Contents

P/N: 390709000062 Version: C

1.Technical Feature	02
2.Light output and beam angle range	03
3.Control channel	04
3.1 Menu channel	04
3.2 DMX channel	05
4. Display panel operation function detail	10
5.Control panel	14
5.1 Control panel introduction	14
5.2 Control panel operational introduction	14
6.Production feature explanation	15
6.1 Gobo system	15
6.2 Color system	16
6.3 CMY color mixing	17
6.4 Gobo effect	17
6.5 CTO color temperature correction	
6.6 Iris	
6.7 Cutting system	17
7.Routine maintenance	
8.Safety information	
9.Product Connection	
9.1 Included items	
9.2 Power Connection	20
9.3 Signal Connection	
10.Parts code	25
Attached 1. Fixture exploded drawing	
Attached 2 Wiring diagram	

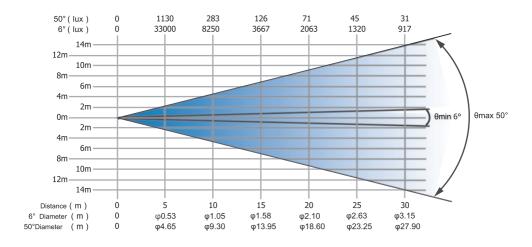
1/Technical feature

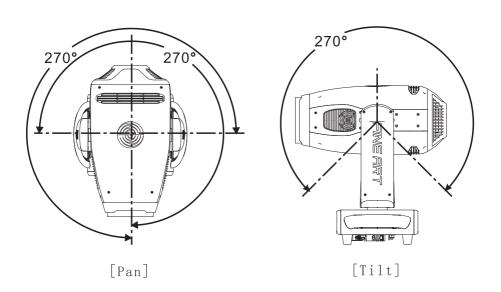
Technical feature	FINE 600L/LB BSWF	
Light source	600W LED module	
Input voltage	100-240V~ 50/60Hz	
Input current	8A	
Input power	800W	
Power factor	PF≥0.98	
Zoom range	6°~50°	
CRI	Ra≥90	
Initial luminous flux	14000 lm	
Efficiency	17 lm/W	
Color system	CMY color mixing system + CTO system +1 independent color wheel(8 color filters+white light)	
Gobo system	1 rotating gobo wheel(7 pluggable gobos + white) + 1 fixed gobo wheel(9 gobos +white)	
Cutting system	1 cutting system , 180° rotation	
Effect	4-facet prism+1 frosted lenses + strobe + dimmer+electronic iris	
Control channel	STD:32/16B:40/EXT:44	
Pan	Pan=540°,Pan= 2.11°/step, Pan fine=0.008°	
Tilt	Tilt =250°, Tilt=1.05°/step, Tilt fine=0.004°	
Safety protection	Over current, over voltage and overheating protection	
Control mode	DMX512/Wireless DMX (optional)	
Work environment	0°C~40°C	
Fixture dimension	400×310×728mm	
Package dimension	673×525×855mm(flight case);865*440*500(carton)	
Weight	Net weight: 29kg, Gross weight: 102.8kg(flight case)	
Package	2pcs/flight case;1pcs/carton	
IP rate	IP20	
-	•	

Note: The light source is not recommended to replaced by user . Ask qualified maintenance personnel to replace the light source if any damage or overheat deformation.

2/Photometric diagram

PHOTOMETRIC





3/Control channel

3.1 Menu channel-Brief

Channel	STND	16BT	EXTN
1	Strobe	Strobe	Strobe
2	Dimmer	Dimmer	Dimmer
3	Dimmer Fine	Dimmer Fine	Dimmer Fine
4	Pan	Pan	Pan
5	Pan Fine	Pan Fine	Pan Fine
6	Tilt	Tilt	Tilt
7	Tilt Fine	Tilt Fine	Tilt Fine
8	Gobo1	Gobo1	Gobo1
9	Gobo1 Rot	Gobo1 Rot	Gobo1 Rot
10	Fixed Gobo	Gobo1 Rot Fine	Gobo1 Rot Fine
11	Reserved	Fixed Gobo	Fixed Gobo
12	Cyan	Reserved	Reserved
13	Magenta	Cyan	Cyan
14	Yellow	Magenta	Magenta
15	СТО	Yellow	Yellow
16	Color	СТО	СТО
17	Prism	Color	Color
18	Prism Rot	Color Macro	Color Macro
19	Focus	Prism	Prism
20	Zoom	Prism Rot	Prism Rot
21	Frost	Focus	Focus
22	Iris	Focus Fine	Focus Fine
23	Frame1 Position	Zoom	Zoom
24	Frame1 Angle	Zoom Fine	Zoom Fine
25	Frame2 Position	AutoFocus Distance	AutoFocus Distance
26	Frame2 Angle	AutoFocus Adjustment	AutoFocus Adjustment
27	Frame3 Position	Frost	Frost
28	Frame3 Angle	Iris	Iris
29	Frame4 Position	Frame1 Position	Frame1 Position

30	Frame4 Angle	Frame1 Angle	Frame1 Angle
31	Frame Rotation	Frame2 Position	Frame2 Position
32	Fixture Control	Frame2 Angle	Frame2 Angle
33		Frame3 Position	Frame3 Position
34		Frame3 Angle	Frame3 Angle
35		Frame4 Position	Frame4 Position
36		Frame4 Angle	Frame4 Angle
37		Frame Rotation	Frame Rotation
38		Frame Macro	Frame Macro
39		CRI/R9	CRI/R9
40		Fixture Control	Fixture Control
41			Pan-tilt Time
42			Color Time
43			Beam Time
44			Gobo Time

3.2 DMX Control

Specific	STND	16BT	EXTN	Value	Function
				000~005	Closed
				006~010	Open
				011~105	Strobe at linearly variable frequency from slow to fast(0~20Hz)
Strobe	1	1	1	106~110	Open
				111~179	Thunder Strobe from slow to fast
				180~185	Open
				186~253	Random Strobe
				254~255	Open
Dimmer	2	2	2	000~255	0%->100%
Dimmer Fine	3	3	3	000~255	0%->100%
Pan	4	4	4	000~255	Movement positioning from 0° to 540°
Pan Fine	5	5	5		
Tilt	6	6	6	000~255	Movement positioning from 0° to 252°
Tilt Fine	7	7	7		
				000~008	Open
Gobo1				009~017	Gobo1
	8	8	8	018~026	Gobo2
				027~035	Gobo3
				036~044	Gobo4

				045~053	Gobo5
				054~062	Gobo6
				063~071	Gobo7
				072~091	Gobo1 shake from slow to fast
				092~111	Gobo2 shake from slow to fast
				112~131	Gobo3 shake from slow to fast
Gobo1	8	8	8	132~150	Gobo4 shake from slow to fast
				151~170	Gobo5 shake from slow to fast
				171~190	Gobo6 shake from slow to fast
				191~209	Gobo7 shake from slow to fast
				210~231	Continuous gobo wheel clockwise rotation from fast to slow
				232~233	Stop
				234~255	Continuous gobo wheel counter-clockwise rotation from slow to fast
				000~127	0°~360°
Gobo1 Rot	9	9	9	128~190	Continuous gobo wheel clockwise rotation from fast to slow
GODOTROI	9	9	9	191~192	Stop
				193~255	Continuous gobo wheel counter-clockwise rotation from slow to fast
Gobo1 Rot Fine	-	10	10		
				000~008	Open
				009~015	Gobo1
				016~022	Gobo2
				023~029	Gobo3
				030~036	Gobo4
				037~043	Gobo5
				044~050	Gobo6
				051~057	Gobo7
				058~064	Gobo8
				065~071	Gobo9
Fixed Gobo	10	11	11	072~086	Gobo1 shake from slow to fast
T IXCG GODO	10	''	''	087~101	Gobo2 shake from slow to fast
				102~117	Gobo3 shake from slow to fast
				118~133	Gobo4 shake from slow to fast
				134~148	Gobo5 shake from slow to fast
				149~163	Gobo6 shake from slow to fast
				164~178	Gobo7 shake from slow to fast
				179~194	Gobo8 shake from slow to fast
				195~209	Gobo9 shake from slow to fast
				210~231	Continuous gobo wheel clockwise rotation from fast to slow
				232~233	•
				233~255	Continuous gobo wheel counter-clockwise rotation from slow to fast

Reserved	11	12	12	000~255	Reserved
Cyan	12	13	13	000~255	0%->100% Linear Cyan movement
Magenta	13	14	14	000~255	0%->100% Linear Magenta movement
Yellow	14	15	15	000~255	0%->100% Linear Yellow movement
СТО	15	16	16	000~255	0%->100%
					Linear Movement
				000~119	From Open to (6th Color+Open) Linearity Movement
				14	Color1 (Red)
				28	Color2 (Green)
				40	Color3 (Blue)
				52	Color4 (Magenta)
				66	Color5 (Pink)
				80	Color6 (Light Green)
				92	Color7 (Lavender)
				106	Color8 (Yellow)
				120~120	Open
					Full Color
	Color 16 1			121~124	Color1 (Red)
Color		17	17	125~129	Color2 (Green)
00101	10	''	17	130~133	Color3 (Blue)
				134~138	Color4 (Magenta)
				139~142	Color5 (Pink)
				143~147	Color6 (Light Green)
				148~151	Color7 (Lavender)
				152~156	Color8 (Yellow)
				157~160	Open
					Continuous Rotation
				161~200	Continuous color wheel clockwise rotation from fast to slow
				201~203	·
				204~243	Continuous color wheel counter-clockwise rotation from slow to fast
					Random full color
				244~247	Fast
				248~251	
				252~255	
Color Macro	-	18	18		Reserved
Prism	17	19	19	000~138	
		$oxed{oxed}$		139~255	Prism Inserted

Prism Rot							
Prism Rot					000~127	0°~360°	
191-192 Stop	Driam Bat	10	20	20	128~190	Continuous gobo wheel clockwise rotation from fast to slow	
Focus 19	Prisirikot	10	20	20	191~192	Stop	
Focus Fine -					193~255	Continuous gobo wheel counter-clockwise rotation from slow to fast	
Zoom Fine	Focus	19	21	21	000~255	00~255 Infinity -> Near	
AutoFocus Distance	Focus Fine	-	22	22			
AutoFocus Distance - 25 25 25 25 25 25 25 26 26 26 26 27 27 27 27 27 27 28 28 28 28 28 28 28 28 28 28 28 28 28	Zoom	20	23	23	000~255	Narrow beam -> Wide beam	
AutoFocus Distance - 25 25 25 25 25 25 25 25 25 25 25 25 25	Zoom Fine	-	24	24			
AutoFocus Distance - 25					000~005	AutoFocus Off	
AutoFocus Distance - 25					006~031	Reserved	
AutoFocus			0.5	0.5	032~057	8 meters	
AutoFocus Adjustment	AutoFocus Distan	ce -	25	25	058~083	12 meters	
AutoFocus Adjustment - 26 26 26 28 28 27 27 27 28 28 28 28 28 28 28 28 28 28 28 28 28					084~109	16 meters	
AutoFocus Adjustment - 26 26 128~128 Stop 129~255 Focus Fine +					110~255	Reserved	
Frost 21 27 27 27 27 27 27 27					000~127	Focus Fine -	
129~255 Focus Fine +		-	26	26	128~128	Stop	
Frost 21 27 27 27 002-255 Frost Linearity Movement Inserted 000-131 Open->Closed 132-151 Iris pulsation from slow to fast speed 152-171 Iris pulsation from slow to fast speed with fast closing 172-191 Iris pulsation from slow to fast speed with fast opening 192-255 Reserved 192-255	Adjustinishi				129~255	Focus Fine +	
Iris 22 28 28 28 28 28 28 2	Erect	Front 21		27	000~001	Open	
132-151 ris pulsation from slow to fast speed 152-171 ris pulsation from slow to fast speed with fast closing 172-191 ris pulsation from slow to fast speed with fast opening 192-255 Reserved 192-255 192-	11030 21		21		002~255	Frost Linearity Movement Inserted	
Prame Position 23 29 29 29 29 29 29 29		22			000~131	Open->Closed	
Trame1 Position 23 29 29 29 29 29 29 29					132~151	Iris pulsation from slow to fast speed	
Frame1 Position 23 29 29 000~255 Out -> In	Iris		28	28	152~171	Iris pulsation from slow to fast speed with fast closing	
Frame1 Position 23 29 29 000~255 Out -> In Frame1 Angle 24 30 30 000~255 Angle> Parallel> Angle+ Frame2 Position 25 31 31 000~255 Out -> In Frame2 Angle 26 32 32 000~255 Angle> Parallel> Angle+ Frame3 Position 27 33 33 000~255 Angle> Parallel> Angle+ Frame4 Position 29 35 35 000~255 Out -> In Frame4 Angle 30 36 36 000~255 Angle> Parallel> Angle+ Frame Rotation 31 37 000~255 From 0° -> 180° rotation 000~009 None 010~019 Square 020~029 Rectangle 030~039 Triangle 040~049 Rhombus 050~059 Trapezium					172~191	Iris pulsation from slow to fast speed with fast opening	
Frame1 Angle 24 30 30 000~255 Angle> Parallel> Angle+ Frame2 Position 25 31 31 000~255 Out -> In Frame2 Angle 26 32 32 000~255 Angle> Parallel> Angle+ Frame3 Position 27 33 33 000~255 Out -> In Frame3 Angle 28 34 34 000~255 Angle> Parallel> Angle+ Frame4 Position 29 35 35 000~255 Out -> In Frame4 Angle 30 36 36 000~255 Angle> Parallel> Angle+ Frame Rotation 31 37 37 000~255 From 0° -> 180° rotation 000~009 None 010~019 Square 020~029 Rectangle 020~029 Rectangle 040~049 Rhombus 050~059 Trapezium					192~255	Reserved	
Frame2 Position 25 31 31 000~255 Out -> In Frame2 Angle 26 32 32 000~255 Angle> Parallel> Angle+ Frame3 Position 27 33 33 000~255 Out -> In Frame3 Angle 28 34 34 000~255 Angle> Parallel> Angle+ Frame4 Position 29 35 35 000~255 Out -> In Frame4 Angle 30 36 36 000~255 Angle> Parallel> Angle+ Frame Rotation 31 37 000~255 From 0° -> 180° rotation 000~009 None 010~019 Square 020~029 Rectangle 040~049 Rhombus 050~059 Trapezium	Frame1 Position	23	29	29	000~255	Out -> In	
Frame2 Angle 26 32 32 000~255 Angle> Parallel> Angle+ Frame3 Position 27 33 33 000~255 Out -> In Frame3 Angle 28 34 34 000~255 Angle> Parallel> Angle+ Frame4 Position 29 35 35 000~255 Out -> In Frame4 Angle 30 36 36 000~255 Angle> Parallel> Angle+ Frame Rotation 31 37 000~255 From 0° -> 180° rotation 000~009 None 010~019 Square 020~029 Rectangle 020~029 Rectangle 040~049 Rhombus 050~059 Trapezium	Frame1 Angle	24	30	30	000~255	Angle> Parallel> Angle+	
Frame3 Position 27 33 33 000~255 Out -> In Frame3 Angle 28 34 34 000~255 Angle> Parallel> Angle+ Frame4 Position 29 35 35 000~255 Out -> In Frame4 Angle 30 36 36 000~255 Angle> Parallel> Angle+ Frame Rotation 31 37 000~255 From 0° -> 180° rotation 000~009 None 010~019 Square 020~029 Rectangle 020~029 Rectangle 040~049 Rhombus 050~059 Trapezium	Frame2 Position	25	31	31	000~255	Out -> In	
Frame3 Angle 28 34 34 000~255 Angle> Parallel> Angle+ Frame4 Position 29 35 35 000~255 Out -> In Frame4 Angle 30 36 36 000~255 Angle> Parallel> Angle+ Frame Rotation 31 37 000~255 From 0° -> 180° rotation 000~009 None 010~019 Square 020~029 Rectangle Frame Macro - 38 38 030~039 Triangle 040~049 Rhombus 050~059 Trapezium	Frame2 Angle	26	32	32	000~255	Angle> Parallel> Angle+	
Frame4 Position 29 35 35 000~255 Out -> In Frame4 Angle 30 36 36 000~255 Angle> Parallel> Angle+ Frame Rotation 31 37 000~255 From 0° -> 180° rotation 000~009 None 010~019 Square 020~029 Rectangle 020~029 Rectangle 040~049 Rhombus 050~059 Trapezium	Frame3 Position	27	33	33	000~255	Out -> In	
Frame4 Angle 30 36 36 000~255 Angle> Parallel> Angle+ Frame Rotation 31 37 37 000~255 From 0° -> 180° rotation 000~009 None 010~019 Square 020~029 Rectangle 020~029 Rectangle 030~039 Triangle 040~049 Rhombus 050~059 Trapezium	Frame3 Angle	28	34	34	000~255	Angle> Parallel> Angle+	
Frame Rotation 31 37 37 000~255 From 0° -> 180° rotation 000~009 None 010~019 Square 020~029 Rectangle 030~039 Triangle 040~049 Rhombus 050~059 Trapezium	Frame4 Position	29	35	35	000~255	Out -> In	
000~009 None	Frame4 Angle	30	36	36	000~255	Angle> Parallel> Angle+	
010~019 Square	Frame Rotation	31	37	37	000~255	From 0° -> 180° rotation	
Frame Macro - 38 38 020~029 Rectangle 030~039 Triangle 040~049 Rhombus 050~059 Trapezium					000~009	None	
Frame Macro - 38 38 030~039 Triangle 040~049 Rhombus 050~059 Trapezium					010~019	Square	
040~049 Rhombus 050~059 Trapezium					020~029	Rectangle	
050~059 Trapezium	Frame Macro	-	38	38	030~039	Triangle	
					040~049	Rhombus	
060~255 Reserved					050~059	Trapezium	
					060~255	Reserved	

CRI/R9				P	
CRI/R9					000~005 None
Fixture Control 32					006~010 CRI Inserted\R9-70
Fixture Control 32	CRI/R9	-	39	39	011~015 CRI Inserted\R9-80
Fixture Control 32 40 40 40 010~014 Entire Fixture Reset, staying in this range for 5 seconds. 100~014 Entire Fixture Reset, staying in this range for 5 seconds.					016~020 CRI Inserted\R9-90
Fixture Control 32 40 40 40 010~014 Entire Fixture Reset, staying in this range for 5 seconds. 010~014 Entire Fixture Reset, staying in this range for 5 seconds. 010~014 Pan/Tilt Reset, staying in this range for 5 seconds. 030~034 Pan/Tilt Reset, staying in this range for 5 seconds. 035~049 Reserved 050~054 Led Module Out Frequency 1.2KHz3s 055~059 Led Module Out Frequency 2.4KHz3s 060~064 Led Module Out Frequency 12KHz3s 060~064 Led Module Out Frequency 12KHz3s 060~064 Led Module Out Frequency 24KHz3s 070~074 S-curve Dimmer curve3s 075~079 Square Law Dimming curve3s 080~084 Inverse Square Law Dimming curve3s 080~084 Inverse Square Law Dimming curve3s 080~084 Inverse Square Law Dimming curve3s 130~134 Standard Mode (LED Out Power)3s 130~134 Standard Mode (LED Out Power)3s 140~144 CMY S curve(default setting)3s 145~149 CMY parabola3s 150~255 Reserved 255~255 Follow Cue Data Color Time					021~255 Reserved
Fixture Control 32 40 40 015~029 Effects Reset, staying in this range for 5 seconds. 030~034 Pan/Tilt Reset, staying in this range for 5 seconds. 035~049 Reserved 035~049 Reserved 050~054 Led Module Out Frequency 1.2KHz3s 055~059 Led Module Out Frequency 2.4KHz3s 060~064 Led Module Out Frequency 12KHz3s 060~064 Led Module Out Frequency 24KHz3s 065~069 Led Module Out Frequency 24KHz3s 070~074 S-curve Dimmer curve3s 075~079 Square Law Dimming curve3s 080~084 Inverse Square Law Dimming curve3s 085~089 Linear Dimming Cuve3s 090~124 Reserved 125~129 High light Mode (LED Out Power)3s 130~134 Standard Mode (LED Out Power)3s 130~134 Standard Mode (LED Out Power)3s 140~144 CMY S curve(default setting)3s 145~149 CMY parabola3s 150~255 Reserved Pan-tilt Time - 41 000~254 Slope Time from Fast to Slow 255~255 Follow Cue Data Beam Time - 43 000~254 Slope Time from Fast to Slow 255~255 Follow Cue Data Gobo Time - 44 000~254 Slope Time from Fast to Slow					000~009 None
030-034 Pan/Tilt Reset, staying in this range for 5 seconds.					010~014 Entire Fixture Reset, staying in this range for 5 seconds.
Pan-tilt Time - - 41	Fixture Control	32	40	40	015~029 Effects Reset, staying in this range for 5 seconds.
Pan-tilt Time - -					030~034 Pan/Tilt Reset, staying in this range for 5 seconds.
Pan-tilt Time - - + + + + + + + +					035~049 Reserved
Fixture Control 32 40 40 40 40 40 40 40 40 40 40 40 40 40					050~054 Led Module Out Frequency 1.2KHz3s
Fixture Control 32 40 40 40 40 40 Led Module Out Frequency 24KHz3s 070~074 S-curve Dimmer curve3s 075~079 Square Law Dimming curve3s 080~084 Inverse Square Law Dimming curve3s 080~084 Inverse Square Law Dimming curve3s 085~089 Linear Dimming Cuve3s 090~124 Reserved 125~129 High light Mode (LED Out Power)3s 130~134 Standard Mode (LED Out Power)3s 135~139 Theater Mode (LED Out Power)3s 140~144 CMY S curve(default setting)3s 145~149 CMY parabola3s 150~255 Reserved Pan-tilt Time					055~059 Led Module Out Frequency 2.4KHz3s
Fixture Control 32 40 40 40 40 40 40 40 40 40 40 40 40 40					060~064 Led Module Out Frequency 12KHz3s
Fixture Control 32 40 40 40 40 6085-089 Linear Dimming Curve3s 080-084 Inverse Square Law Dimming curve3s 085-089 Linear Dimming Cuve3s 090-124 Reserved 125-129 High light Mode (LED Out Power)3s 130-134 Standard Mode (LED Out Power)3s 140-144 CMY S curve(default setting)3s 140-144 CMY S curve(default setting)3s 145-149 CMY parabola3s 150-255 Reserved 000-254 Slope Time from Fast to Slow 255-255 Follow Cue Data 000-254 Slope Time from Fast to Slow 255-255 Follow Cue Data 000-254 Slope Time from Fast to Slow 255-255 Follow Cue Data 000-254 Slope Time from Fast to Slow 255-255 Follow Cue Data 000-254 Slope Time from Fast to Slow 255-255 Follow Cue Data 000-254 Slope Time from Fast to Slow 255-255 Follow Cue Data 000-254 Slope Time from Fast to Slow 255-255 Follow Cue Data 000-254 Slope Time from Fast to Slow 255-255 Follow Cue Data					065~069 Led Module Out Frequency 24KHz3s
Fixture Control 32 40 40 40 84 Inverse Square Law Dimming curve3s 085~089 Linear Dimming Cuve3s 090~124 Reserved 125~129 High light Mode (LED Out Power)3s 130~134 Standard Mode (LED Out Power default setting)3s 135~139 Theater Mode (LED Out Power)3s 140~144 CMY S curve(default setting)3s 145~149 CMY parabola3s 150~255 Reserved 255~255 Follow Cue Data Color Time 42 Beam Time 43 Gobo Time 44 000~254 Slope Time from Fast to Slow 255~255 Follow Cue Data 000~254 Slope Time from Fast to Slow 255~255 Follow Cue Data 000~254 Slope Time from Fast to Slow 255~255 Follow Cue Data 000~254 Slope Time from Fast to Slow 255~255 Follow Cue Data					070~074 S-curve Dimmer curve3s
Fixture Control 32 40 40 85~089 Linear Dimming Cuve3s 090~124 Reserved 125~129 High light Mode (LED Out Power)3s 130~134 Standard Mode (LED Out Power default setting)3s 135~139 Theater Mode (LED Out Power)3s 140~144 CMY S curve(default setting)3s 145~149 CMY parabola3s 150~255 Reserved Pan-tilt Time 41 000~254 Slope Time from Fast to Slow 255~255 Follow Cue Data 000~254 Slope Time from Fast to Slow 255~255 Follow Cue Data 000~254 Slope Time from Fast to Slow 255~255 Follow Cue Data 000~254 Slope Time from Fast to Slow 255~255 Follow Cue Data 000~254 Slope Time from Fast to Slow 255~255 Follow Cue Data 000~254 Slope Time from Fast to Slow 255~255 Follow Cue Data					075~079 Square Law Dimming curve3s
090~124 Reserved 125~129 High light Mode (LED Out Power)3s 130~134 Standard Mode (LED Out Power default setting)3s 135~139 Theater Mode (LED Out Power)3s 140~144 CMY S curve(default setting)3s 145~149 CMY parabola3s 150~255 Reserved 000~254 Slope Time from Fast to Slow 255~255 Follow Cue Data 000~254 Slope Time from Fast to Slow 255~255 Follow Cue Data 000~254 Slope Time from Fast to Slow 255~255 Follow Cue Data 000~254 Slope Time from Fast to Slow 255~255 Follow Cue Data 000~254 Slope Time from Fast to Slow 255~255 Follow Cue Data 000~254 Slope Time from Fast to Slow 255~255 Follow Cue Data 000~254 Slope Time from Fast to Slow 255~255 Follow Cue Data 000~254 Slope Time from Fast to Slow 255~255 Follow Cue Data 000~254 Slope Time from Fast to Slow 255~255 Follow Cue Data 000~254 Slope Time from Fast to Slow 255~255 Follow Cue Data 000~254 Slope Time from Fast to Slow 255~255 Follow Cue Data 000~254 Slope Time from Fast to Slow 255~255 Follow Cue Data 000~254 Slope Time from Fast to Slow 000~254 Slope Time from Fast to					080~084 Inverse Square Law Dimming curve3s
125~129 High light Mode (LED Out Power)3s	Fixture Control	32	40	40	085~089 Linear Dimming Cuve3s
130~134 Standard Mode (LED Out Power default setting)3s 135~139 Theater Mode (LED Out Power)3s 140~144 CMY S curve(default setting)3s 145~149 CMY parabola3s 150~255 Reserved 000~254 Slope Time from Fast to Slow 255~255 Follow Cue Data 000~254 Slope Time from Fast to Slow 255~255 Follow Cue Data 000~254 Slope Time from Fast to Slow 255~255 Follow Cue Data 000~254 Slope Time from Fast to Slow 255~255 Follow Cue Data 000~254 Slope Time from Fast to Slow 255~255 Follow Cue Data 000~254 Slope Time from Fast to Slow 255~255 Follow Cue Data 000~254 Slope Time from Fast to Slow 255~255 Follow Cue Data 000~254 Slope Time from Fast to Slow					090~124 Reserved
135~139 Theater Mode (LED Out Power)3s					125~129 High light Mode (LED Out Power)3s
140~144 CMY S curve(default setting)3s					130~134 Standard Mode (LED Out Power default setting)3s
145~149 CMY parabola3s					135~139 Theater Mode (LED Out Power)3s
Pan-tilt Time - 41 000~254 Slope Time from Fast to Slow 255~255 Follow Cue Data 000~254 Slope Time from Fast to Slow 255~255 Follow Cue Data 000~254 Slope Time from Fast to Slow 255~255 Follow Cue Data 000~254 Slope Time from Fast to Slow 255~255 Follow Cue Data 000~254 Slope Time from Fast to Slow 255~255 Follow Cue Data 000~254 Slope Time from Fast to Slow 000~254 Slope Time from Fast to					140~144 CMY S curve(default setting)3s
Pan-tilt Time - - 41 000~254 Slope Time from Fast to Slow Color Time - - 42 000~254 Slope Time from Fast to Slow Beam Time - - 43 000~254 Slope Time from Fast to Slow Gobo Time - - 44 000~254 Slope Time from Fast to Slow Gobo Time - - 44 000~254 Slope Time from Fast to Slow					145~149 CMY parabola3s
Pan-tilt Time					150~255 Reserved
255~255 Follow Cue Data	Den Alla Timo			44	000~254 Slope Time from Fast to Slow
Color Time	Pan-tilt Time	-	-	41	255~255 Follow Cue Data
255~255 Follow Cue Data	Calan Time			40	000~254 Slope Time from Fast to Slow
Seam Time - - 43 255~255 Follow Cue Data	Color Time	-	-	42	255~255 Follow Cue Data
Gobo Time 44 255~255 Follow Cue Data 000~254 Slope Time from Fast to Slow	D Ti			40	000~254 Slope Time from Fast to Slow
Gobo Time - - 44	Beam Time	-	-	43	255~255 Follow Cue Data
	Caba Time			4.4	000~254 Slope Time from Fast to Slow
	Gobo Time	-	-	44	255~255 Follow Cue Data

4/Operation chart for the display panel function

MENU1	MENU2	MENU3	 (DEFAULT)
ADDRESS	001-XXX		001-040
.55.1.250	X Invert	OFF/ON	OFF
	Y Invert	OFF/ON	OFF
	XY SWAP	OFF/ON	OFF
	CHANNEL MODE	STD:32/16B:40/EXT:44	16B:40
	Lum Calibrate	0-100	100
	CCI Calibrate	0-100	0
	Dimming Control	OFF/ON	OFF
Option	Short Parth	OFF/ON	ON
	CMY Invert	OFF/ON	OFF
	CMY Curve	Curve L/Curve S	Curve S
	Dimm Curve	Opti/VRMS/Squa/Invs	Squa
	Cutting Mode	Mode1/Mode2	Mode1
	FAN Mode	Bost/Normal/Sile	Bost
		Bost/Normal/Sile	Bost
	Exit		E4
	Pan/Tilt Speed	High/Fast/Normal/Slow	Fast
SPEED	Pan/Tilt Smooth	000-007	000
SETTINGS	Gobo/Color Speed	Normal/Slow	Fast
	Exit		
	Strobe	000-xxx	000
	Dimmer	000-xxx	000
	Dimmer fine	000-xxx	000
	Pan	000-xxx	000
	Pan fine	000-xxx	000
	Tilt	000-xxx	000
	Tilt fine	000-xxx	000
	Gobo1	000-xxx	000
	Gobo1 rotation	000-xxx	000
	Fixed gobo	000-xxx	000
	CMY cyan	000-xxx	000
	CMY magenta	000-xxx	000 000
	CMY yellow CTO	000-xxx	000
	Color wheel	000-xxx 000-xxx	000
MANUAL	Prism	000-xxx	000
CONTROL	Prism rotation	000-xxx	000
CONTINUE	Focus	000-xxx	000
	Zoom	000-xxx	000
	Frost	000-xxx	000
	Iris	000-xxx	000
	Blade1 position	000-xxx	000
	Blade1 angle	000-xxx	000
	Blade2 position	000-xxx	000
	Blade2 angle	000-xxx	000
	Blade3 position	000-xxx	000
	Blade3 angle	000-xxx	000
	Blade4 position	000-xxx	000
	Blade4 angle	000-xxx	000
	Cutting rotation	000-xxx	000
	Fixture control	000-xxx	000
ı	Exit		
	1	10	 L.

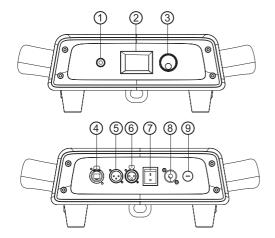
	Pan	0000-XXX0	0000
	Tilt	0000-XXX0	0000
	Cyan	0000-XXX0	0000
	Magenta	0000-XXX0	0000
	Yellow	0000-XXX0	0000
	СТО	0000-XXX0	0000
	Color wheel	0000-XXX0	0000
	Zoom	0000-XXX0	0000
	Focus	0000-XXX0	0000
	Iris	0000-XXX0	0000
	Cutting rotation	0000-XXX0	0000
	Gobo1	0000-XXX0	0000
	Gobo1 rotation	0000-XXX0	0000
CALIBRATION	Fixture Gobo	0000-XXX0	0000
	Prism	0000-XXX0	0000
	Prism rotation	0000-XXX0	0000
	Frost	0000-XXX0	0000
	Blade up 1	0000-XXX0	0000
	Blade up 2	0000-XXX0	0000
	Blade down 1	0000-XXX0	0000
	Blade down 2	0000-XXX0	0000
	Blade right 1	0000-XXX0	0000
	Blade right 2	0000-XXX0	0000
	Blade left 1	0000-XXX0	0000
			0000
	Blade left 2	0000-XXX0	0000
	Exit Channel 01	000 999	000
		000-xxx	000
	Channel 02	000-xxx	000
	Channel 03	000-xxx	000
	Channel 04	000-xxx	
	Channel 05	000-xxx	000
	Channel 06	000-xxx	000
	Channel 07	000-xxx	
	Channel 08	000-xxx	000
	Channel 09	000-xxx	000
	Channel 10	000-xxx	000
	Channel 11	000-xxx	000
	Channel 12	000-xxx	000
	Channel 13	000-xxx	000
DMX VALUES		000-xxx	000
	Channel 15	000-xxx	000
	Channel 16	000-xxx	000
	Channel 17	000-xxx	000
	Channel 18	000-xxx	000
	Channel 19	000-xxx	000
	Channel 20	000-xxx	000
	Channel 21	000-xxx	000
	Channel 22	000-xxx	000
	Channel 23	000-xxx	000
	Channel 24	000-xxx	000
	Channel 25	000-xxx	000
	Channel 26	000-xxx	000
	Channel 27	000-xxx	000

	Channel 20	000 100	000
	Channel 28	000-xxx	
	Channel 29	000-xxx	000
	Channel 30	000-xxx	000
	Channel 31	000-xxx	000
	Channel 32	000-xxx	000
	Channel 33	000-xxx	000
	Channel 34	000-xxx	000
	Channel 35	000-xxx	000
	Channel 36	000-xxx	000
	Channel 37	000-xxx	000
DMX VALUES	Channel 38	000-xxx	000
	Channel 39	000-xxx	000
	Channel 40	000-xxx	000
	Channel 41	000-xxx	000
	Channel 42	000-xxx	000
	Channel 43	000-xxx	000
	Channel 44	000-xxx	000
	Channel 45	000-xxx	000
	Channel 46	000-xxx	000
	Channel 47	000-xxx	000
	Channel 48	000-xxx	000
	Exit	000-xxx	000
	Code 01	000-xxx	000
	Code 02	000-xxx	000
	Code 03	000-xxx	000
	Code 04	000-xxx	000
	Code 05	000-xxx	000
	Code 06	000-xxx	000
	Code 07	000-xxx	000
	Code 08	000-xxx	000
PASSWORD	Code 09	000-xxx	000
	Code 10	000-xxx	000
	Code 11	000-xxx	000
	Code 12	000-xxx	000
	Code 13	000-xxx	000
	Code 14	000-xxx	000
	Code 15	000-xxx	000
	Code 16	000-xxx	000
	Exit	000-222	000
	Display	Keep/60s	60s
	Display Intensity	10-100	100
	Display Invert	OFF/ON	OFF
	- · · ·		
	Language	Chinese/English	Chinese
	Receive Mode	DMX/WDMX/ANET/ADMX/ SACN	DMX
	Universe	000-255	000
	IP Address.A	002	002
PERSONALITY		168	168
	IP Address.C	000	000
	IP Address.D	002	002
	Load Config 1	Load/Save	 Load
	Load Config 2	Load/Save	Load
	Load Factory Settings	Load/Save	Load
	Renew program	OFF/ON	OFF
	Wireless Unlink	OFF/ON	OFF
	0.000 Ommik	5 511	1

	Fixture Type	600L	
PERSONALITY		OFF/ON	OFF
	Sleep Mode		_
	Error prompt	OFF/ON	OFF
	Error code	00	00
	SACN	001	001
	Exit		
	Power On Time	xxxx	0000
	Lamp On Time	xxxx	0000
	Dimming Time	xxxx	0000
	Manufacturer ID	05EF	05EF
	Device ID	62908262	XXXXXXX
	Device ID	Vx.xx	Vx.xx
	Panel Temp	xxx xxx	XXX XXX
	Panel Fan	xxxx xxxx	XXXX XXXX
	XY Ver	Vx.xx	Vx.xx
	XY Temp	xxx(X & Y drive board) xxx(LED light)	xxx xxx
	XY Fan	xxxx xxxx	XXXX XXXX
	1:SP Ver	Vx.xx	Vx.xx
INFORMATION	1:SP Temp	xxx xxx	xxx xxx
INFORMATION	1:SP Fan	xxxx xxxx	xxxx xxxx
	2:SP Ver	Vx.xx	Vx.xx
	2:SP Temp	xxx xxx	xxx xxx
	2:SP Fan	xxxx xxxx	xxxx xxxx
	3:SP Ver	Vx.xx	Vx.xx
	3:SP Temp	xxx xxx	xxx xxx
	3:SP Fan	xxxx xxxx	xxxx xxxx
	4:YUN Board Ver	Vx.xx	Vx.xx
	4:YUN Board Sts	xxxx xxxx	xxxx xxxx
	DN	xxxx xxxx	xxxx xxxx
	ICCID	xxxx xxxx	xxxx xxxx
	IMEI	xxxx xxxx	xxxx xxxx
	Exit		
	Pan	Norm/Eror	Norm
	Tilt	Norm/Eror	Norm
	Cyan	Norm/Eror	Norm
	Magenta	Norm/Eror	Norm
	Yellow	Norm/Eror	Norm
	сто	Norm/Eror	Norm
	Color wheel	Norm/Eror	Norm
	Zoom	Norm/Eror	Norm
SENSOR	Focus	Norm/Eror	Norm
MONITOR	Iris	Norm/Eror	Norm
	Cutting rotation	Norm/Eror	Norm
	Gobo1	Norm/Eror	Norm
	Gobo1 rotation	Norm/Eror	Norm
	Fixture Gobo	Norm/Eror	Norm
	Prism	Norm/Eror	Norm
	Prism rotation	Norm/Eror	Norm
	Exit		
RESET	Exec/Canc		Canc
Test Sequence	Stop/PT/Effect/All	+	Stop
Exit	2.55/1 1/2/1000/11		07
LAIL	ļ	1	ļ

5/The control panel

5.1 Control panel introduction

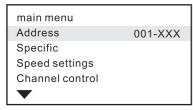


- 1.Exit button
- 2.LCD display
- 3.Function button(Enter)
- 4.Ethernet terminal(optional)
- 5.DMX in
- 6.DMX out
- 7. Mains switch
- 8. Power in
- 9.Fuse

Figure(5.1-1)

- 5.2 Control panel Operation introduction
- 1. Mains switch: It's power off when turning the mains switch to "O". And it's power on when turning the mains switch to "I".
- 2.Exit button+Function button: quit modification or return to upper menu.
- 3. Press 🔾 function button to enter the main menu interface for menu operation.

Main Menu Interface



Note: Indicate the selected menu items in the menu interface. If you are sure to enter this menu, please press the runner to confirm. That is to say, enter the next menu and continue editing. If this menu option is not set in the entry address, the menu can be paged by rotating the runner.

Fig.(5.2-1)

4. Jog wheel:

Press down the jog wheel: enter an item/save the present value. Holds for a few more second, it will return to upper menu.

Clockwise rotate: scroll down the page/increase the parameter value.

 $\label{lem:counterclockwise} Counterclockwise\ rotate:\ scroll\ up\ the\ page/decrease\ the\ parameter\ value.$

Press the jog wheel for 2s: return to previous menu.

Long Press the jog wheel: return to the main menu.

If there no operation in 2minutes in the menu, which means to return to the original menu.

5. LED signal indication

DMX512 signal input: The LED light is on and the dot appears on the right side of the address code.

$6/_{\text{Production feature explanation}}$

6.1 Gobo system

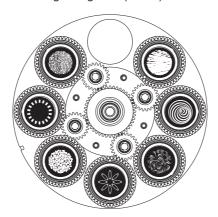
■ Gobo specification

All designs can use circular glass pattern, for the best effect, please use the original factory pattern, do not use other patterns.

Rotating gobo		
Material High boron glass		
Thickness	1. 1mm	
Outer diameter	φ25.9+0/-0.2mm(φ18mm for pattern diameter)	

■ Gobo wheel

1 rotating gobo wheel with 7 glass gobos(6.1-1).



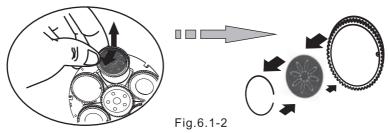
rotating gobo wheel (6.1-1).

■ Gobo replacement



Warning

- 1. If the equipment is powered off, it must be cooled for 15 minutes before replacement.
- 2. For the best effect, please use the original factory pattern, do not use other patterns.
- 1. Pick the spring ring and gobos, place the new gobo, and then replace the spring ring in the slot as follows(6.1-2).
- 2. Place the gobo wheel under the 2 pieces of shrapnel clips of corresponding installing hole, and then push the wheel to the original place, or you can use the screwdriver or some other similar tools to pry up the shrapnel clips.



Pick up the gobo inclined that needs to be replaced

Align the gobo with the narrow ring of the spring

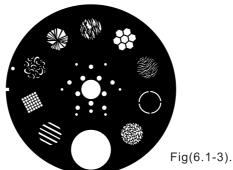


Notice!

The white side should be faced with the light source when installing the color filters.

■ Gobo replacement

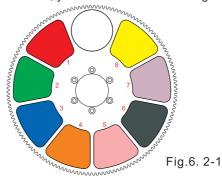
1 Fixed gobo wheel with 9 gobos(6.1-3).



6.2 Color system

Color filter

The color filter is composed of 8 fixed colors. If using the color filter in conjunction with the gobo filter, you can create a colorful gobo effect.



Tips: The coating side should be faced with the lamp if installing the color filters.

6.3 CMY color mixing

The fixture uses the new-densign and simple CMY color system, with the infinite color mixing. The CMY system occupies less space, changes colors faster, runs smoother, but causes less power.

6.4 Gobo effect

one 4-facet prism, one frost, bidirectional rotating 4-facet prism.

6.5 CTO color temperature correction

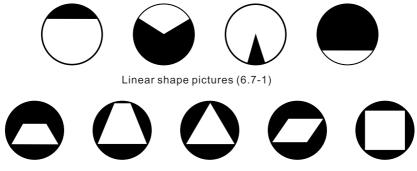
Gradient CTO color temperature 6200K-2800K.

6.6 Iris

5-100~% fast electronic iris adjustment with macro function and multi effect changes, the speed of the iris channels can be changed from fast to slow or slow to fast

6.7 Cutting system

With synchronous gear wheel, the whole wheel is available for 180° rotation movement meanwhile the light spot can be cut into kinds of shapes when the blades move in & move out interlacement controlled by designed cutting system. As shown in (Fig.6.6-1) and (Fig.6.6-2)



Blading pictures (6.7-2)

7/Routine maintenance

This fixture requires routine cleaning. The service life depends on the operating environment heavily. Please kindly contact GUANGZHOU CHAIYI LIGHT CO., LTD for more maintenance information not included in this user's manual.

Notice: Excessive dust, smoke fluid and particulate buildup will degrade performance and cause over heating or damage to the fixture that is not covered by the warranty.

Warning: Please unplug the fixture before you open any covers.

Cleaning

Optical components should be cleaned carefully and lightly. Coating face is easily damaged, do not use harmful solvent so as to avoid damage to plastic parts or coating parts.

Cleaning optical components

- 1. Switch off the fixture and keep it cool completely, then open the cover.
- 2. Clean the floats by dust collector or compressed.
- 3. Use cotton paper without smell or cotton cloth soaked with the water, distilled water to wipe the granular thing, don't wipe the surface, float things should be blown away by the pressure gas.
- 4. Use the cotton cloth or cotton paper without smell soaked with isopropyl alcohol to remove the smoke and other residues. A commercial glass cleaner may be used, but residues must be removed with distilled water. Clean with a slow circular motion from center to edge. Dry with a clean, soft and lint-free cloth or compressed air.

Cleaning fan and air vents

Remove dust from the fans and air vents with a soft brush, cotton paper, vacuum, or compressed air.

8/Safety information

The following symbols are used to identify important safety information on the product and in this manual:



DANGER!

Safety hazard. Risk of severe injury or death.



DANGER!

Refer to manual before installing, powering or servicing.



DANGER

Hazardous voltage. Risk of severe or lethal electric shock.



Warning!

Fire hazard.



Warning!

Burn hazard. Hot surface. Do not touch.



Warning!

Risk of eye injury. Safety glasses must be worn.



Warning

Do not stare at the bulb which is still on.





Risk of hand injury. Safety gloves must be worn.



()

 $\left(-\frac{1.6}{-} - m \right)$

Minimum distance from lighted objects is 1.6m.



For indoor use only.



Do not direct lens to sun ray or strong light!



Do not actuate during operating.



Luminaries not suitable for direct mounting on normally flammable surfaces (suitable only for mounting on

mounting on non-combusible surfaces)





Replace any

cracked

protective

shield.

The surface's temperature is 71°C.

Rated maximum ambient temperature is 40°C.



Protection against explosion

Protection screen must be replaced if they have become visible damaged to such an extent that their effectiveness is impaired.



Protection against burning or fire

Keep flammable materials far away from the fixture. Minimum distance from the flammable materials is 0.5m.

9/Product Connection

9.1 Included items

The product is packed with flight case. One single standard flight case carries 2 fixtures, Included items listed below (shown as table 9.1-1):

Accessories	QTY	UNIT
Safety wire	1	PCS
Fuse	1	PCS
Signal cable	1	PCS
User manual	1	PCS
Warranty card	1	PCS
Certificate	1	PCS

Table(9.1-1)

9.2 Power Connection

Power supply and fuses' type and rating:

Power	Fuse
100-240V~	10A 6X30

Table(9.2-1)

Notice: Type Y attachment for power supply connection. Method of attachment of the cable or cord such that any replacement can only be made by the manufacturer, his service agent or similarly qualified person.

The person must have the relevant qualification to connect the power supply. The AC power voltage shall be suitable to the lamp provided with over-loading or creepage protection.

Connecting the equipment to the power supply, do not connect to silicon box system, or else, it will destroy the equipment.

The fixture is provided with standard 3-pin socket. Please according to table 9.2-2 connect to power supply, Yellow/green line must be earthed. If you still have any question to the installation, please consultant with the experienced electrician.

Color	Wire	Mark
Brown	Live	L
Blue	Neutral	N
Yellow/Green	Earth	(

Table(9.2-2)

9.3 Signal Connection

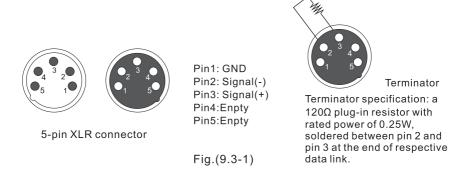
Date linkage for the fixture may be provided by DMX512 connection, Ethernet connection(optional), Ethernet/DMX512 connection(optional) and wireless transmission(optional).

DMX connection

Note: The signal cable was type X connection.

Type X connection—if the external flexible cable or cord of this fixture is damaged, it shall be replaced by a special cord or cord exclusively available from the manufacturer or his service agent.

3-pin or 5 pin XLR connecters are provided for fixture DMX input and output. Pin 1 is for earthing, pin 2 is for minus signals, and pin 3 is for plus signals. To prevent and absorb the reflection and interference of the signals, each data link must be ended by a respective terminator.



Connect the fixtures with Max 11 pieces. Make sure to insert the "signal in" terminal in the last connecting fixture. shown in Figure 9.3-2.

Note: Make sure the fixture vertically upwards when it is placed horizontally, the safe distance between two adjacent fixtures must be \geq 600mm.

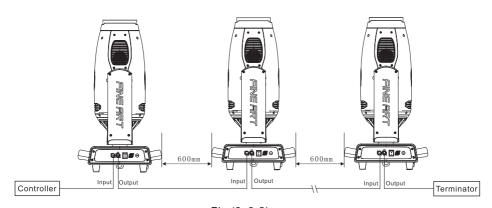


Fig.(9. 3-2)

If long-distance data transfer occurs, a DMX512 signal amplifier is necessary. The added amplifier is inserted between the lighting controller and the first fixture on the basis of a normal data link.

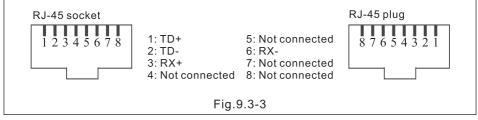


Notice!

- 1. No more than one signal input or output can occur in one fixture.
- 2. Don't split a data link via output ports on the fixture, use a DMX512 signal amplifier instead, if necessary.
- 3. Use only shielded-pair cables, and standard microphone cable is not reliable for long-distance data transfer.

Ethernet connection (optional)

- 1. The data communication is provided with ART-NET protocol, thus the controlling utilities used in the lighting controller or PC must support such protocol. Art-Net is a kind of 10 base T Ethernet protocol derived from TCP/IP. It allows transmission of enormous DMX512 data over normative network. The maximum transferring speed can reach 10Mb/s.
- 2. The fixture is provided with 8-pin RJ-45 connector for internet input. Please use class 5 cables and standard RJ-45 connector for internet connection, Shown as Fig.9.3-3.



- 3. Ethernet setting
 - (a) Ethernet receiving mode setup:

"Personality"→"Receive Mode"→"ENET"

(b) IP address setup:

"Personality"→"IP Address A"→"002, 010" →"IP Address B"→"xxx (000-255)" →"IP Address C"→"xxx (000-255)"

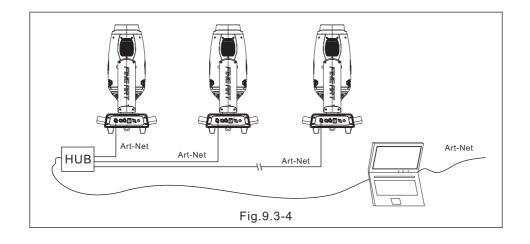
→"IP Address D"→"xxx (000-255)"

Type A IP address is configured as default addresses.

(c) Ethernet node (universe) setup:

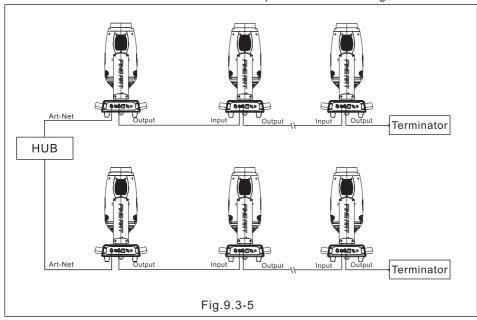
"Personality"→"Universe"→"xxx(000 - 255)"

4. Ethernet connection layout, shown as Fig.9.3-4.



Ethernet/DMX512 connection (optional)

The first fixture in the serial link, which is directly connected to the Ethernet network, should be such that the "fixture receiving mode" is set as "ENET→DMX". The rest fixtures in the link should be set as "DMX" receiving mode. Then connect the output of the said first fixture to the input of a next fixture. Similarly, repeat the above connection till the DMX data link is completed. Shown as Fig. 9.3-5.



Notice: apply a plug-in terminator to end the DMX data link.

Wireless transmission (optional)

- 1. Customer might choose wireless edition fixture which supports wireless data transmission. Wireless signal control is pretty reliable within a 225m radius empty space, thus no need for physical connection for data transmission. All has to be done is to set up corresponding addresses.
- 2. 2.4GHz worldwide free frequency band available in wireless control. Such huge frequency band favors users with variable band options.
 - (a) Wireless receiving mode setup: "Personality"→"Receive Mode"→"WDMX"
 - (b) Press emitter button to search preset address within a fixture. When it's done, remotely control a fixture through a controller, Shown as Fig. 9.3-3.

Notice:

Fixture

- 1. Emitter location: Distribute the antenna higher than any barrier on floor as possible.
- 2. Antenna direction: Emitting antenna points to receiving antenna.
- 3. Antenna position: Keep away from EMI source as possible, such as WLAN antenna.

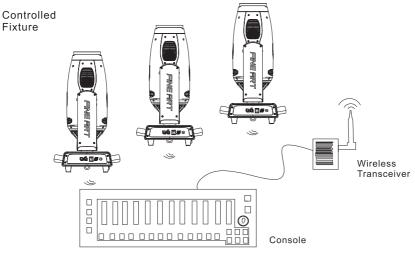


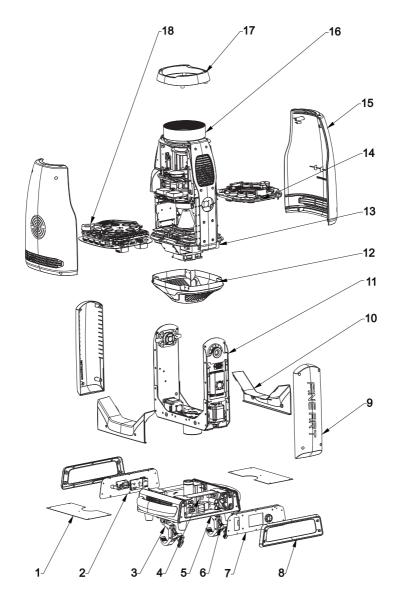
Fig.9.3-6

$10/_{\text{Parts code}}$

NO.	Item	Specification	Ording index
1	Light Source	FINE 600L BSWF	280202000313
2	Light Source	FINE 600LB BSWF	280202000314
3	Display Board		330397100181
4	8-CH GOBO Drive Board	_	330395100095
5	XY-axis Drive Board	_	330395100087
6	10-CH Cutting Drive Board	_	330395100200
7	5-CH Focus Drive Board	_	330709100021
8	4-CH LED Drive Board	_	330709100022
9	Y-axis Hall Boar	_	330711100046
10	X-axis Hall Boar	_	330386100001
11	XY-axis Optocoupler Board	_	330390100007
12	Power Supply	850W	330001200056
13	XY-axis Motor	60SHE5017CZ-30B01	140103000041
14	X-axis Belt	_	350201000608
15	Y-axis Belt	_	350201000610
16	LED Cooling Fan 1	AGE08015B24H-J30F	150101000128
17	LED Cooling Fan 2	PE92252B1-000C-G99	150101000114
18	Base Cooling Fan	PE92252B1-000C-G99	150101000112
19	LED Drive Board Cooling Fan	MF50152V1-1000C-A99	150101000111
20	Power Switch	_	299901010006
21	Fuse	10A Ф6.35X31.8	309905000011
22	Display Screen	2.0-inch black and white screen	280802000057
23	Outer Lens	φ141*51	200709000085
24	4-Face Prism	_	200709000050
25	Diffusefilm	10°	350709000014

26	Cutting Assembly	_	170709000478
	,		
27	Fix Gobo Wheel	_	190140000003
28	Gobo1	φ25.9,pattern diameter:φ18	190259000008
29	Gobo2	φ25.9,pattern diameter:φ18	190259000009
30	Gobo3	φ25.9,pattern diameter:φ18	190259000010
31	Gobo4	φ25.9,pattern diameter:φ18	190259000011
32	Gobo5	φ25.9,pattern diameter:φ18	190259000012
33	Gobo6	φ25.9,pattern diameter:φ18	190259000013
34	Gobo7	φ25.9,pattern diameter:φ18	190259000014
35	Yellow Filter	45.4x40.4	220709000009
36	Blackish Green Filter	45.4x40.4	220709000041
37	Blue Filter	45.4x40.4	220709000042
38	Green Filter	45.4x40.4	220709000043
39	Red Filter	45.4x40.4	220709000090
40	Orange Filter	45.4x40.4	220709000091
41	Light Purple Filter	45.4x40.4	220709000092
42	Pink Filter	45.4x40.4	220709000093
43	CMY-Cyan Filter 0°	55X60	220709000074
44	CMY-Cyan Filter 45°	55X60	220709000097
45	CMY-Yellow Filter 0°	55X60	220709000101
46	CMY-Yellow Filter 45°	55X60	220709000100
47	CMY-CTO Filter 0°	55X60	220709000072
48	CMY-CTO Filter 45°	55X60	220709000094
49	CMY-Magenta Filter 0°	55X60	220709000073
50	CMY-Magenta Filter 45°	55X60	220709000096

Attached 1: Fixture Exploded drawing



- 1.Base cover
- 2.Base panel module
- 3.Folding light hook left
- 4. Power switching supply
- 5.Base module
- 6.Folding light hook right
- 7.Base panel module
- 8. Front and rear cover of base
- 9.Arm bracket
- 10.Arm pan cover
- 11.Arm module
- 12.Lower body cover

- 13.Cooling module
- 14.Cutting module
- 15.Body cover
- 16.Focus lens module
- 17.Head cover
- 18.Gobo module