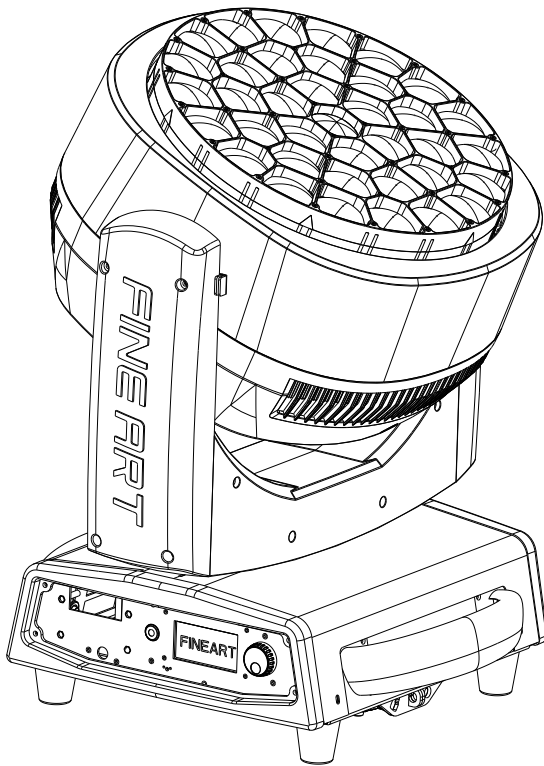**FINE ART**

USER MANUAL

FINE 4037/4037H/4037ZL PIXIE

Read the user manual before installing or operating this product.

Contents

Declaration

1. Safety information

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

DANGER!
Hazardous voltage.
Risk of severe or lethal electric shock.

DANGER!
Safety hazard.
Risk of severe injury or death.

DANGER!
Refer to manual before installing, powering or servicing.

Warning!
Fire hazard.

Warning!
Burn hazard.
Hot surface.
Do not touch.

Warning!
Risk of eye injury.
Safety glasses must be worn.

Warning!
Risk of hand injury.
Safety gloves must be worn.

For indoor use only

Do not direct lens to sun ray or strong light!

Do not actuate during operation

Replace any cracked protective shield

Minimum distance from lighted objects (metres)

Rated maximum ambient temperature

Luminaires not suitable for direct mounting on normally flammable surfaces (suitableonly for mountingon non-combustible surfaces)

WARNING!
Read the safety precautions in this section before installing, powering, operating or servicing this product.

After receiving the fixture, please unpack and check if there is any damage due to transportation. If any obvious damage or flaw is found, do not put it into use and contact the distributor or manufacturer as soon as possible.

This fixture is intended for professional use only.
When operating the fixture, attentions should be drawn to fire/electric-shock hazards and lethal injuries caused by fall.

Read this User Mannual before mounting and ennergizing the fixture. Observe the safety guideline and notice the warnings both in this User Mannual and on the fixture.
Yet any safety concerns not covered hereby, contact the distributor or service hot-line.

Protection against over heat
This fixture is suitable for indoor environment. its protection rating is IP20.
The fixture should be kept dry and avoid working in presence of moisture, over-heat or heavy smokes.

$t_a = 40°C$ The natural working temperature should be lower than 40 degrees. If the ambient temperature exceeds 40 degrees, please stop operating the unit immediately.

Protection against explosion

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

Protection against injury due to falls

To inspect that the structure and the truss hooks are in good condition and can bear about 10 times the weight of the fixture.
Ensure the cover and all riggings are securely fastened, safety wire is necessary to use as a secondary attachment.
Block access below the working area and work from a stable platform while installing, servicing or moving the fixture.

Protection against electrical shock

All connections or maintenances must be performed by a qualified person with technical certificate.
Make sure that the mains power supply you use is up to local construc-tion and electronic code regulation, the over-load protection reliable earthing is essential.
Each fixture must be grounded correctly, and be installed according to related regulation.
Disconnect the fixture from mains supply before replacing any fuse.
Avoid using the fixture in damp environment.

Protection against burning or fire

Do not attempt to bypass the thermostat switch or fuse.
Replace defective fuses with specified ratings only.
Keep flammable materials far away from the fixture. Minimum distance from the flammable materials is 0.5m.

Under the steady working state, the max temperature of exterior surface is 70℃, Please don't touch the moving head during movement.
The minimum distance between the fixture and the lighted objects is 0.5m.
Do not revise the fixture or install any parts not from FINE ART.

2. Product introduction

2.1 Fixture profile dimensions
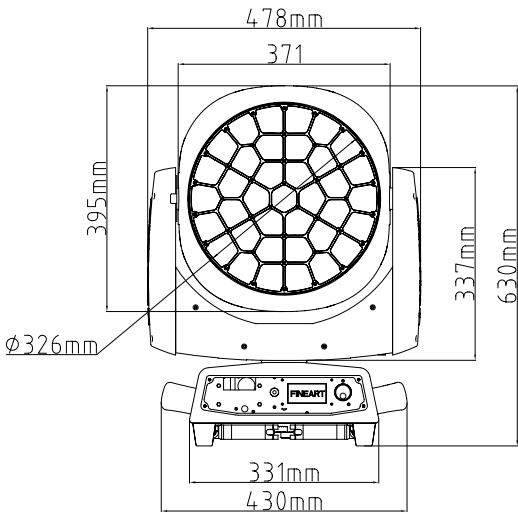
Fig.2.1-1
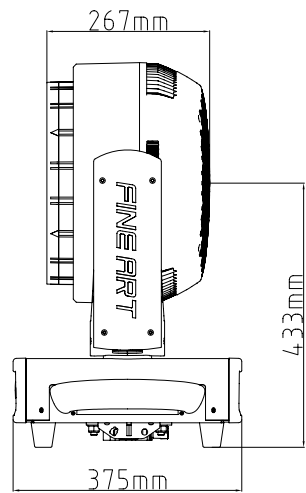
Fig.2.1-2

2.2 Fixture introduction
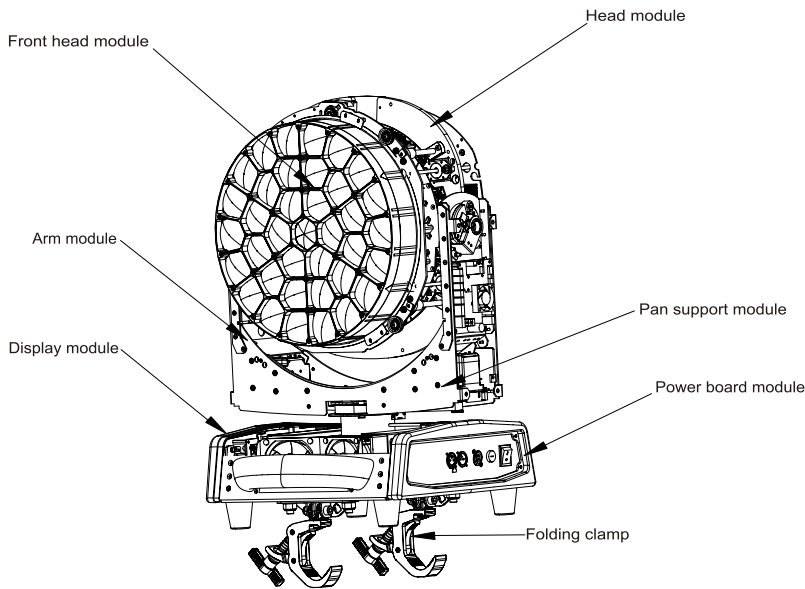
Fig.2.2-1

3. Package & delivery

3.1 Included items

FINE 4037 PIXIE LED is packed with flight case.One single standard flight case carries two fixtures, Included items listed below (shown as table 3.1-1):

Accessories	QTY	UNIT
User manual	1	PCS
Warranty card	1	PCS
Female plug	1	PCS
Signal cable	1	PCS
Safety wire	1	PCS
Fuse	2	PCS

Table 3.1-1

3.2 Transportation lock

For the ease of transit, there is a protective lock in the tilt, the light output faces tilt towards the base while the zoom lens assembly retracts into the body, shown as Fig.3.2-1.
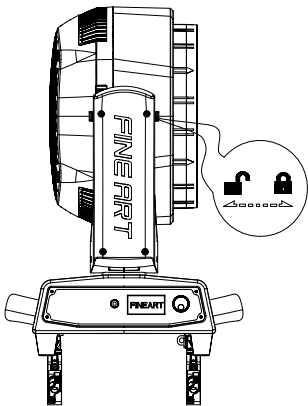
Fig.3.2-1

3.3 Fixture Package

1. Before packaging, please shrink the head into the light body, and disconnect the fixture from power supply and wait at least 5 minutes for cooling.
2. Remove dust on the exterior surface and tight the Tilt lock.
3. Pack the fixture with an inner bag, grasp both handles on the base and carefully upside down the fixture, and gently place it onto the intended mounting recesses within the road-case.
4. Pack the included accessories into the road-case.
5. Road-case stacking do not exceed 2 layers and upside down the road-case is not allowed.
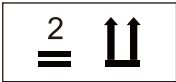
3.4 Unpacking

1. Open the road-case and unpack the inner bag.
2. Two person on each side grab the handle of the device, lifts the lamp out of the air box after lifting it up, then opens the top cover and side cover of the flight case. Pushes the two light clamps outward to the base, and hook the light clamp to the lift Hang up. Tighten the light-cranked disc nut, and then raise the boom to the point where the light exits the flight case and finally push the air box away.

| ⚠️ Warning | Inspect the units upon reception. If there is any ecident damage due to transit, do not use the units and notify FINE ART local distributor or contact Guangzhou CHAI YI LIGHT Co.ltd directly. |

4. Installation

User must be termly check the fixture and its install materials, if you are non-qualified to check that, please contact the professional person. Wrong installation will result in fatal hazard.

The fixture working ambient temperature are between-10℃ ~ 40℃, When ambient temperature over the range, don't operate the fixture. When the fixture are in installa-tion, teardown, remove or servicing, don't stand in under the fixture. Operator must be insure the fixture are safely connected. The input power supply must match the specific type demanded by the fixture. Make sure the installation check annually by profession-al person.

4.1 Installing riggings

FINE 4037 PIXIE LED has its own integrated suspension fastener, which can be quick and easily locked on the bracket, shown as follow.
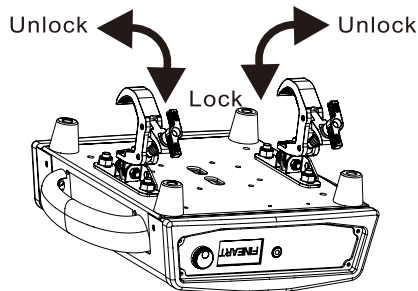
Fig.4.1-1

| ⚠️ Warning | It is necessary to lock the suspension completely to avoid causing safety accidents. |

4.2 Equipment installation

1. To inspect the truss hook/rigging are in good condition and can bear about 10times the weight of the light fixture.Be sure the truss or pipe construction can bear 10times the weight of all equipments including lights, truss hooks, cables and accessories.
2. Adjust the truss to be perpendicular to the base.
3. Hook fixture on fixed bracket, then lock truss.
4. If the truss can be lift automatic up and down, the light fixture can be lifted and hooked from flight case directly. When the lights equipments need to lift high, the working area below should have some barrier to ensure the installation works operated under safety condition. Finally suspend the fixture onto the truss and fasten clamps all and lift truss totally.
5. Connect a safety rope which can bear 10 times weight of the fixture, the attachment is designed to fit a clamp.
6. Check the transportation lock have been unlocked, Be sure there is no exp-losive or inflammable materials around the fixture in 0.5 meter around.
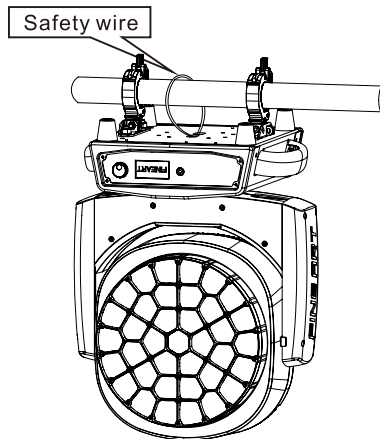
Safety wire

Fig.4.2-1

⚠ **Warning** The safety wire should attached to the hole on the mounting plate. Do not tie the safety wire to the handles instead.

900   900
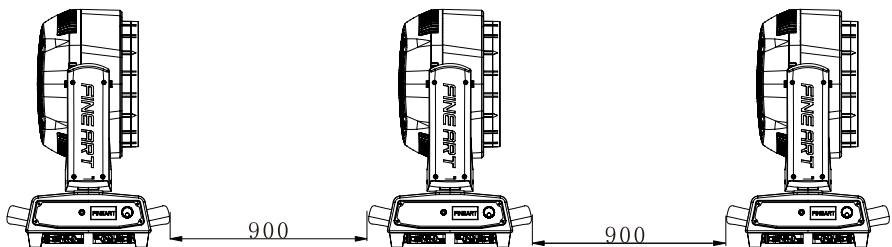
Fig.4.2-2

The fixtures must be placed upright, minimum spacing between each twofixtures in an array is 900mm, arrangement layout as shown in Fig.4.2-2.

4.3 Tips for data link

Data linkage for the fixture may be provided by DMX512 connection and wireless linkage

●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.
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.
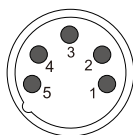
5-pin XLR connector
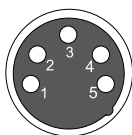
Pin1: GND
Pin2: Signal(-)
Pin3: Signal(+)
Pin4/5:empty
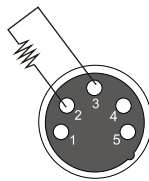
Terminator

Terminator specification: a 120Ω plug-in resistor with rated power of 0.25W, soldered between pin 2 and pin 3 at the end of respective data link.

Fig.4.3-1

Connect the 5-pin XLR output of a lighting controller to the 5-pin XLR input of a first fixture on the link, then connect the 5-pin output of the said first fixture to the 5-pin XLR input of a second fixture. Similarly, repeat the above connection step and end the data link with a plug-in terminator. Shown as Fig. 4.3-2 .

controller   input   output   input   output   input   output   terminator
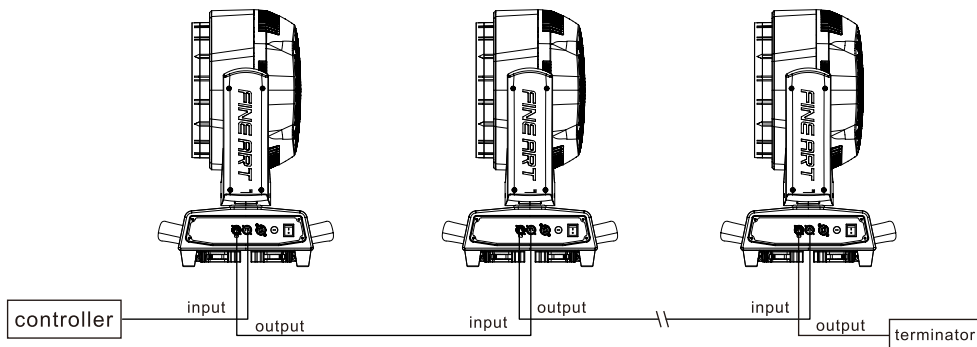
Fig.4.3-2

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.

●Wireless transmission(optional)
1.Customer might choose wireless edition fixture which supports wireless data trans-
    mission. 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.4.3-3.

Notice:
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 location: Far away from the distractions, such as the WLAN antenna.

controlled fixture

wireless transceiver

console
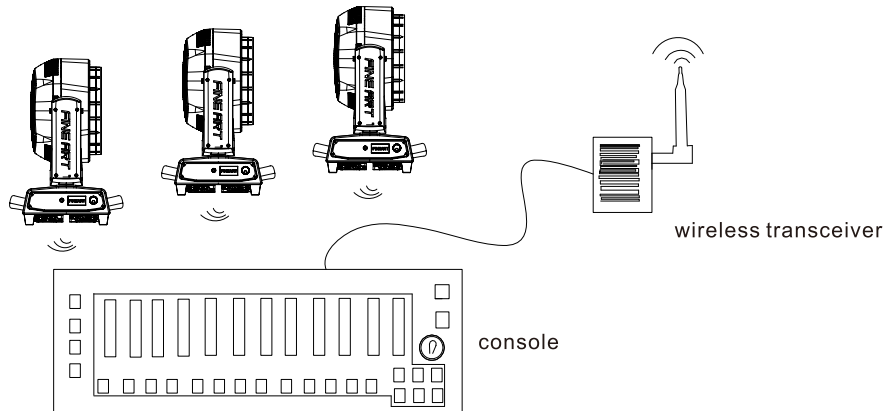
Fig.4.3-3

5. AC power supply

5.1 Fuses

Power supply and fuses' type and rating:

Power	Fuse
100-240V~	15A 6.35X31.8

(Fig5.2-1)

5.2 Power connection

Note: Type X 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.

1. 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 2-pin socket. Please according to table 5.2-1 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.
2. When power is supplied, put the base switch to the position "I".

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

(Fig5.2-2)

6. Control panel

6.1 Control panel introduction
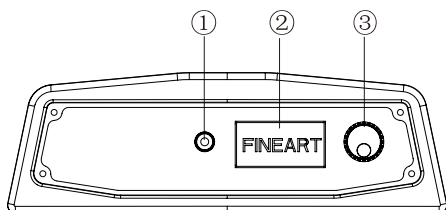
Fig.6.1-1
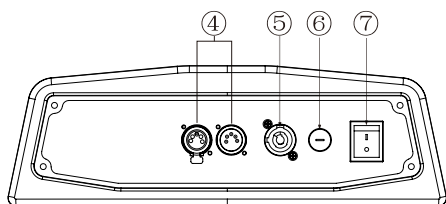
1.Exit
2.LCD display
3.Enter
4.DMX interface
5.Power input
6.Fuse
7.Power switch

Fig.6.1-2

6.2 Control panel operational instruction

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. Press ⊙ button to trigger the built-in battery(note:optional function) for startup fixture and enter the main menu interface for menu operation .
   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.
   ► Indicates that there are optional functions for editing or parameter adjustment in the next level submenu.
3. Jog wheel:
   3.1 Press down the jog wheel: enter an item/save the present value. Holds for a few more second, it will return to upper menu.
   3.2 Clockwise rotate: scroll down the page/increase the parameter value.
   3.3 Counterclockwise rotate: scroll up the page/decrease the parameter value.
4. LED signal indication
   DMX512 signal input: The LED light is on and the dot appears on the right side of the address code.
5. Fan control
   When used in places with low ambient temperatures such as theaters, can choose the silent mode.

Operation chart for the display panel function

Menu	Item	Options	Notes(Default settings in bold print)
Address Setting		001-512	DMX address
Specification Setting	Pan Invert	On	Reverse DMX pan control, R->L
		Off	Normal DMX pan control, L->R
	Tilt Invert	On	Reverse DMX tilt control, D->U
		Off	Normal DMX tilt control, U->D
	Pan/Tilt Swap	On	DMX exchange pan&tilt controlling channel
		Off	Normal pan&tilt controlling channel
	DMX Mode	Standard	Standard controlling mode
		RGB	RGB controlling mode
		RGBW	RGBW controlling mode
		SHAP	SHAP controlling mode
	Exit		Return to the last menu
Speed Setting	Pan/Tilt Speed	Fast	Optimize rotation speed
		Normal	Medium rotation speed
		Slow	Smoothest rotation speed
	Pan/Tilt Smooth	000 ~ 007	Optimize pan&tilt rotation s
	Gobo/Color	Normal	Normal speed of gobo&color change
		Fast	Optimize speed of gobo&color change
	Dimmer Curve	Gm10	Choose different dimmer curve
		GM15	
		Gm20	
	Dimmer Smooth	000 ~ 003	Optimize dimmer smooth
	Exit		Return to the last me

Manual Control	Red	000 ~ 255	Through panel menu adjust channel values correspondingly
	Red Fine	000 ~ 255	
	Green	000 ~ 255	
	Green Fine	000 ~ 255	
	Blue	000 ~ 255	
	Blue Fine	000 ~ 255	
	White	000 ~ 255	
	White Fine	000 ~ 255	
	CTC	000 ~ 255	
	Color Macro	000 ~ 255	
	Strobe	000 ~ 255	
	Dimmer	000 ~ 255	
	Dimmer Fine	000 ~ 255	
	Pan	000 ~ 255	
	Pan Fine	000 ~ 255	
	Tilt	000 ~ 255	
	Tilt Fine	000 ~ 255	
	Function control	000 ~ 255	
	Reset	000 ~ 255	
	Zoom	000 ~ 255	
	Prism rotation	000 ~ 255	
	Shape Selection	000 ~ 255	
	Shape Speed	000 ~ 255	
	Shape Fade	000 ~ 255	
	Shape R	000 ~ 255	
	Shape G	000 ~ 255	
	Shape B	000 ~ 255	
	Shape W	000 ~ 255	
	Shape Dimmer	000 ~ 255	
	Background Dimmer	000 ~ 255	
	Shape Transition	000 ~ 255	
	Shape Offset	000 ~ 255	
	Shape Strobe	000 ~ 255	
	Background Strobe	000 ~ 255	
	Background Selection	000 ~ 255	
	Exit	000 ~ 255	Return to the last menu

Calibration	Pan	0000~FFF0	Zero setting and calibration deviations of every channel
	Tilt	0000~FFF0	
	Zoom	0000~FFF0	
	Prism rotation	0000~FFF0	
	Exit		Return to the last menu
DMX VALUES	Receive01~ Receive48	000 ~ 255	Display every DMX channel value received
	Exit		Return to the last menu
Password	Code01~ Code16	000 ~ 255	Modify restriction of using times and call in verification code when reloading Default setup
	Exit		Return to the last menu
Personality	Display	Keep	Backlight remains
		60s	Shut down backlight if no operation in 60 seconds
	Brightness	10%~100%	Adjust display brightness
	Display revert	On	Display revert
		Off	Normal display
	Language	Chinese	Menu in Chinese
		English	Menu in English
	Receive Mode	DMX	DMX512 transmission mode
		WDMX	Wireless transmission mode
		ENET	Ethernet transmission mode
		EDMX	Ethernet to DMX transmission mode
	Universe	000~255	Art-Net Ethernet node setup
	IP AddressA	002~010	The defaulted IP should be 2.?.?.? for the product with Art-net
	IP Address B	000~255	Reserve
	IP Address C	000~255	Reserve
	IP Address D	000~255	Reserve
	Load Config 1	Load	Reload previous setup one
		Save	Save present setup as setup one
	Load Config 2	Load	Reload previous setup two
		Save	Save present setup as setup two
	Load Factory setting	Load	Reload default setup
		Save	Save as default setup
	Program update	On	Reserve
		Off	

		On	Disconnect to wireless emitter
Personality	Wireless Unlink	Off	Connect to wireless emitter
	Fixture Type	F4037	Modify fixture type
	Sleep Mode	On	Sleep mode enabled
		Off	Sleep mode disabled
	Error display	On	Error display enabled
		Off	Error display disabled
	Exit		Return to the last menu
Information	Power On Time	0000~9999	Power on time inquiry (unit：hour)
	Lamp On Time	0000~9999	Lamp on time inquiry (unit：hour)
	Dimming Time	0000~9999	Dimming time inquiry (unit：hour)
	CPU Board Temp	00℃~99℃	Main PCB temperature inquiry
	CPU Board Version	Vx.xx	Main PCB version inquiry
	Manufacturer ID	0000-7FFF	RDM manufacturer ID
	Device ID	00000000-FFFFFFFF	RDM user ID
	FAN 1 Speed	0000~9999	Display speed of fan , (unit：RPM)
	FAN 2 Speed	0000~9999	
	0: P/T Driver Board Temp	00℃~99℃	0:PT board temperature inquiry
	0: P/T Driver Board Version	Vx.xx	0:PT board version inquiry
	1:LED Board Temp	00℃~99℃	1:LEDboard temperature inquiry
	1:LEDBoard Version	Vx.xx	1:LEDboard version inquiry
	Exit		Return to the last menu
Sensor Monitor	Pan	Normal	Normal function corresponding sensor work normally
	Tilt		
	Zoom	Error	Corresponding sensor works abnormally
	Prism rotation		
			Return to the last menu
Reset All Systems		Execute	Reset the fixture to original settings
		Cancel	Do not reset the fixture to original settings
Exit			Quit menuand back to "main menu"

1. Roller with button function:
● Press the button:
  Enter the menu / Save the modified value, and long press to return to the previous menu.
● Clockwise rotation:
  Scroll down the menu to select the cursor / Increase the modified parameter values.
● Counterclockwise rotation:
  scroll up the menu to select cursor / reduce the modified parameter values.
2. Reverted display control:
  First press Escape key and hold it, and then press ENTER key to rotate 180 degrees display.

7. Technical feature

Light source:
37pcs 40W, 4 in 1 OSRAM leds
Average Life Span>50000h

Optical system:
Beam angle: 4~60°
Glass light guide rod+High-quality PMMA optical lens

Color system:
RGBW 4 in 1

Effect:
All-optical domain dimming, 65536 grade dimming accuracy
Fast strobe: 1-25Hz
Preset 65 color macro functions
Preset 64 effect macro functions

MOVEMENT PARAMETER:
Angle: Pan 540°, Tilt 240°
Precision: Pan=2.11°, Pan Fine=0.008°, Tilt=0.94°, Tilt Fine=0.0037°

CONTROL AND PROGRAMMING:
Control channel: 4 kinds of control channel modes(21/ 35/132/169)
Protocol: Standard DMX512,wireless DMX512 for option
Menu display: LCD display (3.5 inches), resolution ratio: 128 x 64; random switch of
Chinese and English language; menu available to display 180° reversely
Non-contacting wheel operation mode
DMX Signal Connection: 3pin/5pin XLR input/output

Electronic control Technology:
Fixture reset is controlled through menu or light console
0-100% dimmer
Constant current drive mode
Temperature sensor, intelligently adjust the light source power
DMX channel level monitoring
Fixture information query

Intelligent fan speed adjustment
Initial brightness setting for all colors
Over current, over voltage and overheating protection

CTO	9	9	9	9	8	Color temperature 6500K
					9	Color temperature 8000K
					10 ->255	Color temperature from 8000K to 2700K
Macro	10	10	10	10	0 ->9	No Funtion
					10 ->255	Macro color effect
Strobe	11	11	11	11	0 ->3	CLOSED
					4 ->103	Pulse Strobe,slow->fast,1Hz-25Hz
					104 ->107	OPEN
					108 ->207	Strobe,slow->fast,1Hz-25Hz
					208 ->212	OPEN
					213 ->251	Random Strobe,slow->fast
					252 ->255	OPEN
Dimmer	12	12	12	12	0->255	Dimmer Tuning
Dimmer fine	13	13	13	13	0->255	Dimmer Fine
Pan	14	14	14	14	0->255	Pan Tuning
Pan fine	15	15	15	15	0->255	Pan Fine
Tilt	16	16	16	16	0->255	Tilt Tuning
Tilt fine	17	17	17	17	0->255	Tilt Fine
Function	18	18	18	18	0->255	Reserved
Reset	19	19	19	19	0->25	No Function
					26 >76	ZOOM Reset
					77->127	Pan/Tilt Reset
					128 ->255	All Reset
Zoom	20	20	20	20	0->255	Spot angle from small to big
Lenses Rotation	21	21	21	21	0->255	Lens rotation,from slow to fast
Shape Selection		22->132	22->169	22	0->255	Separate control on single LED under stnd,RGB,RGBW mode
Shape Speed				23	0->63	Static shape
					64->158	Speed from fast to slow
					159->160	Stop
					161->255	Speed from slow to fast
Shape Fade				24	0->15	no fade -in/out function
					16->255	fade-in/out function and curve for option

ELECTRIC:

100-240V~ 50/60Hz power supply
Input Power: FINE 4037 PIXIE: 1350W, FINE 4037H PIXIE:1600W,
                FINE 4037ZL PIXIE: 1020W
Input current: FINE 4037 PIXIE: 13.5A, FINE 4037H PIXIE:16A,
                FINE 4037ZL PIXIE: 10.2A

PF≥0.98

WORKING TEMPERATURE:

Temperature: -10℃~40℃

DIMENSION AND WEIGHT:

Fixture Dimension: 430×479×565mm
Package Dimension: 936×531×858mm
Net Weight: 31.5 kg (fixture)
Gross Weight: 110.5 kg (flight case)

PACKAGE:

2pcs /flight case
1pcs/carton

IP RATE:

IP 20

8. Control Channel

Specific	Stnd	RBG	RGBW	SHAP	Value	Function
Red	1	1	1	1	0->255	Red Tuning
Red fine	2	2	2	2	0->255	Red Fine
Green	3	3	3	3	0->255	Green Tuning
Green fine	4	4	4	4	0->255	Green Fine
Blue	5	5	5	5	0->255	Blue Tuning
Blue fine	6	6	6	6	0->255	Blue Fine
White	7	7	7	7	0->255	White Tuning
White fine	8	8	8	8	0->255	White Fine
CTO	9	9	9	9	0->3	No Function
					4	Color temperature 2700K
					5	Color temperature 3200K
					6	Color temperature 4300K
					7	Color temperature 5600K

Shape R				25	0->255	shape red dimmer
Shape G				26	0->255	shape green dimmer
Shape B				27	0->255	shape blue dimmer
Shape W				28	0->255	shape white dimmer
Shape Dimmer				29	0->255	Shape main dimmer
Background				30	0 >255	Background Dimmer
Transition				31	0->4	no delay for transition
					5->255	delay transition duration 100ms->4s
Shape Offset				32	0->255	Adjustment of shape angle or intensity
Shape Strobe				33	0->3	CLOSED
					4->103	Pulse Strobe, slow->fast, 1Hz~25Hz
					104->107	OPEN
					108->207	Strobe, slow-> fast, 1Hz~25Hz
					208->212	OPEN
					213->251	Random Strobe, slow->fast
					252->255	OPEN
Background				34	0->3	CLOSED
					4->103	Pulse Strobe, slow->fast, 1Hz-25Hz
					104->107	OPEN
					108->207	Strobe,slow->fast,1Hz-25Hz
					208->212	OPEN
					213->251	Random Strobe,slow->fast
					252->255	OPEN
Background Select				35	0->8	No Funtion
					9->23	Background shape Select
					24->254	No Select
					255	Mirror image enable

9. Routine maintenance

This fixture requires routine cleaning. The service life depends on the operating envir-onment heavily. Please kindly contact CAIYI related technical personnel for more maintenance information not included in this user's manual.
Notice: Excessive dust, smoke fluid and particulate buildup will degrade performance and cause overheating 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.

10. Parts Code

Item	Specification	P/N
DMX board		330386100002
Display board		330395100125
Power Switch	Vin: 90-264VAC; OUT: 48Vdc/34.5A; 28Vdc/5.4A	330001200075
LED board1		330712100103
LED board2		330712100104
Signal board1		330712100101
Signal board2		330712100102
Transform board		330712100093
XY driver board		330712100105

Attached 1: Exploded view
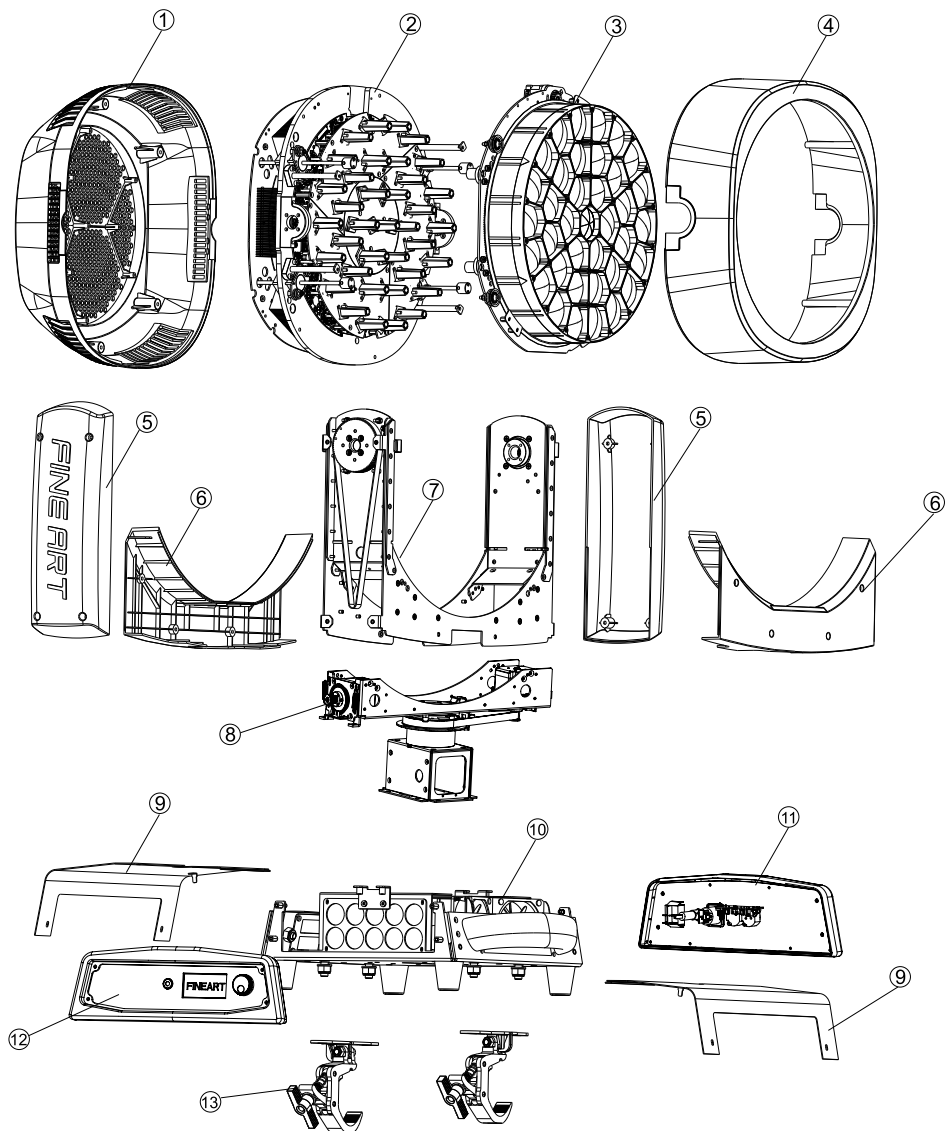
1	Back casing	2	Head module	3	Front head module
4	Front casing	5	Yoke casing	6	Pan support casing
7	Arm module	8	Pan support module	9	Base cover
10	Base module	11	Power panel module	12	Operating panel module
13	Folding clamp				

Attached2： Photometric diagram

FINE 4037 PIXIE (Min Angel)

R(lux)	0	67140	16785	7460	4196	2686	1865
G(lux)	0	106020	26505	11780	6626	4241	2945
B(lux)	0	16020	4005	1780	1001	641	445
W(lux)	0	160290	40073	17810	10018	6412	4453
Full(lux)	0	328500	82125	36500	20531	13140	9125

4°
(1/2 Peak)

7°
(1/10 Peak)

Distance(m)	0	2	4	6	8	10	12
4°(1/2Peak)Diameter(m)	0	φ0.16	φ0.33	φ0.49	φ0.66	φ0.82	φ0.99
7°(1/10Peak)Diameter(m)	0	φ0.25	φ0.51	φ0.76	φ1.01	φ1.27	φ1.52
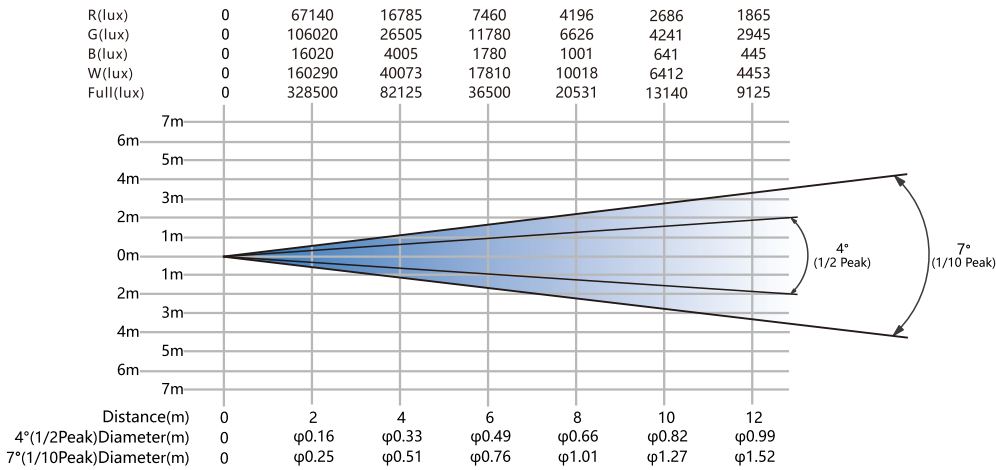
FINE 4037 PIXIE (Max Angel)

R(lux)	0	2396	599	266	150	96	67
G(lux)	0	3994	998	444	250	160	111
B(lux)	0	624	156	69	39	25	17
W(lux)	0	5698	1425	633	356	228	158
Full(lux)	0	12015	3004	1335	751	481	334

35°
(1/2 Peak)

60°
(1/10 Peak)

Distance(m)	0	2	4	6	8	10	12
35°(1/2Peak)Diameter(m)	0	φ1.26	φ2.52	φ3.78	φ5.04	φ6.3	φ7.56
60°(1/10Peak)Diameter(m)	0	φ2	φ4	φ6	φ8	φ10	φ12
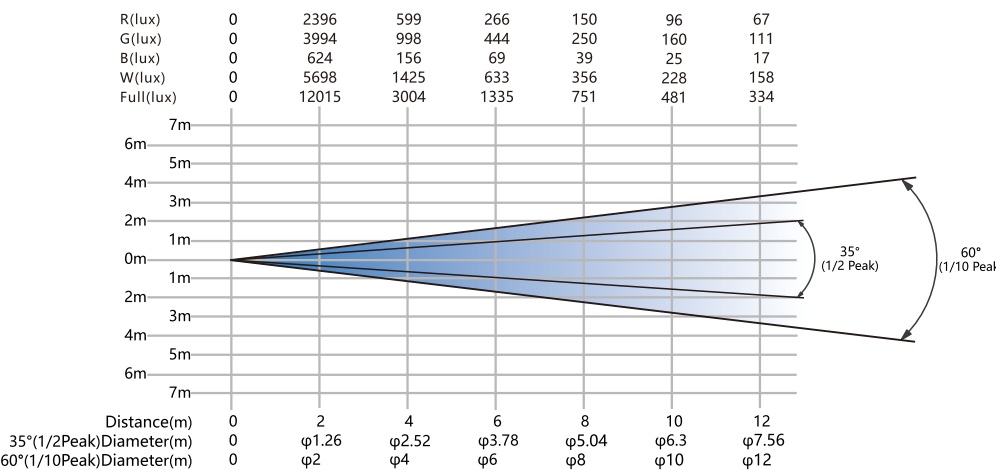
FINE 4037H PIXIE (Min Angel)

R(lux)	0	70650	17663	7850	4416	2826	1963
G(lux)	0	153810	38453	17090	9613	6152	4273
B(lux)	0	18180	4545	2020	1136	727	505
W(lux)	0	179190	44798	19910	11199	7168	4978
Full(lux)	0	396000	99000	44000	24750	15840	11000

Distance(m)	0	2	4	6	8	10	12
4°(1/2Peak)Diameter(m)	0	φ0.16	φ0.33	φ0.49	φ0.66	φ0.82	φ0.99
7°(1/10Peak)Diameter(m)	0	φ0.25	φ0.51	φ0.76	φ1.01	φ1.27	φ1.52
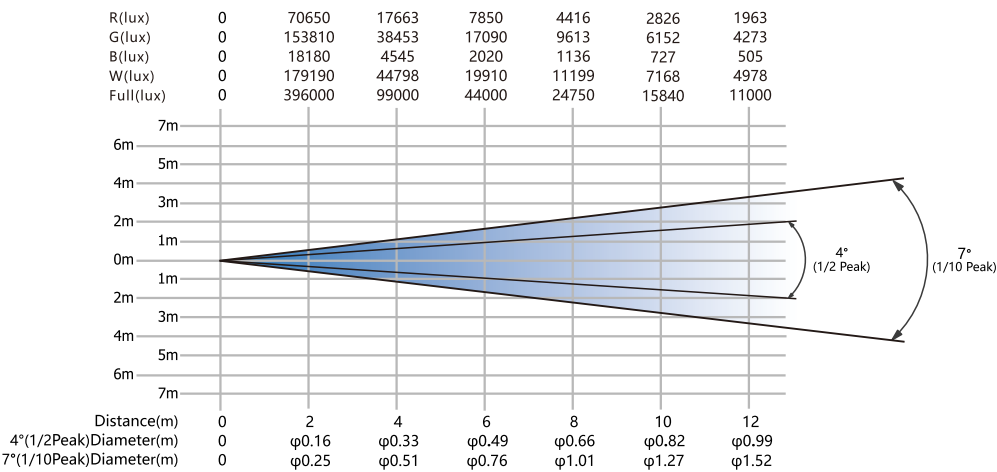
FINE 4037H PIXIE (Max Angel)

R(lux)	0	2391	598	266	149	96	66
G(lux)	0	5322	1330	591	333	213	148
B(lux)	0	656	164	73	41	26	18
W(lux)	0	5989	1497	665	374	240	166
Full(lux)	0	13438	3359	1493	840	538	373

Distance(m)	0	2	4	6	8	10	12
35°(1/2Peak)Diameter(m)	0	φ1.26	φ2.52	φ3.78	φ5.04	φ6.3	φ7.56
60°(1/10Peak)Diameter(m)	0	φ2	φ4	φ6	φ8	φ10	φ12
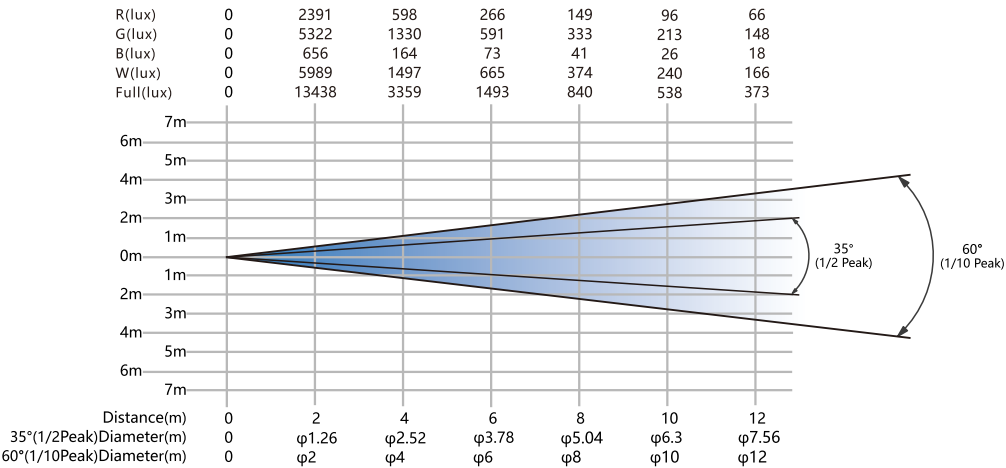
FINE 4037ZL PIXIE (Min Angel)

R(lux)	0	41400	10350	4600	2588	1656	1150
G(lux)	0	105750	26438	11750	6609	4230	2938
B(lux)	0	17478	4370	1942	1092	699	486
W(lux)	0	130950	32738	14550	8184	5238	3638
Full(lux)	0	270450	67613	30050	16903	10818	7513

Distance(m)	0	2	4	6	8	10	12
4°(1/2Peak)Diameter(m)	0	φ0.16	φ0.33	φ0.49	φ0.66	φ0.82	φ0.99
7°(1/10Peak)Diameter(m)	0	φ0.25	φ0.51	φ0.76	φ1.01	φ1.27	φ1.52
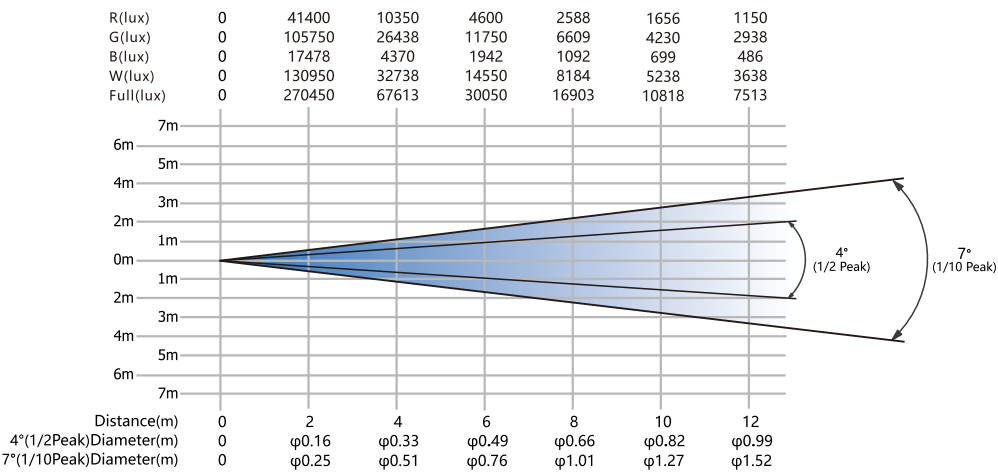
FINE 4037ZL PIXIE (Max Angel)

R(lux)	0	1934	484	215	121	77	54
G(lux)	0	4933	1233	548	308	197	137
B(lux)	0	840	210	93	52	34	23
W(lux)	0	6061	1515	673	379	242	168
Full(lux)	0	12500	3125	1389	781	500	347

Distance(m)	0	2	4	6	8	10	12
35°(1/2Peak)Diameter(m)	0	φ1.26	φ2.52	φ3.78	φ5.04	φ6.3	φ7.56
60°(1/10Peak)Diameter(m)	0	φ2	φ4	φ6	φ8	φ10	φ12