ANIMA W

CONTENTS

1. Safety Instructions

Please read the instruction carefully which includes important information about the installation, usage and maintenance.

WARNING

Please keep this User Guide for future consultation. If you sell the unit to another user, be sure that they also receive this instruction manual.

Important:

Damages caused by the disregard of this user manual are not subject to warranty. The dealer will not accept liability for any resulting defects or problems.

- Unpack and check carefully to ensure that there is no transportation damage before using the unit.
- This product is for indoor use only. Use only in a dry location.
- DO install and operate by qualified operator.
- DO NOT allow children to operate the fixture.
- Use safety chain when fixing the unit. Handle the unit by carrying its base instead of head only.
- The unit must be installed in a location with adequate ventilation, at least 50cm from adjacent surfaces.
- Be sure that no ventilation slots is blocked, otherwise the unit will be overheated.
- Before operation, ensure that you are connecting this product to the proper voltage in accordance with the specifications in this manual or on the product's specification label.
- It's important to ground the yellow/green conductor to earth in order to avoid electric shock.
- Minimum ambient temperature TA: 0℃. Maximum ambient temperature TA: 40℃. Do not operate this product at a lower or higher temperature.
- DO NOT connect the device to any dimmer pack.
- Keep flammable materials away from the fixture while operating to avoid fire hazard.
- Make sure the power cord is not crimped or damaged; replace it immediately if damaged.
- Unit's surface temperature may reach up to 60℃. DO NOT touch the housing bare-handed during its operation.
- Avoid any flammable liquids, water or metal from entering the unit. Once it happens, cut off the mains power immediately.

- DO NOT operate in a dirty or dusty environment. DO clean the fixture regularly.

- DO NOT touch any wire during operation as there might be a hazard of electric shock.

- Avoid entanglement of the power cord with other wires.

- The minimum distance to objects/surface must be more than 0.5 meters.

- In the event of serious operating problem, stop using the unit immediately.

- Never turn on and off the unit time after time.

- The housing, the lenses, or the ultraviolet filter must be replaced if they are visibly damaged.

- DO NOT open the housing as there are no user serviceable parts inside.

- DO NOT attempt to operate this unit if it becomes damaged. DO NOT attempt any repairs yourself. Repairs carried out by unskilled people can lead to damage or malfunction. Please contact the nearest authorized technical assistance center if needed.

- Disconnect this product from its power source before servicing.

- DO use the original packaging if the device is to be transported.

- Avoid direct eye exposure to the light source while the product is on.

- DO NOT operate this product if you see damage on the housing, shields, or cables. Have the damaged parts replaced by an authorized technician at once.

2. Technical Specifications

Power Voltage:

100-240V~ 50/60Hz

Power Consumption:

110W

Light Source:

36x3W WW LED

Color Temperature:

2700K

Beam Angle:

4°(standard)/8°/12°/25°/45°

Dimmer/Shutter:

Smooth dimmer from 0-100%; outstanding variable speed strobe effect

Control:

DMX Channel: 42/40/36 Channels

Control Mode: DMX512, RDM

Firmware Upgrade via DMX link

Construction:

Display: OLED display

Data In/Out: 3-pin XLR (5-pin XLR is optional)

Power In/Out: Power Connector in/out

Protection Rating: IP20

Features:

Compact design, light in weight
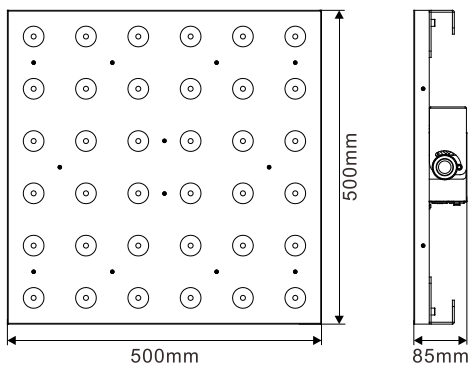
Multiple units can be split-jointed horizontally with connecting board

LED can be controlled pixel by pixel, delivering versatile effects

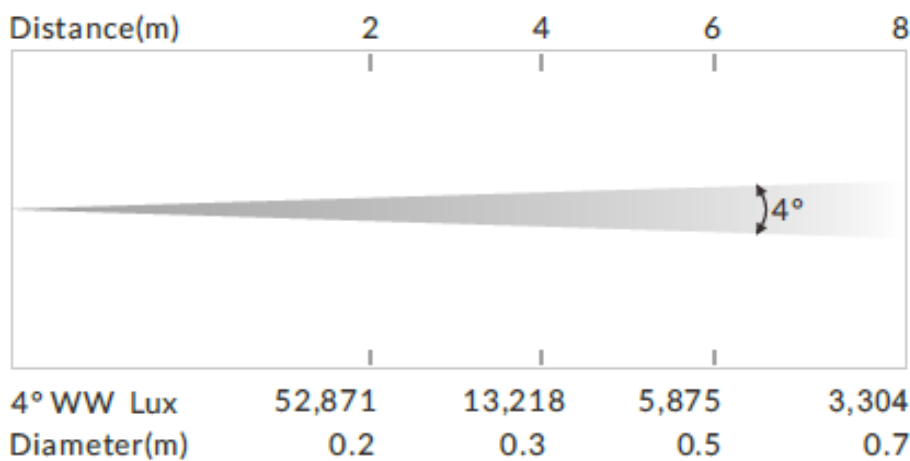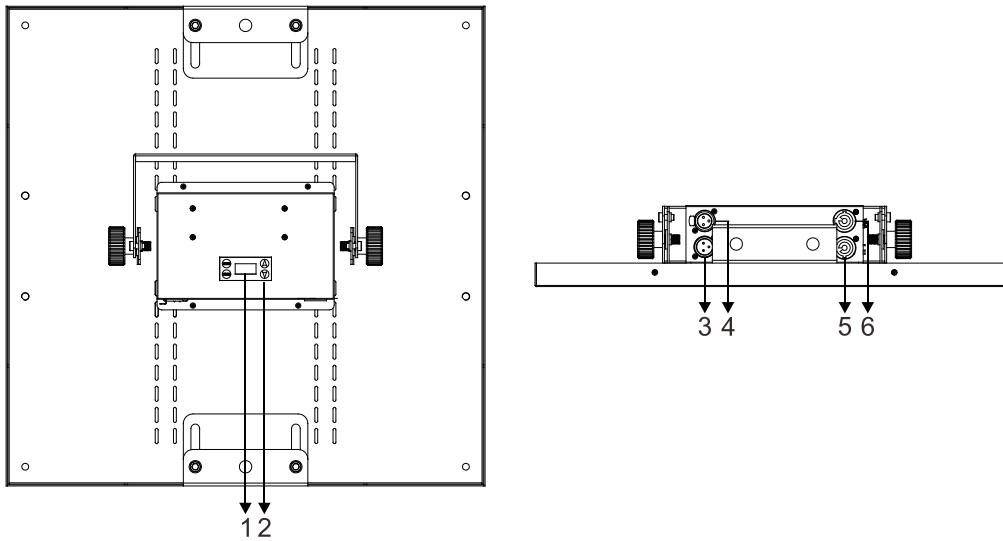**Dimensions/ Weight:**

500x85x500mm, 9.3kgs

19.7"x3.3"x19.7"in, 20.5lbs

Photometric Diagram:

Distance(m)	2	4	6	8
4° WW Lux	52,871	13,218	5,875	3,304
Diameter(m)	0.2	0.3	0.5	0.7

3. Control Panel

1. Display: To show the various menus and the selected function

2. Button:

MENU	To enter into move backward or leave the menu
UP	To go backward to move up in the menu
DOWN	To go forward to move down in the menu
ENTER	To perform the desired functions

3. DMX IN:

For DMX512 link, use 3-pin XLR cable to link the unit and DMX controller (5-pin XLR is optional)

4. DMX OUT:

For DMX512 link, use 3-pin XLR cable to link the next units (5-pin XLR is optional)

5. POWERCON IN: Connects to supply power

6. POWERCON OUT: Connects to the next fixture

4. Installation

The fixture should be fixed on the clamp. Always ensure that the unit is firmly fixed to avoid vibration and slipping off during operation. Ensure that the trussing or area of installation must be able to hold 10 times the weight without any deformation. Always install a safety cable that can hold at least 12 times the weight of the fixture when installing.

DO install and operate by qualified operator. It must be installed in a place where there is out of the reach of people.

1. Installation parallel to the plane

As shown in the figure, fix the clamp (B) on the hanger of the fixture by using screws and nuts (A) and lock the clamp (B) on the truss.
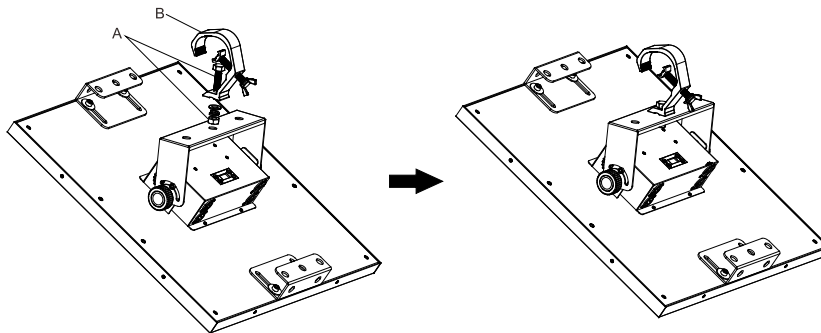
2. Installation vertical to the plane

As shown in the figure, fix the clamp (C) on the splicing plate (A) of the fixture by using screws and nuts (B) and lock the clamp (C) on the truss.
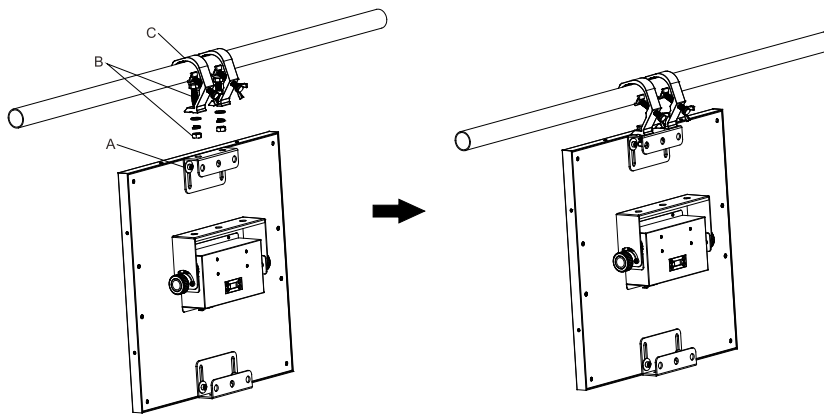
3. Multi-machine assembly

As shown in the figure, loosen the screws (A) of the splicing plate of the fixture. Then join the fixtures together in pairs and move the splicing plate, tighten the screws and fix them on the two fixtures; Fix the connecting plate (B) on the four corners of the fixtures by using screws and nuts so that the fixtures are spliced and fastened to each other; Fix the clamp (D) on the splicing plate of the fixture by using screws and nuts (C) and lock the clamp (D) on the truss.
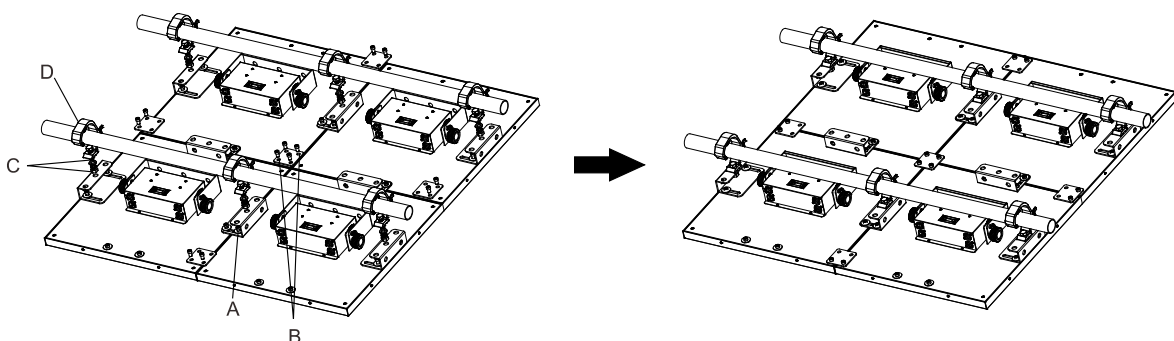
5. How To Set The Unit

5.1 Main Function

Turn on the unit, press the MENU button into menu mode, and press the UP/DOWN button until the required function is shown on the monitor. Select the function by pressing the ENTER button. Use the UP/DOWN button to choose the submenu, press the ENTER button to store and automatically return to the last menu. Press the MENU button or let the unit idle 30 seconds to exit menu mode.

The main functions are shown below:
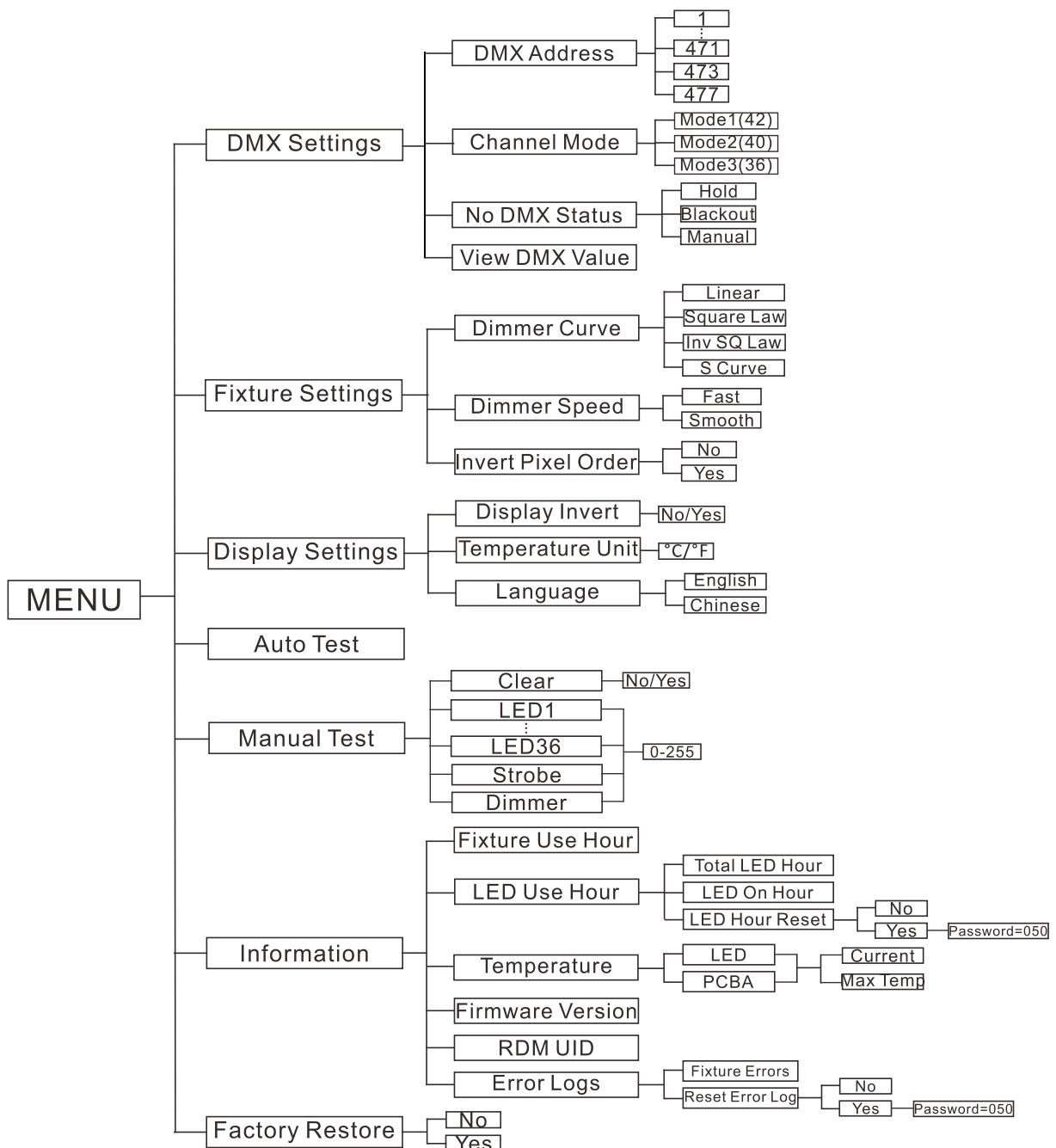
DMX Settings

To select **DMX Settings,** press the **ENTER** button to confirm, use the **UP/DOWN** button to select **DMX Address, Channel Mode, No DMX Status** or **View DMX Value.**

DMX Address

To select **DMX Address**, press the **ENTER** button to confirm. Use the **UP/DOWN** button to adjust the address from **001** to **471/473/477**, press the **ENTER** button to store. Press the **MENU** button back to the last menu or let the unit idle 30 seconds to exit menu mode.

Channel Mode

To select **Channel Mode**, press the **ENTER** button to confirm. Use the **UP/DOWN** button to select **Mode1(42), Mode2(40)** or **Mode3(36)**, press the **ENTER** button to store. Press the **MENU** button back to the last menu or let the unit idle 30 seconds to exit menu mode.

No DMX Status

To select **No DMX Status**, press the **ENTER** button to confirm. Use the **UP/DOWN** button to select **Hold**(fixture continues to obey the last command it received Via DMX if DMX signal stops), **Blackout**(fixture blacks out if DMX signal stops), or **Manual**(the fixture will automatically read the DMX value in the "Manual Test" menu for operation after selecting this mode), press the **ENTER** button to store. Press the **MENU** button back to the last menu or let the unit idle 30 seconds to exit menu mode.

View DMX Value

To select **View DMX Value**, press the **ENTER** button to confirm. Use the **UP/DOWN** button to view the DMX channel value. Press the **MENU** button back to the last menu or let the unit idle 30 seconds to exit menu mode.

Fixture Settings

To select **Fixture Settings**, press the **ENTER** button to confirm, use the **UP/DOWN** button to select **Dimmer Curve, Dimmer Speed** or **Invert Pixel Order.**

Dimmer Curve

To select **Dimmer Curve**, press the **ENTER** button to confirm. Use the **DOWN/UP** button to select **Linear, Square Law, Inv SQ Law** or **S Curve**, press the **ENTER** button to store. Press the **MENU** button back to the last menu or let the unit idle 30 seconds to exit menu mode.

Dimmer Modes

Optically Linear	Square Law	Inverse Square Law	S-curve

Optically Linear: The increase in light intensity appears to be linear as DMX value is increased.

Square Law: Light intensity control is finer at low levels and coarser at high levels.

Inverse Square Law: Light intensity control is coarser at low levels and finger at high levels.

S-Curve: Light intensity control is finger at low levels and high levels and coarser at medium levels.

Dimmer Speed

To select **Dimmer Speed**, press the **ENTER** button to confirm. Use the **UP/DOWN** button to select **Fast** or **Smooth**, press the **ENTER** button to store. Press the **MENU** button back to the last menu or let the unit idle 30 seconds to exit menu mode.

Invert Pixel Order

To select **Invert Pixel Order**, press the **ENTER** button to confirm. Use the **UP/DOWN** button to select **Fast** or **Smooth**, press the **ENTER** button to store. Press the **MENU** button back to the last menu or let the unit idle 30 seconds to exit menu mode.

Display Settings

To select **Display Settings**, press the **ENTER** button to confirm, use the **UP/DOWN** button to select **Display Invert, Temperature Unit** or **Language.**

Display Invert

Select **Display Invert**, press the **ENTER** button to confirm, present mode will blink on the display, use the **UP/DOWN** button to select **No** (normal display) or **Yes** (invert display), press the **ENTER** button to store. Press the **MENU** button back to the last menu or let the unit idle 30 seconds to exit menu mode.

Temperature Unit

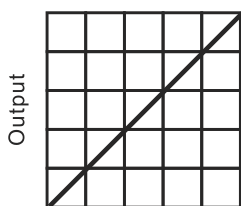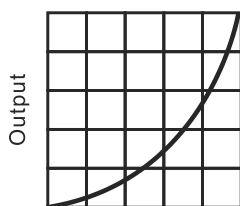Select **Temperature Unit**, press the **ENTER** button to confirm. Use the **UP/DOWN** button to select ℃ or ℉, press the **ENTER** button to store. Press the **MENU** button back to the last menu or let the unit idle 30 seconds to exit menu mode.

Language

Select **Language**, press the **ENTER** button to confirm, present mode will blink on the display, use the **UP/DOWN** button to select **English** or **Chinese**. Press the **MENU** button back to the last menu or let the unit idle 30 seconds to exit menu mode.

Auto Test

To select **Auto Test**, press the **ENTER** button to confirm, the unit will run built-in programs to automatically test its functions. Press the **MENU** button back to the last menu or exit menu mode after auto test.

Manual Test

To select **Manual Test,** press the **ENTER** button to confirm, use the **UP/DOWN** button to select **Clear, LED1, LED2……LED36, Strobe** or **Dimmer,** press the **ENTER** button to confirm, use the **UP/DOWN** button to adjust the value from **0** to **255**, press the **ENTER** button to store. Press the **MENU** button back to the last menu or let the unit idle 30 seconds to exit menu mode.
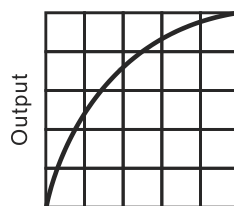
Information
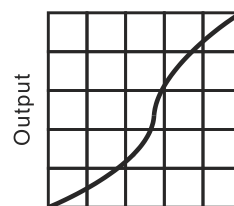
To select **Information**, press the **ENTER** button to confirm, use the **UP/DOWN** button to select **Fixture Use Hour, LED Use Hour, Temperatue, Firmware Version, RDM UID** or **Error Logs.**

Fixture Use Hour

Select **Fixture Use Hour**, press the **ENTER** button to confirm, fixture use hour will show on the display, press the **MENU** button to exit.

LED Use Hour

To select **LED Use Hour**, press the **ENTER** button to confirm, use the **UP/DOWN** button to select **Total LED Hour, LED On Hour** or **LED Hour Reset**, press the **ENTER** button to store. To select **LED Hour Reset**, press the **ENTER** button to confirm, use the **UP/DOWN** button to select **No** or **Yes**, press the **ENTER** button to store. To select **Yes**, press the **ENTER** button to confirm, use the **UP/DOWN** button to set the password **050** to reset the LED hours, press the **ENTER** button to store. Press the **MENU** button back to the last menu or exit menu mode let the unit idle 30 seconds.

Temperature

Select **Temperature**, press the **ENTER** button to confirm, use the **UP/DOWN** button to select **LED** or **PCBA**, press the **ENTER** button to confirm, LED's or PCBA's temperature of the unit will show on the display, press the **MENU** button to exit.

Firmware Version

Select **Firmware Version**, press the **ENTER** button to confirm, firmware version will show on the display, press the **MENU** button back to exit.

RDM UID

Select **RDM UID**, press the **ENTER** button to confirm, RDM UID will show on the display, press the **MENU** button back to exit.

Error Logs

Select **Error Logs**, press the **ENTER** button to confirm. Use the **UP/DOWN** button to select **Fixture Errors** or **Reset Error Log**, press the **ENTER** button to store. Select **Reset Error Log**, press the **ENTER** button to confirm. Use the **UP/DOWN** button to select **No** or **Yes**, press the **ENTER** button to store. Select **Yes**, press the **ENTER** button to confirm. Use the **UP/DOWN** button to set the password **050**, press the **ENTER** button to store. Press the **MENU** button back to the last menu or let the unit idle 30 seconds to exit menu mode.

Factory Restore

Select **Factory Restore,** press the **ENTER** button to confirm, use the **UP/DOWN** button to select **No** (normal) or **Yes** (the fixture will reset to factory settings), press **ENTER** button to store. Press the **MENU** button to exit.

RDM FUNCTIONS

Select the MANUFACTURER menu to display the manufacturer of the fixture.

Select the SOFTWARE VERSION menu and the program version number of the fixture will be displayed.

Select the DMX START ADDRESS menu to change the DMX 512 address (001-512).

Select the DEVICE MODEL DESCRIPTION menu to display the model of the fixture.

Select the DEVICE LABEL menu to change the model of the fixture.

Select the DMX PERSONALITY menu to set the channel mode of the fixture (42/40/36 channel).

Select the DMX PERSONALITY DESCRIPTION menu to display the current channel mode of the fixture.

Select the DEVICE HOURS menu to display the running time of the fixture.

5.2 Home Position Adjustment

Press the MENU button into menu mode, then press the ENTER button for about 3 seconds into offset mode to adjust the home position. Select the function by pressing the ENTER button. Use the UP/DOWN button to choose the submenu, press the ENTER button to store and automatically return to the last menu. Press MENU button to exit.
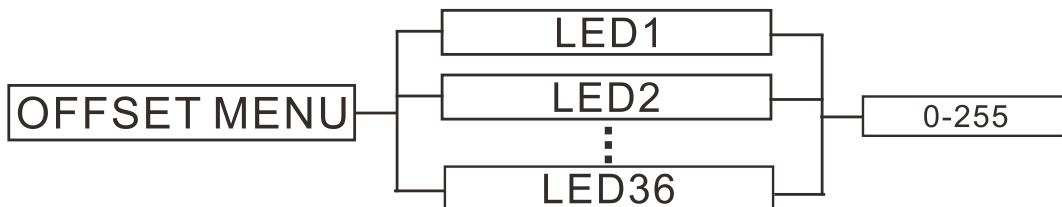
LED1

Enter offset mode, select **LED1**, press the **ENTER** button to confirm, the present position will blink on the display, use the **UP/DOWN** button to offset the value from 0 to 255, press the **ENTER** button to store. Press the **MENU** button to exit.

……

LED36

Enter offset mode, select **LED36**, press the **ENTER** button to confirm, the present position will blink on the display, use the **UP/DOWN** button to offset the value from 0 to 255, press the **ENTER** button to store. Press the **MENU** button to exit.

6. Control By Universal DMX Controller

6.1 DMX512 Connection
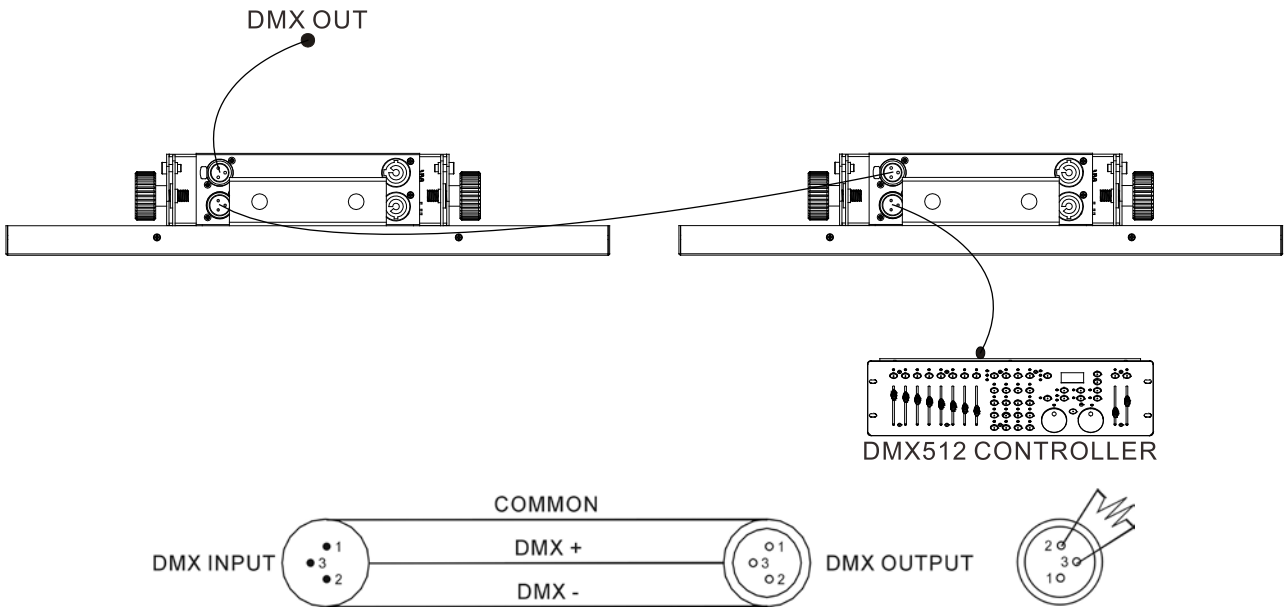
1. At last unit, the DMX cable has to be terminated with a terminator. Solder a 120-ohm 1⁄4W resistor between pin 2(DMX-) and pin 3(DMX+) into a 3-pin XLR-plug and plug it in the DMX-output of the last unit.

2. Connect the unit together in a "daisy chain" by XLR plug cable from the output of the unit to the input of the next unit. The cable can only be used in series and cannot be connected in parallel. DMX 512 is a very high-speed signal. Inadequate or damaged cables, soldered joints or corroded connectors can easily distort the signal and shut down the system.

3. The DMX output and input connectors are pass-through to maintain the DMX circuit, when one of the units' power is disconnected.

4. Each lighting unit needs to have a DMX address to receive the data by the controller. The address number is between 1-512.

5. The end of the DMX 512 system should be terminated to reduce signal errors.

6. 3 pin XLR connectors are more popular than 5 pins XLR.

    3 pin XLR: Pin 1: GND, Pin 2: Negative signal (-), Pin 3: Positive signal (+)

    5 pin XLR: Pin 1: GND, Pin 2: Negative signal (-), Pin 3: Positive signal (+), Pin4, Pin5 not used.

6.2 Address Setting

If you use a universal DMX controller to control the units, you have to set DMX address from 1 to 512 so that the units can receive DMX signal.

Press the MENU button to enter menu mode, select DMX Settings, press the ENTER button to confirm, use the UP/DOWN button to select DMX Address, press the ENTER button to confirm, the present address will blink in the display, use the UP/DOWN button to adjust the address from 001 to 512, press the ENTER button to store. Press the MENU button back to the last menu or let the unit idle 30 seconds to exit menu mode.

Please refer to the following diagram to address your DMX512 channel for the first 4 units.

Channel mode	Unit 1 Address	Unit 2 Address	Unit 3 Address	Unit 4 Address
42 channels	1	43	85	127
40 channels	1	41	81	121
36 channels	1	37	73	109

6.3 DMX512 Configuration

Please control the fixture by referring to the configurations below

Attentions:

1. The unit will maintain the last condition until reset if you cut-off the DMX signal.

2. For the channel Function, keep the value for about 3 seconds, then the corresponding function will take into effect.

42 Channels (Mode 1):

CHANNEL	VALUE	FUNCTION
1	000-255	**LED1** 0%→100%
2	000-255	**LED2** 0%→100%
3	000-255	**LED3** 0%→100%
4	000-255	**LED4** 0%→100%
5	000-255	**LED5** 0%→100%

6	000-255	**LED6** 0%→100%
7	000-255	**LED7** 0%→100%
8	000-255	**LED8** 0%→100%
9	000-255	**LED9** 0%→100%
10	000-255	**LED10** 0%→100%
11	000-255	**LED11** 0%→100%
12	000-255	**LED12** 0%→100%
13	000-255	**LED13** 0%→100%
14	000-255	**LED14** 0%→100%
15	000-255	**LED15** 0%→100%
16	000-255	**LED16** 0%→100%
17	000-255	**LED17** 0%→100%
18	000-255	**LED18** 0%→100%
19	000-255	**LED19** 0%→100%
20	000-255	**LED20** 0%→100%
21	000-255	**LED21** 0%→100%
22	000-255	**LED22** 0%→100%
23	000-255	**LED23** 0%→100%
24	000-255	**LED24** 0%→100%
25	000-255	**LED25** 0%→100%
26	000-255	**LED26** 0%→100%
27	000-255	**LED27** 0%→100%

28		**LED28**
	000-255	0%→100%
29		**LED29**
	000-255	0%→100%
30		**LED30**
	000-255	0%→100%
31		**LED31**
	000-255	0%→100%
32		**LED32**
	000-255	0%→100%
33		**LED33**
	000-255	0%→100%
34		**LED34**
	000-255	0%→100%
35		**LED35**
	000-255	0%→100%
36		**LED36**
	000-255	0%→100%
37		**MODE**
	000-014	Blackout
	015-047	Full On
	048-095	Line Effect (see channel 38-1)
	096-135	Number 1 to 9 (see channel 38-2)
	136-175	Letter A to Z (see channel 38-3)
	176-215	Letter a to z (see channel 38-4)
	216-255	Blackout
38-1		**LINE EFFECT**
	000-007	No Function
	008-015	Effect 01
	016-023	Effect 02
	024-031	Effect 03
	032-039	Effect 04
	040-047	Effect 05
	048-055	Effect 06
	056-063	Effect 07
	064-071	Effect 08
	072-079	Effect 09
	080-087	Effect 10
	088-095	Effect 11
	096-103	Effect 12
	104-111	Effect 13
	112-119	Effect 14
	120-127	Effect 15
	128-135	Effect 16
	136-143	Effect 17

	144-151	Effect 18
	152-159	Effect 19
	160-167	Effect 20
	168-175	Effect 21
	176-183	Effect 22
	184-191	Effect 23
	192-199	Effect 24
	200-207	Effect 25
	208-215	Effect 26
	216-223	Effect 27
	224-231	Effect 28
	232-239	Effect 29
	240-247	Effect 30
	248-255	Effect 31
38-2		**NUMBER 1 to 9**
	000-025	No Function
	026-048	Number-0
	049-071	Number-1
	072-094	Number-2
	095-117	Number-3
	118-140	Number-4
	141-163	Number-5
	164-186	Number-6
	187-209	Number-7
	210-232	Number-8
	233-255	Number-9
38-3		**LETTER A to Z**
	000-021	No Function
	022-030	Letter-A
	031-039	Letter-B
	040-048	Letter-C
	049-057	Letter-D
	058-066	Letter-E
	067-075	Letter-F
	076-084	Letter-G
	085-093	Letter-H
	094-102	Letter-I
	103-111	Letter-J
	112-120	Letter-K
	121-129	Letter-L
	130-138	Letter-M
	139-147	Letter-N
	148-156	Letter-O
	157-165	Letter-P
	166-174	Letter-Q
	175-183	Letter-R
	184-192	Letter-S

	193-201	Letter-T
	202-210	Letter-U
	211-219	Letter-V
	220-228	Letter-W
	229-237	Letter-X
	238-246	Letter-Y
	247-255	Letter-Z
38-4		**LETTER a to z**
	000-021	No Function
	022-030	Letter-a
	031-039	Letter-b
	040-048	Letter-c
	049-057	Letter-d
	058-066	Letter-e
	067-075	Letter-f
	076-084	Letter-g
	085-093	Letter-h
	094-102	Letter-i
	103-111	Letter-j
	112-120	Letter-k
	121-129	Letter-l
	130-138	Letter-m
	139-147	Letter-n
	148-156	Letter-o
	157-165	Letter-p
	166-174	Letter-q
	175-183	Letter-r
	184-192	Letter-s
	193-201	Letter-t
	202-210	Letter-u
	211-219	Letter-v
	220-228	Letter-w
	229-237	Letter-x
	238-246	Letter-y
	247-255	Letter-z
39		**STROBE**
	000-007	Close
	008-015	Open
	016-131	Strobe from Slow to Fast
	132-139	Open
	140-181	Fast Close Slow Open
	182-189	Open
	190-231	Fast Open Slow Close
	232-239	Open
	240-247	Random Strobe
	248-255	Open

40		**DIMMER**
	000-255	0%→100%

41	000-255	**DIMMER FINE**

		FUNCTION
	000-029	Null
	030-039	Dimmer Curve Linear
	040-049	Dimmer Curve Square Law
	050-059	Dimmer Curve Inv SQ Law
	060-069	Dimmer Curve S
	070-079	Null
	080-089	Null
	090-099	Null
	100-109	Null
42	110-119	Null
	120-129	Null
	130-139	Null
	140-179	Null
	180-189	Dimmer Speed Fast
	190-199	Dimmer Speed Smooth
	200-209	Null
	210-219	Null
	220-229	Null
	230-255	Null

40 Channels (Mode 2):

CHANNEL	VALUE	FUNCTION
1	000-255	**LED1** 0%→100%
2	000-255	**LED2** 0%→100%
3	000-255	**LED3** 0%→100%
4	000-255	**LED4** 0%→100%
5	000-255	**LED5** 0%→100%
6	000-255	**LED6** 0%→100%
7	000-255	**LED7** 0%→100%
8	000-255	**LED8** 0%→100%

9	000-255	LED9 0%→100%
10	000-255	LED10 0%→100%
11	000-255	LED11 0%→100%
12	000-255	LED12 0%→100%
13	000-255	LED13 0%→100%
14	000-255	LED14 0%→100%
15	000-255	LED15 0%→100%
16	000-255	LED16 0%→100%
17	000-255	LED17 0%→100%
18	000-255	LED18 0%→100%
19	000-255	LED19 0%→100%
20	000-255	LED20 0%→100%
21	000-255	LED21 0%→100%
22	000-255	LED22 0%→100%
23	000-255	LED23 0%→100%
24	000-255	LED24 0%→100%
25	000-255	LED25 0%→100%
26	000-255	LED26 0%→100%
27	000-255	LED27 0%→100%
28	000-255	LED28 0%→100%
29	000-255	LED29 0%→100%
30	000-255	LED30 0%→100%

31		**LED31**
	000-255	0%→100%
32		**LED32**
	000-255	0%→100%
33		**LED33**
	000-255	0%→100%
34		**LED34**
	000-255	0%→100%
35		**LED35**
	000-255	0%→100%
36		**LED36**
	000-255	0%→100%
		LINE EFFECT
	000-007	No Function
	008-015	Effect 01
	016-023	Effect 02
	024-031	Effect 03
	032-039	Effect 04
	040-047	Effect 05
	048-055	Effect 06
	056-063	Effect 07
	064-071	Effect 08
	072-079	Effect 09
	080-087	Effect 10
	088-095	Effect 11
	096-103	Effect 12
	104-111	Effect 13
	112-119	Effect 14
37	120-127	Effect 15
	128-135	Effect 16
	136-143	Effect 17
	144-151	Effect 18
	152-159	Effect 19
	160-167	Effect 20
	168-175	Effect 21
	176-183	Effect 22
	184-191	Effect 23
	192-199	Effect 24
	200-207	Effect 25
	208-215	Effect 26
	216-223	Effect 27
	224-231	Effect 28
	232-239	Effect 29
	240-247	Effect 30
	248-255	Effect 31

CHANNEL	VALUE	FUNCTION
38		**STROBE**
	000-007	Close
	008-015	Open
	016-131	Strobe from Slow to Fast
	132-139	Open
	140-181	Fast Close Slow Open
	182-189	Open
	190-231	Fast Open Slow Close
	232-239	Open
	240-247	Random Strobe
	248-255	Open
39		**DIMMER**
	000-255	0%→100%
40	000-255	**DIMMER FINE**

36 Channels (Mode 3):

CHANNEL	VALUE	FUNCTION
1		**LED1**
	000-255	0%→100%
2		**LED2**
	000-255	0%→100%
3		**LED3**
	000-255	0%→100%
4		**LED4**
	000-255	0%→100%
5		**LED5**
	000-255	0%→100%
6		**LED6**
	000-255	0%→100%
7		**LED7**
	000-255	0%→100%
8		**LED8**
	000-255	0%→100%
9		**LED9**
	000-255	0%→100%
10		**LED10**
	000-255	0%→100%
11		**LED11**
	000-255	0%→100%
12		**LED12**
	000-255	0%→100%

13	000-255	**LED13** 0%→100%
14	000-255	**LED14** 0%→100%
15	000-255	**LED15** 0%→100%
16	000-255	**LED16** 0%→100%
17	000-255	**LED17** 0%→100%
18	000-255	**LED18** 0%→100%
19	000-255	**LED19** 0%→100%
20	000-255	**LED20** 0%→100%
21	000-255	**LED21** 0%→100%
22	000-255	**LED22** 0%→100%
23	000-255	**LED23** 0%→100%
24	000-255	**LED24** 0%→100%
25	000-255	**LED25** 0%→100%
26	000-255	**LED26** 0%→100%
27	000-255	**LED27** 0%→100%
28	000-255	**LED28** 0%→100%
29	000-255	**LED29** 0%→100%
30	000-255	**LED30** 0%→100%
31	000-255	**LED31** 0%→100%
32	000-255	**LED32** 0%→100%
33	000-255	**LED33** 0%→100%
34	000-255	**LED34** 0%→100%

35	000-255	**LED35** 0%→100%
36	000-255	**LED36** 0%→100%

7. Error Information

Error codes are shown continuously in the display when the fixture fails and they will not disappear until the fixture is repaired.

1. Led Temp. Error

Check whether the temperature detecting board is normal.

Check whether the components of the temperature detecting board are damaged.

Check whether the lead on the temperature detecting board is installed in place or disconnected.

2. LED Too Hot Off

When the fixture temperature reaches 68℃, it will automatically turn off to protect the fixture.

3. LED Timeout Use

8. Troubleshooting

Following are a few common problems that may occur during operation. Here are some suggestions for troubleshooting:

A. The unit does not work, no light and the fan does not work

1. Check the connected power.

2. Measure the voltage.

3. Check the power indicator to see whether it can be lit up or not.

B. Not responding to the DMX controller

1. Check whether the DMX connectors and the DMX cables are connected correctly.

2. Check whether the DMX address is correctly set.

3. If the intermittent DMX signal problem occurs, check whether the XLR socket and the signal cable are well connected.

4. Try it with another DMX controller.

5. Check whether the DMX cables run near or alongside to the high-voltage cables, which may damage or interfere with the signal circuit.

C. One of the channels is not working well

1. The stepper motor might be damaged or the cable connected to the PCB might be broken.
2. The motor's drive IC on the PCB might be out of condition.

9. Fixture Cleaning

It is absolutely essential that the fixture is kept clean to ensure the maximum light-output and allow the fixture to function reliably throughout its life. The fixture must be cleaned regularly to avoid dust, dirt and smoke-fluid residues building up on or within the fixture. The cleaning frequency depends on the application environment. Clean the fixture immediately if the dust enters it to avoid damage to the optical lens due to excessive dust.

• A soft lint-free cloth moistened with any good glass cleaning fluid is recommended, under no circumstances should solvents be used.
• Always dry the parts carefully.
• Clean the external optical lens at least every 20 days.

Declaration of Conformity

We declare that our products (lighting equipments) comply with the following specification and bears CE mark in accordance with the provision of the Electromagnetic Compatibility (EMC) Directive 2014/30/EU.

EN 55032: 2015+A11: 2020; EN 55035: 2017+A11: 2020;
EN IEC 61000-3-2: 2019; EN 61000-3-3: 2013+A1: 2019.

&
Harmonized Standard

EN 60598-2-17: 2018; EN 60598-1: 2015+A1: 2018.

Safety of household and similar electrical appliances
Part 1: General requirements and tests

Innovation, Quality, Performance