}169 \qquad \text{Gobo disk reset} \\ 160^{\sim}169 \qquad \text{Gobo disk reset} \\ 180^{\sim}189 \qquad \text{No function} \\ \\ \hline$			Motorized focus, zoom out to zoom in	
$15 \text{ Channel function}$ $15 \text{ Channel function}$ $16 \text{ Channel function}$ $16 \text{ Channel function}$ $170 \text{ Color piece of interruption allows}$ $180 \text{ Color piece of interruption allows}$ $100 \text{ Color piece of interruption allows}$ $110 \text{ Color piece of interruption allows}$ $120 \text{ Color piece of interruption allows}$ $130 \text$	14 Frost	0~255	Frost effect	
15 Channel function $15 Channel function$ $15 Channel function$ $16 Channel function$ $16 Channel function$ $17 Channel function$ $18 Channel function$ $19 Color piece of interruption allows$ $100 Color piece of interruption allows$ $110 Color piece of interruption allows$ $120 Color piece of interruption allows$ $130 Color piece$		0~29	No function	
		30~39	Regular dimmer mode	
$15 \text{ Channel function}$ $15 \text{ Channel function}$ $160^{\circ}69 \qquad \text{Xy Regular pattern}$ $10^{\circ}79 \qquad \text{Xy Interrupt disabling}$ $90^{\circ}99 \qquad \text{Color piece of interruption allows}$ $100^{\circ}109 \qquad \text{Interrupt disabling shade}$ $110^{\circ}119 \qquad \text{Design interruption allows}$ $120^{\circ}129 \qquad \text{Interrupt disabling pattern}$ $130^{\circ}139 \qquad \text{Open}$ $140^{\circ}149 \qquad \text{Xy Reset}$ $150^{\circ}159 \qquad \text{Color disk reset}$ $150^{\circ}159 \qquad \text{Gobo disk reset}$ $160^{\circ}169 \qquad \text{Gobo disk reset}$ $170^{\circ}179 \qquad \text{Shutter / Prism Reset}$ $180^{\circ}189 \qquad \text{No function}$		40~49	The linear dimming mode	
		50~59	Xy Fast mode	
$15 \text{ Channel function} \\ 15 \text{ Channel function} \\ 100 \sim 109 \\ 1100 \sim 109 \\ 11000 \sim 109 \\ 1$			Xy Regular pattern	
15 Channel function $100 \sim 109$ Color piece of interruption allows $100 \sim 109$ Interrupt disabling shade $110 \sim 119$ Design interruption allows $120 \sim 129$ Interrupt disabling pattern $130 \sim 139$ Open $140 \sim 149$ Xy Reset $150 \sim 159$ Color disk reset $160 \sim 169$ Gobo disk reset $170 \sim 179$ Shutter / Prism Reset $180 \sim 189$ No function		70~79	Xy Interruption allows	
15 Channel function		80~89	Xy Interrupt disabling	
function		90~99	Color piece of interruption allows	
function	15 Channal	100~109	Interrupt disabling shade	
130~139 Open 140~149 Xy Reset 150~159 Color disk reset 160~169 Gobo disk reset 170~179 Shutter / Prism Reset 180~189 No function		110~119	Design interruption allows	
140~149 Xy Reset 150~159 Color disk reset 160~169 Gobo disk reset 170~179 Shutter / Prism Reset 180~189 No function		120~129	Interrupt disabling pattern	
$\begin{array}{ccc} 150 \sim 159 & \text{Color disk reset} \\ 160 \sim 169 & \text{Gobo disk reset} \\ 170 \sim 179 & \text{Shutter / Prism Reset} \\ 180 \sim 189 & \text{No function} \end{array}$		130~139	Open	
160~169 Gobo disk reset 170~179 Shutter / Prism Reset 180~189 No function		140~149	Xy Reset	
170~179 Shutter / Prism Reset 180~189 No function		150~159	Color disk reset	
180~189 No function		160~169	Gobo disk reset	
		170~179	Shutter / Prism Reset	
190~199 Frost / Focus / Amplification Reset		180~189	No function	
		190~199	Frost / Focus / Amplification Reset	

Channel	DMX-value	Feature
17 Program built-in	224~231	Xy built-in28
	232~239	Xy built-in29
	240~247	Xy built-in30
	248~255	Xy built-in31
18 Built-in Speed	0~255	Speed from fast to slow

.8.

15 Control Channel

Accept DMX512 control channel, detail as follow:

Channel	DMX-value	Feature
1 PAN	0~255	540°
2 TILT	0~255	270°
3 PAN 16bit	0~255	16bit spinner
4 TILT 16bit	0~255	16bit spinner
5 Speed	0~255	Controllable speed with decreasing
6 Dimmer	0~255	0~100% mechanic dimmer
	0~7	No function
	8~15	Open
	16~131	With frequency flash, from slow to fast
7 Shutter	132~167	Fast shut slowly open, from slow to fast
/ Shutter	168~203	Slow close quick opening, from slow to fast
	204~239	Pulse strobes, from slow to fast
	240~247	Random stroboscopic, from slow to fast
	248~255	Open
	0~4	White
	5~8	Reg
	9~12	Deep Yellow
	13~16	Turquoise
	17~20	Green
	21~24	Kelly
	25~28	Light Blue Purple
0.01	29~32	Prunosus
8 Colour wheel	33~36	Light Yellow
Wheel	37~40	Rose Red
	41~44	Blue
	45~48	Claybank
	49~52	Brown
	53~56	Cool Color
	57~60	Fluorescence
	61~127	Color/half color position
	128~189	Positive rainbow effect ,from fast to slow

Channel	DMX-value	Fea	Feature			
8 Colour	190~193	Stop				
wheel	194~255	Negative ra	Negative rainbow effect, from slow to fast			
		0	0	0	0	
	0~3	4~6	7~9	10~12	13~15	
	0			R		
	16~18	19~21	22~24	25~27	28~30	
		X			9	
	31~33	34~36	37~39	40~42	43~45	
9 Gobo wheel	46~48	49~51	52~55			
	56~59	White				
	60~63	Gobo 1 shake, from slow to fast				
	64~67	Gobo 2 shake, from slow to fast				
	68~71		S shake, from slow to fast			
	72~75		ke, from slow			
	76~79	Gobo 5 shal	ke, from slow	to fast		
	80~83	Gobo 6 shal	ke, from slow	to fast		
	84~87	Gobo 7 shake, from slow to fast				
88~91 Gobo 8 shake, from slow to fast						
	92~95	Gobo 9 shal	ke, from slow	to fast		
	96~99	Gobo 10 sha	ake, from slov	v to fast		
	100~103	Gobo 11 shake, from slow to fast				
104~107 Gobo 12 shake, from slow to fast					<u> </u>	