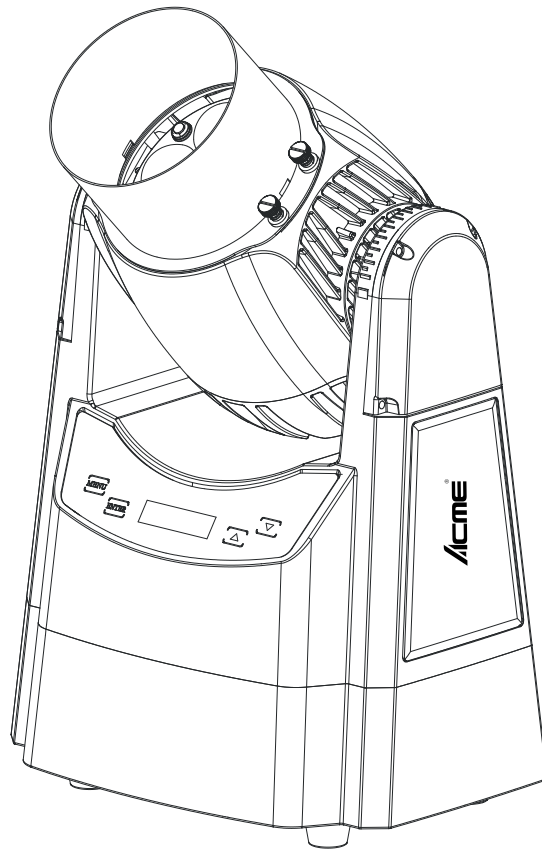


# Acme®

审核  
2018.01.09  
受控正本



# EVENT X 100

## User Manual

Please read the instructions carefully before use

English Version 1.0

# Table of contents

<b>1. Introduction</b>	<b>2</b>
<b>2. Safety instructions</b>	<b>2</b>
2.1 Preventing electric shock	2
2.2 Preventing burns and fire	3
2.3 Avoid personal injury	3
<b>3. Installation</b>	<b>3</b>
3.1 Connection to the main	3
3.2 Mounting the fixture on a truss	4
3.3 DMX 512 connection	5
3.4 DMX 512 controller	6
3.5 IR remote control	6
3.6 Wireless connection	7
<b>4. Description of EventX 100</b>	<b>9</b>
4.1 Dimension	9
4.2 Overview	9
4.3 Control board	10
<b>5. Menu</b>	<b>12</b>
<b>6. DMX chart</b>	<b>23</b>
<b>7. LEE colors and RGB DMX values</b>	<b>25</b>
<b>8. Technical specifications</b>	<b>26</b>
<b>9. Troubleshooting</b>	<b>27</b>
<b>10. Maintenance and cleaning</b>	<b>27</b>

## 1 - Introduction



**Please read the instructions carefully which include important informations about the installation, operation and maintenance**

Thank you for your trust. We believe that products and service can satisfy you. Please keep this User Guide for future consultation. If you sell the unit to another user, be sure that they also receive this instruction booklet.

All fixtures are intact from the manufacturer. Please, operator must be qualified and follow carefully the instructions of this user manual. Artificial fault are not under guarantee repair.

The manufacturer will not accept liability for any resulting damages caused by the non-observance of this manual or any unauthorized modification to the device.

Unpack and check carefully that there is no transportation damage before using the unit.

Inside the box you should find :

1. One EventX 100
2. One Power cable
3. One charger
4. One IR controler
5. One manual

Do install and operate by operator.

## 2 - Safety Instructions

The EventX 100 is a multi-environmental fixture with an IP-rating 65, intended for professional use only. It is not suitable for household use.

Operator must be qualified and follow carefully the instructions of this user manual. Do not allow children to operate the fixture.

Do not operate in dirty and dusty environment, also cleaning fixtures regularly.

Avoid power wires together arrounding other cables.

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 filter must be replaced if they are visibly damaged.

Do not open the unit as there are no user serviceable parts inside. Never try to repair the unit by yourself. Repairs carried out by unskilled people can lead to damage or malfunction. Please contact the nearest authorized technical assistance center.

Do use original packing materials once transport it again.

Disconnect the mains power if the fixture is not used for a long time.

If the device has been exposed to temperature changes due to environmental changes, do not switch it on immediately. The arising condensation could damage the device. Leave the device switched off until it has reached room temperature.



### 2.1 Preventing electric shock

Be sure the place is well ventilled.

Always power off/unplug the fixture before removing any cover

Before operating, ensure that the voltage and frequency of power supply match the power requirements of the unit.

It's important to ground the yellow/green conductor to earth in order to avoid electric shock.

Do not touch any wire during operation as there might be a hazard of electric shock.

Refer any service operation not described in this manual to a qualified technician.



## 2.2 Preventing burns and fire

Look over power wires carefully, replace immediately if there is any damage.

Install at least 0.5m away from the objects to be illuminated.

Don't connect the device to any dimmer pack.

Make sure there are no flammable materials close to the unit while operating, as it is fire hazard.

The unit must be installed in a location with adequate ventilation, at least 50cm from adjacent surfaces.

Be sure that no ventilation slots are blocked, otherwise the unit will be overheated.

The applicable temperature for Eventx 100 is between  $-40^{\circ}\text{C}$  to  $45^{\circ}\text{C}$ . Don't operate it where the temperature is lower or higher than this.

The exterior of the fixture becomes hot during use. Avoid contact by persons and materials. Allow the fixture to cool for at least 10 minutes before handling.



## 2.3 Avoid personal injury

For temporary installation with clamps, ensure that the quarter-turn fasteners are turned fully and secured with a suitable safety cable.

Use safety chain when fixes the unit specially when the fixture is working at height. This safety chain must be approved for a safe working load of 10 times the weight of the fixture, and it must have a minimum gauge of 2 mm.

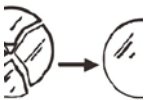
Ensure that any supporting structure used can hold at least 10 times the weight of all devices they support.

Unit surface temperature may reach up to  $80^{\circ}\text{C}$ . Don't touch the housing bare-hand during its operation.

Do not look directly at the LED light beam while the fixture is on.

Do not operate the fixture with missing or clamaged of any part of the device.

## 3 - Installation



### Exposition warning

This product contains a sophisticated optical system which can cause damage the led if the front glass is expose to sunlight or other strong light source.

So if these light source hits the front glass, sheild it or point the head in the opposite direction to the light source.

### 3.1 Connection to the main



### Warning

If you use EventX 100 with his charger, ensure that the voltage and frequency of power supply match the power requirements of the charger.

Input Charger: 100-240 Vac 50/60Hz

Output Charger: DC 29.4 V 4A

The earth has to be connected.

If you have any doubts about proper installation, consult a qualified electrician.

### 3.2 Mounting the fixture on a truss

The unit should be mounted via its screw holes on the bracket. Always ensure that the unit is firmly fixed to avoid vibration and slipping while operating. Always ensure that the structure to which you are attaching the unit is secure and is able to support a weight of 10 times of the unit's weight. Also always use a safety cable that can hold at least 10 times of the weight of the unit when installing the fixture.

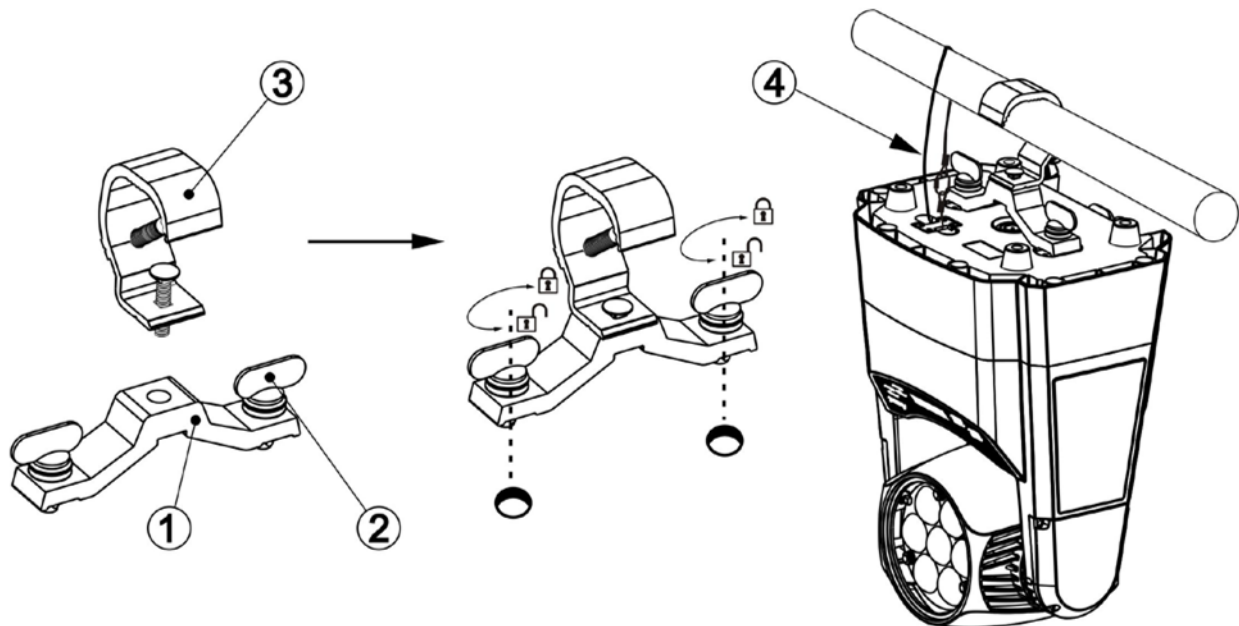
The equipment must be fixed by professionals. And it must be fixed at a place where is out of the touch of people and has no one pass by or under it.

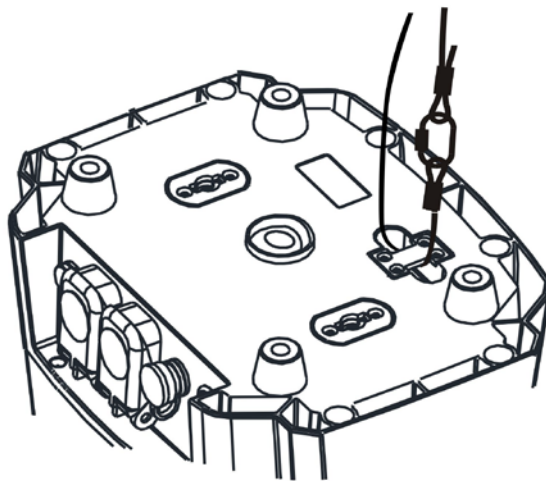
The fixture must never be fixed swinging freely in the room.

This fixture can be placed on the stage floor or rigged on a truss without altering its operation characteristics.

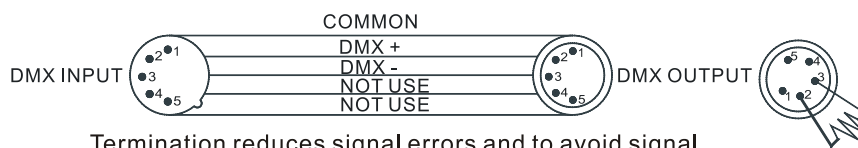
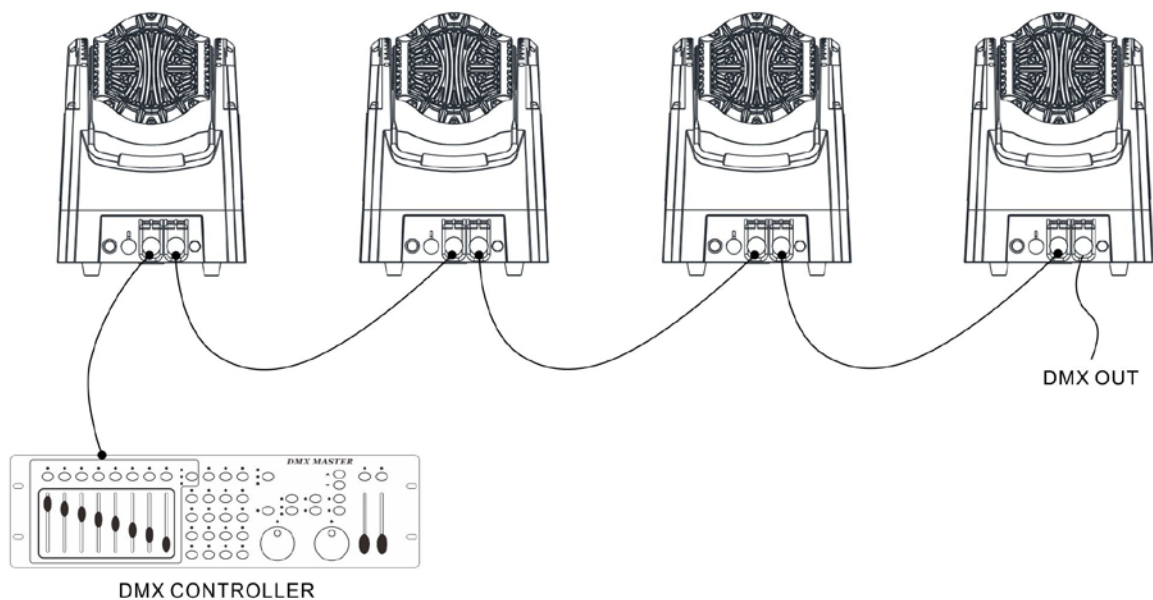
Always use a safety cable that can hold at least 10 times of the weight of the unit when installing the fixture. Using the attachment point marked "SAFETY WIRE" in the base of the fixture. This attachment point is designed to fit a carabiner clamp, and turn around the truss as shown on the pictures below.

Note: If the safety wire is too long, whip it several times around the truss in order to attach the fixture tightly. In case of an accident, the way of the falling fixture will be shorter.





### 3.3 DMX512 connection



Termination reduces signal errors and to avoid signal transmission problems and interference. It is always advisable to connect a DMX terminal. (Resistance 120 ohm 1/4W) between pin2(DMX-) and pin3(DMX+) of the last fixture.

- If you using a controller with 3 pins DMX output, you need to use a 3 to 5 pin adapter-cable.
- 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 5-pin XLR-plug and plug it in the DMX-output of the last unit.
- Connect the unit together in a `daisy chain` by XLR plug from the output of the unit to the input of the next unit. The cable can not branched or split to a `Y` cable. 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.

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

- Each lighting unit needs to have an address set to receive the data sent by the controller. The address number is between 0-511 (usually 0 & 1 are equal to 1).

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

3 pin XLR connectors are more popular than 5 pin 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 (+), Pin 4/Pin 5: Not used.*

### 3.4 DMX 512 controller

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

If all units have same DMX address, they will do simultaneously the same task as order the DMX controller.

If you set different address, each unit will start to respond of the DMX controller signal channel, based on the quantity of control channels of the unit.

Press the **MENU** button up to when the **DMX Address** is showing on the display. Press the **ENTER** button and the display will blink. Use the **DOWN** and **UP** button to change the DMX512 address. Once the address has been selected, press and keep the **ENTER** button pressed up to when the display stops blinking or storing automatically 8 seconds later. To go back to the functions without any change press the **MENU** button again.

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
5 Channels	1	6	11	16
7 Channels	1	8	15	22
8 Channels	1	9	17	25

### 3.5 IR remote control

**STANDBY:** Press the button to blackout the unit. It is invalid to press the other buttons when entry the Standby status; And it will return to the original state when exit the Standby status.

**FULL ON:** Press and hold the button can show all the light, and it will return to the original state when release the button.

**ZOOM+/ZOOM-:** Press these buttons to zoom in or zoom out.

**DIMMER+/DIMMR-:** Press these buttons to adjust the output intensity.

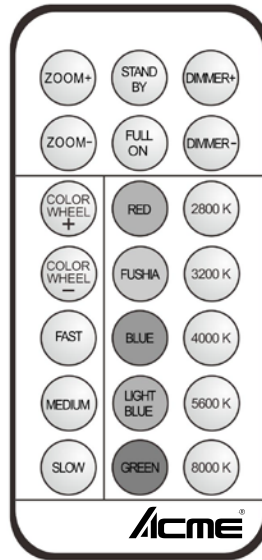
**COLOR WHEEL +:** Press the button to select the next color in the pre-programmed sequence. (Totally 33 colors)

**COLOR WHEEL -:** Press the button to select the previous color in the pre-programmed sequence. (Totally 33 colors)

**FAST/MEDIUM/SLOW:** Press these buttons to active and setup the speed of show for color random.

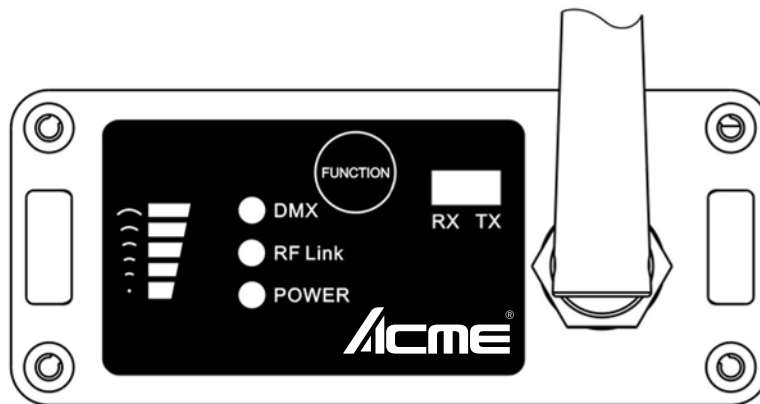
**RED/FUSHIA/BLUE/LIGHT BLUE/GREEN:** Press these buttons to select the color.

**2800K/3200K/4000K/5600K/8000K:** Press these buttons to select the color temperature.



### 3.6 Wireless connection

To setup the WDMX you need a Wireless Transceiver as our XP-LR 512 RT.



Press **Menu** button 2 seconds if the display is locked, else one impulsion on the **Menu** button is necessary to access to the main menu.

The display will show “ **DMX Address** ”.

Use the **UP/DOWN** button to select **Reset Function**.

Press the **ENTER** button to confirm.



# Main Menu

## Reset Function

The display will show “ **Zoom Motor** ”.

Use the **UP/DOWN** button to select **Radio Clear Code**.

Press the **ENTER** button to confirm.

Use the **UP/DOWN** button to select **Yes** or **No**.

Press the **ENTER** button to confirm.

# Reset Function

## Radio Clear Code

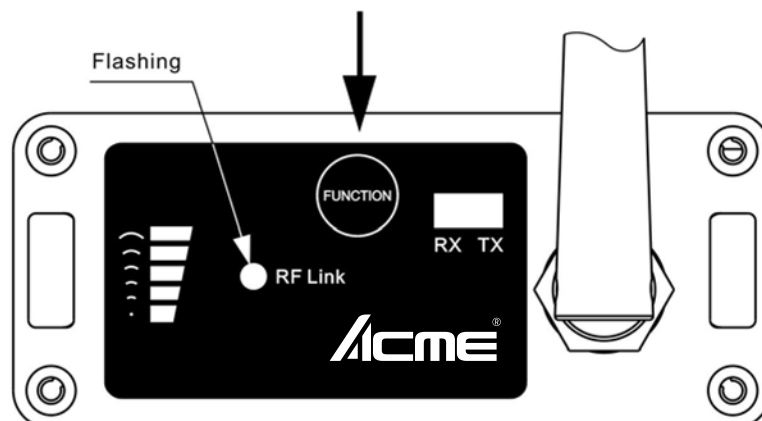
# Radio Clear Code

## Yes

The display will show “ **Press up and down key, Hold over 5s** ”.

**Do not press now.** You must first press the **Function** button of the Wireless Transceiver.

The green led named **RF Link** will flash.



Then press **Up** and **Down** buttons, hold them over 5s.

Press 1 And ↓ Key  
Hold Over 5s

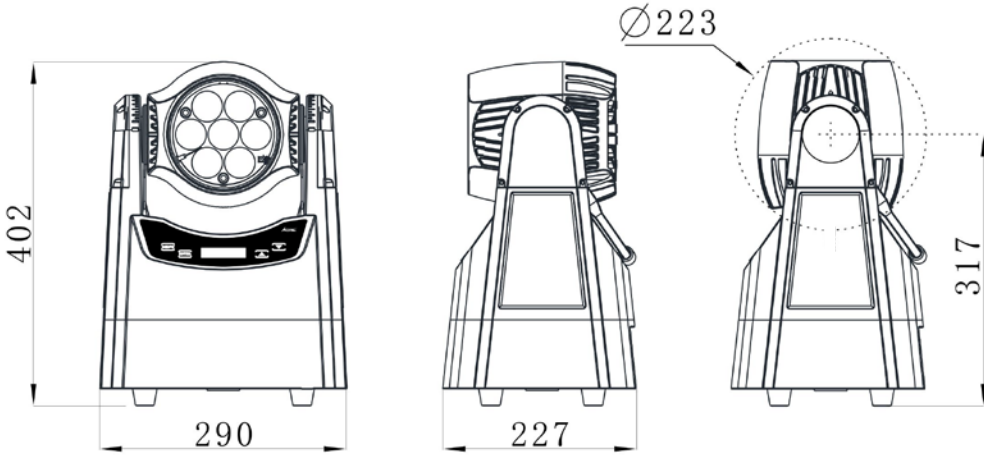
During this process the display will show " Radio Code Clearing "

Radio Code  
Clearing.....

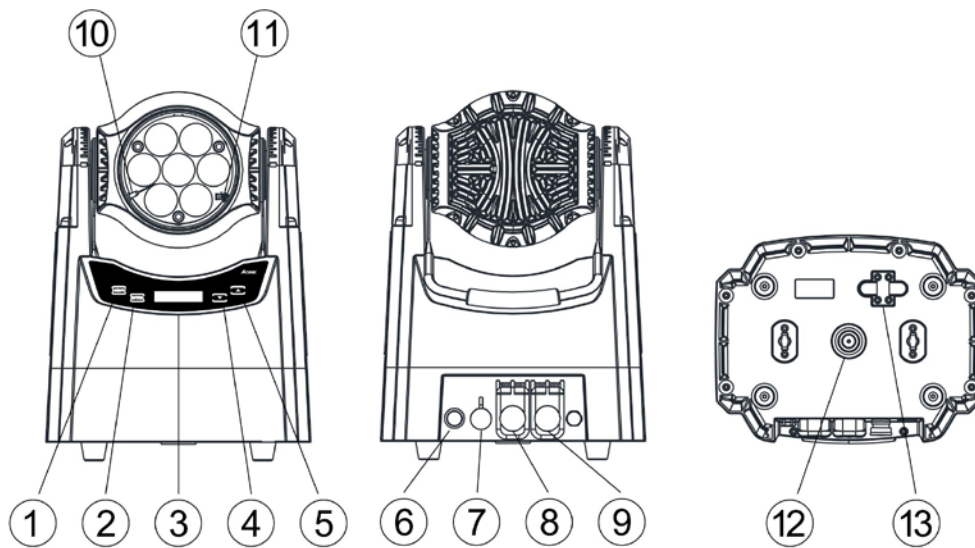
You can release **Up** and **Down** buttons when the display come back to the main menu. **WF** will appear.

M 001 WF   
5ch 

4 - Description of EventX 100  
4.1 Dimensions



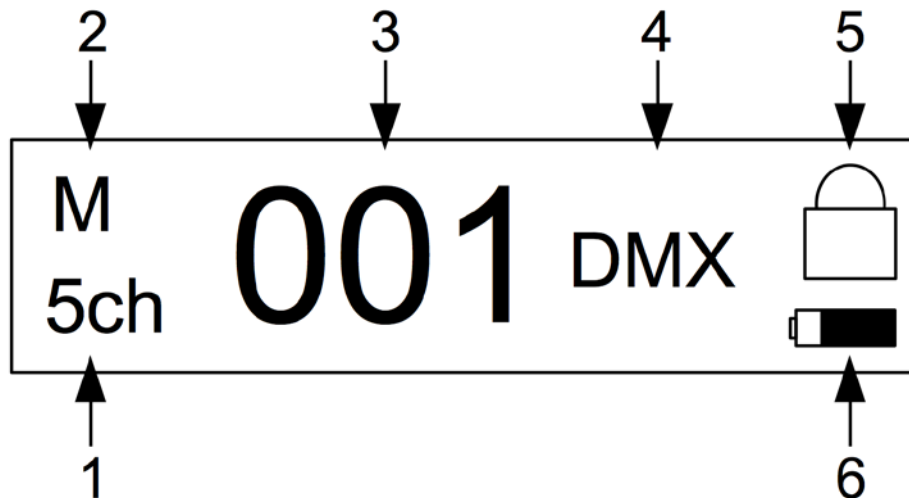
## 4.2 Overview



1. **MENU:** Activate display or to back to the last menu
2. **ENTER:** To confirm the selected functions
3. **Display:** To show the menu and the selected functions
4. ▲ **UP:** To go forward in the selected functions
5. ▼ **DOWN:** To go backward in the selected functions
6. **Power Switch:** Press to turn on/off the power
7. **Power Charger:** Connect to the power adapter to charge
8. **DMX In:** Water proof DMX socket input
9. **DMX Out:** Water proof DMX socket output
10. **Antenna:** To receive the wireless signal
11. **IR Receiver:** To receive the signal from the IR controller
12. **Power Charger with Fight Case:** Can charge the device when stowed in his fight case.
13. **Safety wire/cord attachment point**

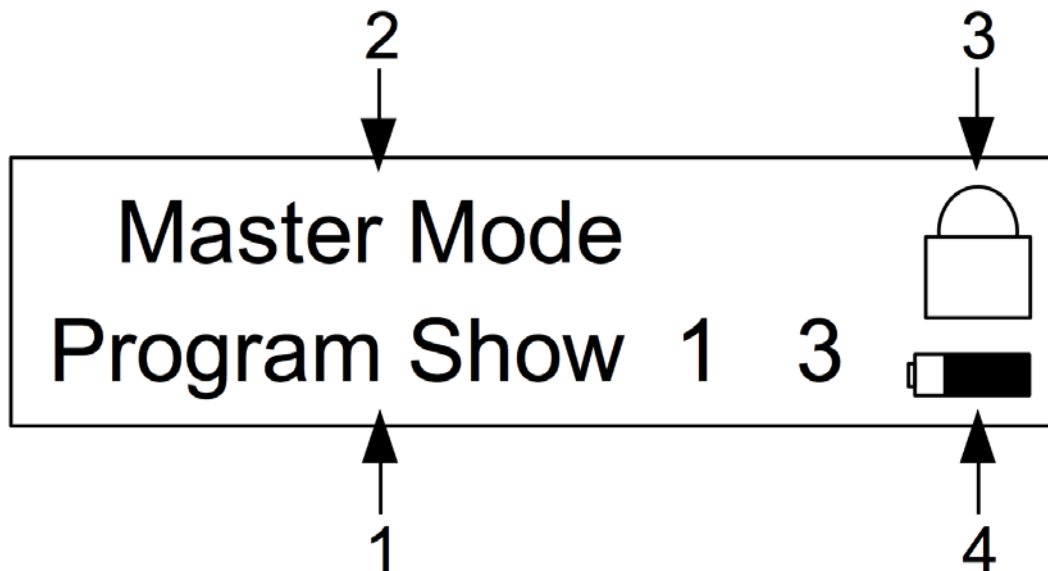
### 4. 3 Control board

Main menu with DMX or WiFi connection



1. Channel Mode number: 5, 7 or 8
2. Master or Slave setting: M=Master; S1=Slave1; S2=Slave2; S3=Slave3
3. Address DMX setting: 001 to 512
4. EventX 100 connection: DMX or WiFi
5. Display statue: Lock
6. Charge level of the battery.

Main Menu without connection



1. Fixture M/S setting: Master Mode, Slave 1 Mode, Slave 2 Mode or Slave 3 Mode
2. DMX State: Black Out, Last State or M/S
3. Display statue: Lock
4. Charge level of the battery.

## 5 - Menu

To unlock the display, press the **MENU** button 2 seconds. If the lock icon is not display, one impulsion on the **Menu** button is necessary to access to the first Menu.

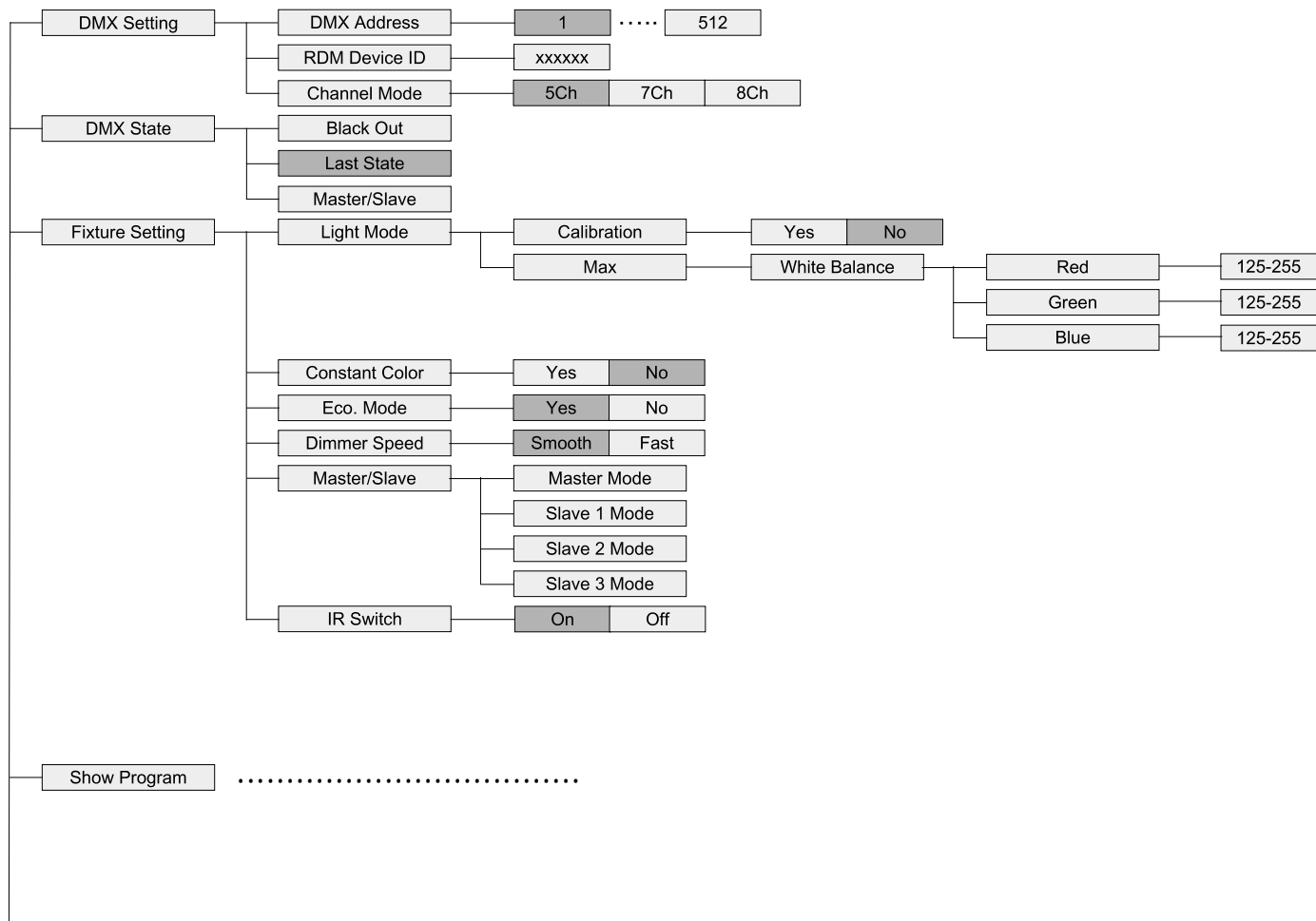
Use the **DOWN** and **UP** button to change the mode. Once mode wished selected, press the **ENTER** button to setup.

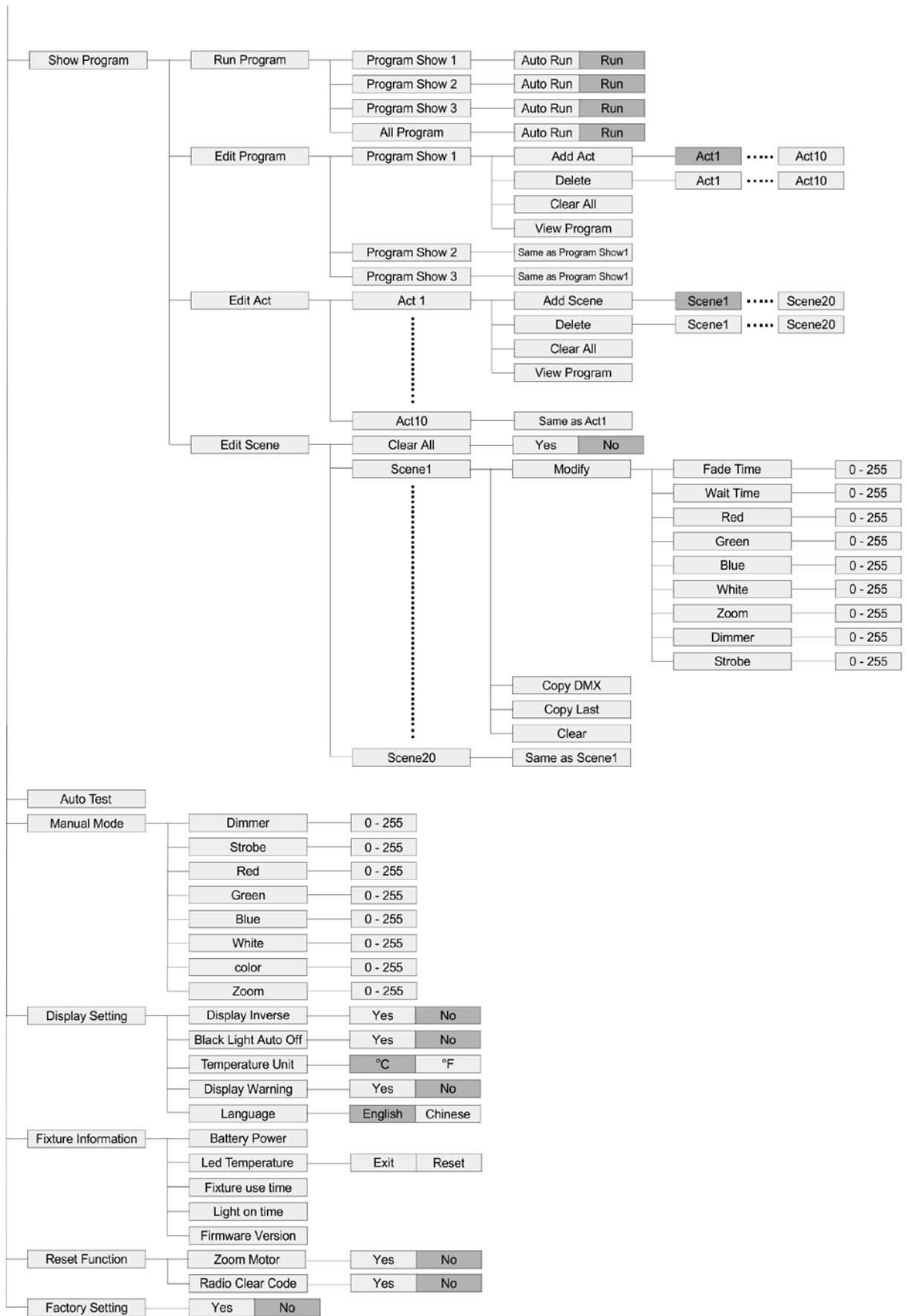
No action for one minute, it will automatically return to the main Menu and the display will be locked.

Back to the last menu without any change press the **MENU** button.

Once inside menu, you can also back to the main menu if you press 2 seconds the **MENU** button, the display will be not locked.

The main functions are shown below:





## DMX Settings

Press **Menu** button 2 seconds if the display is locked, else one impulsion on the **Menu** button is necessary to access to the first menu. The display will show “ **DMX Setting** ”

Use the **UP/DOWN** buttons to select **DMX Address**, **RDM Device ID** or **Channel Mode**.

### DMX Address

With this function, users are able to set the DMX start address to the projector.

**DMX Address** selected :

- Press the **ENTER** button to confirm.
- 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 one minute to exit menu mode.

### RDM Device ID

With this function, users will find the ID of the device to run it with RDM function.

**RDM Device ID** selected :

- Press the **ENTER** button to confirm.
- The display will show the ID.
- Press the **MENU** button back to the last menu or let the unit idle one minute to exit menu mode.

### Channel Mode

With this function, users are able to set the number of channel he needs to run the device. More channels means more functions are enable.

**Channel Mode** selected:

- Press the **ENTER** button to confirm.
- Use the **UP/DOWN** button to select **5 Channel**, **7 Channel** or **8 Channel**.
- Press the **ENTER** button to store.
- Press the **MENU** button back to the last menu or let the unit idle one minute to exit menu mode.

## DMX State

Press **Menu** button 2 seconds if the display is locked, else one impulsion on the **Menu** button is necessary to access to the first menu. Press Enter button, the display will show “ **DMX Setting** ”

Use the **UP/DOWN** button to select **DMX State**. Press the **ENTER** button to confirm.

Use the **UP/DOWN** button to select **Black Out**, **Last state** or **Master/Slave**.

### Black Out

This function will switch off the light if the device receive no DMX signal.

**Black Out** selected:

- Press the **ENTER** button to confirm.
- Press the **MENU** button back to the last menu or let the unit idle one minute to exit menu mode.

### Last State

This function will let the device in the last state when he receives no DMX signal.

**Last State** selected:

- Press the **ENTER** button to confirm.
- Press the **MENU** button back to the last menu or let the unit idle one minute to exit menu mode.

### Master/Slave

With this function, users are able to run **Show Program**.

- Press the **ENTER** button to confirm.
- Press the **MENU** button back to the last menu or let the unit idle one minute to exit menu mode.

## Fixture Settings

Press **Menu** button 2 seconds if the display is locked, else one impulsion on the **Menu** button is necessary to access to the first menu. Press Enter button, the display will show “ **DMX Setting** ”.

Use the **UP/DOWN** button to select **Fixture Settings**. Press the **ENTER** button to confirm.

Use the **UP/DOWN** button to select **Light Mode, Constant Color, Eco Mode, Dimmer Speed, Master/Slave, IR Switch**.

### Light Mode

In this menu, users are able to setup the light power.

**Light Mode** selected:

- Press the **ENTER** button to confirm.
- Use the **UP/DOWN** button to select **Calibration** or **Max**.

### Calibration

This function is a factory color setting. We reduce the power of LED to give you the best match color and white output across multiple EVENTX 100.

**Calibration** selected:

- Press the **ENTER** button to confirm.
- Use the **UP/DOWN** button to select **Yes** or **No**.
- Press the **ENTER** button to confirm.
- Press the **MENU** button back to the last menu or let the unit idle one minute to exit menu mode.

### Max Power

This function let users use the maximum power to the LED. The **Max Power** disable the calibration mode, so the color and white could be different between fixtures and the battery life will be shorter.

**Max Power** let you acces to **White Balance** menu.

**Max Power** selected:

- Press the **ENTER** button to confirm.
- Press the **MENU** button back to the last menu or let the unit idle one minute to exit menu mode.

### White Balance

This function set the white as you wish with the three primary color : Red, Green, Blue.

**White Balance** selected:

- Press the **ENTER** button to confirm.
- Use the **UP/DOWN** button to select the color you want ajusted: **Red, Green** or **Blue**.
- Press the **ENTER** button to confirm.
- Use the **UP/DOWN** button to adjust the value.
- Press the **ENTER** button to confirm.
- Press the **MENU** button back to the last menu or let the unit idle one minute to exit menu mode.

### Constant Color

This function manage the power of Red, Green, Blue leds to get nearly the same color depending the temperature of the device.

**Constant color** selected:

- Press the **ENTER** button to confirm.
- Use the **UP/DOWN** button to select **Yes** or **No**.
- Press the **ENTER** button to confirm.
- Press the **MENU** button back to the last menu or let the unit idle one minute to exit menu mode.

### Eco. Mode

This function manages the power of the battery. Also, It let you have a constant lighting intensity during his heating phase.

**Eco. Mode** selected:

- Press the **ENTER** button to confirm.
- Use the **UP/DOWN** button to select **Yes** or **No**.
- Press the **ENTER** button to confirm.



- Press the **MENU** button back to the last menu or let the unit idle one minute to exit menu mode.

## Dimmer Speed

This function manages the dimmer speed. It interacts when the light intensity is changed.

Smooth mode gives to your output light a continuous effect but there is some latency between the time you change the intensity of the light manually and visually.

Fast mode gives an instantaneous response to your new adjustment of light intensity. But it can appear some bad effect such as flash or light step intensity.

**Dimmer Speed** selected:

- Press the **ENTER** button to confirm.
- Use the **UP/DOWN** button to select **Smooth** or **Fast**.
- Press the **ENTER** button to confirm.
- Press the **MENU** button back to the last menu or let the unit idle one minute to exit menu mode.

## Master/Slave

This function changes the statue when EventX 100 is working with **Show Program** or **IR** system.

**Master/Slave setting** selected:

- Press the **ENTER** button to confirm.
- Use the **UP/DOWN** button to select **Master, Slave1, Slave2** or **Slave3**.
- Press the **ENTER** button to confirm.
- Press the **MENU** button back to the last menu or let the unit idle one minute to exit menu mode.

## IR Switch

This function enables or disables the IR system.

**IR Switch** selected:

- Press the **ENTER** button to confirm.
- Use the **UP/DOWN** button to select **Yes** or **No**.
- Press the **ENTER** button to confirm.
- Press the **MENU** button back to the last menu or let the unit idle one minute to exit menu mode.

## Show Program

In this menu, users are able to build a show. Each program is constituted of one or more Acts which are themselves composed of one or more Scenes.

Press **Menu** button 2 seconds if the display is locked, else one impulsion on the **Menu** button is necessary to access to the first menu. Press Enter button, the display will show “ **DMX Setting** ”.

Use the **UP/DOWN** button to select **show program**. Press the **ENTER** button to confirm.

Use the **UP/DOWN** button to select **Run Program, Edit Program, Edit Act** or **Edit Scene**.

## Run Program

In this menu, users are able to select the program show they want run. Users can select to run 3 different programs or all in the same time.

**Program Show 1** will allow the identified machines **Master** or **Slave1** (in the menu **Fixture Setting , M / S Setting**) to run.

**Program Show 2** will allow the identified machines **Slave2** (in the menu **Fixture Setting , Master / Slave**) to run.

**Program Show 3** will allow the identified machines **Slave3** (in the menu **Fixture Setting , Master / Slave**) to run.

Use the **UP/DOWN** button to select **Run Program**. Press the **ENTER** button to confirm.

Use the **UP/DOWN** button to select **Program Show 1, Program Show 2, Program Show 3** or **All Program**.

## Program Show1, 2, 3 or all

In this menu, users are able to select the run mode of the program show he needs.

**Autorun:** If EventX 100 is in mode **M/S** in the menu **DMX State**, the program will start automatically when the unit is power on.

**Run:** If EventX 100 is in mode **M/S** in the menu **DMX State**, the program can start only when the user selects **Run** and confirm.

**Program Show 1, 2, 3 or all** selected:

- Press the **ENTER** button to confirm.

- Use the **UP/DOWN** button to select **Autorun** or **Run**.
- Press the **ENTER** button to confirm.
- Press the **MENU** button back to the last menu or let the unit idle one minute to exit menu mode.

### **Edit Program**

In this menu, users are able to edit program.

**Edit Program** selected:

- Press the **ENTER** button to confirm.
- Use the **UP/DOWN** button to select **Program Show 1**, **Program Show 2** or **Program Show 3**.

### **Program Show 1, Program Show 2 or Program Show 3**

In this menu, users are able to built his program sequences.

**Program Show 1, 2 or 3** selected:

- Press the **ENTER** button to confirm.
- Use the **UP/DOWN** button to select **Add Act**, **Delete**, **Clear All** or **View Program**.

#### **Add Act**

With this function, users are able to add one Act, between **Act 1** to **Act 10**.

**Add Act** selected:

- Press the **ENTER** button to confirm.
- Use the **UP/DOWN** button to select between **Act 1** to **Act 10**.
- Press the **ENTER** button to confirm.

#### **Delete**

With this function, users are able to delete one Act, between **Act 1** to **Act 10**.

**Delete** selected:

- Press the **ENTER** button to confirm.
- Use the **UP/DOWN** button to select between **Act 1** to **Act 10**.
- Press the **ENTER** button to confirm.

#### **Clear All**

With this function, users are able to delete all acts of the program selected

**Clear All** selected:

- Press the **ENTER** button to confirm.

#### **View Program**

With this function, users are able to view the program selected (only one cycle)

**View Program** selected:

- Press the **ENTER** button to confirm.

### **Edit Act**

In this menu, users are able to edit acts.

**Edit Act** selected:

- Press the **ENTER** button to confirm.
- Use the **UP/DOWN** button to select **Act 1** to **Act 10**.

### **Act 1 to Act 10**

In this menu, users are able to built his program sequences.

**Act 1 to Act 10** selected:

- Press the **ENTER** button to confirm.
- Use the **UP/DOWN** button to select **Add Scene**, **Delete**, **Clear All** or **View Program**.

#### **Add Scene**

With this function, users are able to add one Scene, between **Scene 1** to **Scene 20**.

**Add Scene** selected:

- Press the **ENTER** button to confirm.
- Use the **UP/DOWN** button to select between **Scene 1 to Scene 20**.
- Press the **ENTER** button to confirm.

### **Delete**

With this function, users are able to delete one Scene, between **Scene 1 to Scene 20**.

**Delete** selected:

- Press the **ENTER** button to confirm.
- Use the **UP/DOWN** button to select between **Scene 1 to Scene 20**.
- Press the **ENTER** button to confirm.

### **Clear All**

With this function, users are able to delete all scenes of the act selected

**Clear All** selected:

- Press the **ENTER** button to confirm.

### **View Program**

With this function, users are able to view the program in the act selected (only one cycle).

**View Program** selected:

- Press the **ENTER** button to confirm.

## **Edit Scene**

In this menu, users are able to edit scenes.

**Edit Scene** selected:

- Press the **ENTER** button to confirm.
- Use the **UP/DOWN** button to select **Clear all, Scene 1 to Scene 20**.

### **Clear all**

With this function, users are able to clear all data of all scenes.

**Clear all** selected:

- Press the **ENTER** button to confirm.
- Use the **UP/DOWN** button to select **Yes or No**.
- Press the **ENTER** button to confirm.

### **Scene 1 to Scene 20**

In this menu, users are able to built scenes.

**Scene 1 to Scene 20** selected:

- Press the **ENTER** button to confirm.
- Use the **UP/DOWN** button to select **Modify, Copy DMX, Copy Last or Clear**.

### **Modify**

In this menu, users are able to modify one Scene, between **Scene 1 to Scene 20**.

**Modify** selected:

- Press the **ENTER** button to confirm.
- Use the **UP/DOWN** button to select **Wait Time, Fade Time, Red, Green, Blue, White, Zoom, Dimmer or Strobe**.

### **Wait Time**

With this function, users set the wait (static) time to current scene in second.

**Wait Time** selected:

- Press the **ENTER** button to confirm.
- Use the **UP/DOWN** button to change the value. (0 to 255)
- Press the **ENTER** button to confirm.
- Press the **MENU** button back to the last menu or let the unit idle one minute to exit menu mode.

## **Fade Time**

With this function, users set the fade-in (transition) time to current scene in second. (0 to 255)

**Fade Time** selected:

- Press the **ENTER** button to confirm.
- Use the **UP/DOWN** button to change the value.
- Press the **ENTER** button to confirm.
- Press the **MENU** button back to the last menu or let the unit idle one minute to exit menu mode.

## **Red**

With this function, users can adjust the light power of red output. ( 0 = Black ; 255 = 100% Red )

**Red** selected:

- Press the **ENTER** button to confirm.
- Use the **UP/DOWN** button to change the value. (0 to 255)
- Press the **ENTER** button to confirm.
- Press the **MENU** button back to the last menu or let the unit idle one minute to exit menu mode.

## **GREEN**

With this function, users can adjust the light power of green output. ( 0 = Black ; 255 = 100% green )

**Green** selected:

- Press the **ENTER** button to confirm.
- Use the **UP/DOWN** button to change the value. (0 to 255)
- Press the **ENTER** button to confirm.
- Press the **MENU** button back to the last menu or let the unit idle one minute to exit menu mode.

## **Blue**

With this function, users can adjust the light power of blue output. ( 0 = Black ; 255 = 100% Blue )

**Blue** selected:

- Press the **ENTER** button to confirm.
- Use the **UP/DOWN** button to change the value. (0 to 255)
- Press the **ENTER** button to confirm.
- Press the **MENU** button back to the last menu or let the unit idle one minute to exit menu mode.

## **White**

With this function, users can adjust the light power of white output. ( 0 = Black ; 255 = 100% White )

**White** selected:

- Press the **ENTER** button to confirm.
- Use the **UP/DOWN** button to change the value. (0 to 255)
- Press the **ENTER** button to confirm.
- Press the **MENU** button back to the last menu or let the unit idle one minute to exit menu mode.

## **Zoom**

With this function, users can adjust the beam angle. ( 0 = Open ; 255 = 100% Close )

**Zoom** selected:

- Press the **ENTER** button to confirm.
- Use the **UP/DOWN** button to change the value. (0 to 255)
- Press the **ENTER** button to confirm.
- Press the **MENU** button back to the last menu or let the unit idle one minute to exit menu mode.

## **Dimmer**

With this function, users can adjust the intensity of light power output. ( 0 = Off ; 255 = 100% light )

**Dimmer** selected:

- Press the **ENTER** button to confirm.
- Use the **UP/DOWN** button to change the value. (0 to 255)
- Press the **ENTER** button to confirm.
- Press the **MENU** button back to the last menu or let the unit idle one minute to exit menu mode.

### **Strobe**

With this function, users can adjust the strobe effect speed. ( 0 = slow ; 255 = 100% fast )

**Strobe** selected:

- Press the **ENTER** button to confirm.
- Use the **UP/DOWN** button to change the value. (0 to 255)
- Press the **ENTER** button to confirm.
- Press the **MENU** button back to the last menu or let the unit idle one minute to exit menu mode.

### **Copy DMX**

With this function, DMX values can be stored by means of a DMX controller.

**Copy DMX** selected:

- Press the **ENTER** button to confirm.

### **Copy Last**

With this function, DMX values from the previous scene will be copied.

**Copy DMX** selected:

- Press the **ENTER** button to confirm.

### **Clear All**

With this function, all DMX values from the selected scene will be deleted.

**Clear All** selected:

- Press the **ENTER** button to confirm.

### **Auto Test**

In this menu, EventX 100 will run built-in programs to automatically test.

Press **Menu** button 2 seconds if the display is locked, else one impulsion on the **Menu** button is necessary to access to the first menu. Press Enter button, the display will show “ **DMX Setting** ”.

Use the **UP/DOWN** button to select **Auto Test**. Press the **ENTER** button to confirm.

Press the **MENU** button back to the last menu or exit menu mode after auto test.

### **Manual Mode**

In this menu, users can use the channel wished.

Press **Menu** button 2 seconds if the display is locked, else one impulsion on the **Menu** button is necessary to access to the first menu. Press Enter button, the display will show “ **DMX Setting** ”.

Use the **UP/DOWN** button to select **Manual Mode**. Press the **ENTER** button to confirm.

Use the **UP/DOWN** button to select **Dimmer, Strobe, Red, Green, Blue, White, Color** or **Zoom**.

Use the **UP/DOWN** button to adjust the value. ( 0 to 255 )

Press the **ENTER** button to store.

Press the **MENU** button back to the last menu or exit menu mode after auto test.

### **Display Settings**

In this menu, users are able to set different options of the display.

Press **Menu** button 2 seconds if the display is locked, else one impulsion on the **Menu** button is necessary to access to the first menu. Press Enter button, the display will show “ **DMX Setting** ”.

Use the **UP/DOWN** button to select **Display Setting**. Press the **ENTER** button to confirm.

Use the **UP/DOWN** button to select **Display Inverse, Black light Auto Off, Temperature Unit, Display Warning** or **Language**.

#### **Display Inverse**

With this function users can the entire display to be flipped by 180° to allow for better view when the fixture is hung from truss or a ceiling.

**Display Inverse** selected:

- Press the **ENTER** button to confirm.
- Use the **UP/DOWN** button to select **Yes** or **No**.
- Press the **ENTER** button to store.
- Press the **MENU** button back to the last menu or let the unit idle one minute to exit menu mode.

## Black light Auto Off

With this function, users can shut off the Oled display after 30 seconds.

**Black light Auto Off** selected:

- Press the **ENTER** button to confirm.
- Use the **UP/DOWN** button to select **Yes** or **No**.
- Press the **ENTER** button to store.
- Press the **MENU** button back to the last menu or let the unit idle one minute to exit menu mode.

## Temperature Unit

With this function, users can select the unit of the temperature displayed in Fahrenheit or Celsius.

**Temperature Unit** selected:

- Press the **ENTER** button to confirm.
- Use the **UP/DOWN** button to select °C or °F.
- Press the **ENTER** button to store.
- Press the **MENU** button back to the last menu or let the unit idle one minute to exit menu mode.

## Display Warning

With this function, users are informed if EventX 100 has problems.

**Display Warning** selected:

- Press the **ENTER** button to confirm.
- Use the **UP/DOWN** button to select **Yes** or **No**.
- Press the **ENTER** button to store.
- Press the **MENU** button back to the last menu or let the unit idle one minute to exit menu mode.

## Language

With this function, users are able to change languages.

**Language** selected:

- Press the **ENTER** button to confirm.
- Use the **UP/DOWN** button to select **English** or **Chinese**.
- Press the **ENTER** button to store.
- Press the **MENU** button back to the last menu or let the unit idle one minute to exit menu mode.

## Fixture Info

In this menu, users will get various informations about EventX 100.

Press **Menu** button 2 seconds if the display is locked, else one impulsion on the **Menu** button is necessary to access to the first menu. The display will show “ **DMX Setting** ”.

Use the **UP/DOWN** button to select **Fixture Info**. Press the **ENTER** button to confirm.

Use the **UP/DOWN** button to select **Battery Power, light Temperature, Fixture use time, LED on time** or **Firmware Version**.

## Battery Power

With this function, users are able to display the percentage of remaining battery power.

**Battery Power** selected:

- Press the **ENTER** button to confirm.
- The display will show the value.
- Press the **MENU** button back to the last menu or let the unit idle one minute to exit menu mode.

## LED Temperature

With this function, users are able to display the temperature on the led board.

**LED Temperature** selected:

- Press the **ENTER** button to confirm.
- The display will show the value.
- Press the **MENU** button back to the last menu or let the unit idle one minute to exit menu mode.

## Fixture use time

With this function, users are able to display the running time of the device.

**Fixture use time** selected:

- Press the **ENTER** button to confirm.
- The display will show the value.
- Press the **MENU** button back to the last menu or let the unit idle one minute to exit menu mode.

### **Light on time**

With this function, users are able to display the running time of the led board.

**Light on time** selected:

- Press the **ENTER** button to confirm.
- The display will show the value in hours.
- Press the **MENU** button back to the last menu or let the unit idle one minute to exit menu mode.

### **Firmware Version**

With this function, users are able to display the firmware version.

**Firmware Version** selected:

- Press the **ENTER** button to confirm.
- The display will show the value.
- Press the **MENU** button back to the last menu or let the unit idle one minute to exit menu mode.

## **Reset Function**

In this menu, users are able to reset the zoom motors or setup the Wireless ID.

Press **Menu** button 2 seconds if the display is locked, else one impulsion on the **Menu** button is necessary to access to the first menu. The display will show “ **DMX Setting** ”.

Use the **UP/DOWN** button to select **Reset Function**. Press the **ENTER** button to confirm.

Use the **UP/DOWN** button to select **Zoom Motor, Radio Clear Code**.

### **Zoom Motor**

With this function, users are able to reset the zoom motors.

**Zoom Motor** selected:

- Press the **ENTER** button to confirm.
- Use the **UP/DOWN** button to select **Yes** or **No**.
- Press the **ENTER** button to confirm.
- Press the **MENU** button back to the last menu or let the unit idle one minute to exit menu mode.

### **Radio Clear Code**

With this function, users will associate EventX 100 to a Wireless Transceiver.

**Radio Clear Code** selected:

- Press the **ENTER** button to confirm.
  - Use the **UP/DOWN** button to select **Yes** or **No**.
  - Press the **ENTER** button to confirm.
  - The display will show “ **Press Up and Down key, Hold over 5s** ”.
- Do not press now. You must first press the Function button of the Wireless Transceiver  
The green led named **RF Link** will flash.
- Press **Up** and **Down** key, hold them over 5s.
  - During the process the display will show “ **Radio Code Clearing .....** ”.
  - Once the display come back to the main menu, you can release **Up** and **Down** buttons.

## **Factory Settings**

With this function, users can restore EventX 100 to factory default setting.

Press **Menu** button 2 seconds if the display is locked, else one impulsion on the **Menu** button is necessary to access to the main menu. The display will show “ **DMX Setting** ”.

Use the **UP/DOWN** button to select **Factory Setting**. Press the **ENTER** button to confirm.

Use the **UP/DOWN** button to select **Yes** or **No**.

Press the **ENTER** button to confirm.

Press the **MENU** button back to the last menu or let the unit idle one minute to exit menu mode.

## 6 - DMX chart

### 5 Channels Mode:

Channel	Value	Function
1	000-255	RED → Dimmer 0% – 100%
2	000-255	GREEN → Dimmer 0% – 100%
3	000-255	BLUE → Dimmer 0% – 100%
4	000-255	WHITE → Dimmer 0% – 100%
5	000-255	ZOOM → 0% – 100%

### 7 Channels Mode:

Channel	Value	Function
1	000-255	BEAM DIMMER → 0% – 100%
2	000-007 008-015 016-131 132-139 140-181 182-189 190-231 232-239 240-247 248-255	STROBE EFFECT Off On Strobe from slow to fast On Slow open fast close On Slow close fast open On Random strobe On
3	000-255	RED → Dimmer 0% – 100%
4	000-255	GREEN → Dimmer 0% – 100%
5	000-255	BLUE → Dimmer 0% – 100%
6	000-255	WHITE → Dimmer 0% – 100%
7	000-255	Zoom → 0% – 100%



## 8 Channels Mode:

Channel	Value	Function
1	000-255	BEAM DIMMER → 0% – 100%
2	000-007	STROBE EFFECT Off
	008-015	On
	016-131	Strobe from slow to fast
	132-139	On
	140-181	Slow open fast close
	182-189	On
	190-231	Slow close fast open
	232-239	On
	240-247	Random strobe
	248-255	On
3	000-009	COLOR Open, RGBW color mixing enabled
	010-014	LEE 790 - Moroccan pink
	015-019	LEE 157 - Pink
	020-024	LEE 332 - Special rose pink
	025-029	LEE 328 - Follies pink
	030-034	LEE 345 - Fuchsia pink
	035-039	LEE 194 – Surprise pink
	040-044	LEE 181 – Congo blue
	045-049	LEE 071 – Tokyo blue
	050-054	LEE 120 – Deep blue
	055-059	LEE 079 – Just blue
	060-064	LEE 132 – Medium blue
	065-069	LEE 200 – Double CT blue
	070-074	LEE 161 – Slate blue
	075-079	LEE 201 – Full CT blue
	080-084	LEE 202 – Half CT blue
	085-089	LEE 117 – Steel blue
	090-094	LEE 353 – Lighter blue
	095-099	LEE 118 – Light blue
	100-104	LEE 116 – Medium blue green
	105-109	LEE 124 – Dark green
	110-114	LEE 139 – Primary green
	115-119	LEE 089 – Moss green
	120-124	LEE 122 – Fern green
	125-129	LEE 738 – JAS green

	130-134	LEE 088 – Lime green
	135-139	LEE 100 – Spring yellow
	140-144	LEE 104 – Deep amber
	145-149	LEE 179 – Chrome orange
	150-154	LEE 105 – Orange
	155-159	LEE 021 Gold amber
	160-164	LEE 778 – Millennium gold
	165-169	LEE 135 – Deep golden amber
	170-174	LEE 164 – Flame red
	175-179	White 2800K
	180-201	White 3200K
	202-207	White 4000K
	208-229	White 5600K
	230-249	White 8000K
	250-255	Open
4	000-255	RED → Dimmer 0% – 100%
5	000-255	GREEN → Dimmer 0% – 100%
6	000-255	BLUE → Dimmer 0% – 100%
7	000-255	WHITE → Dimmer 0% – 100%
8	000-255	ZOOM → 0% – 100%

## 7 - LEE colors and RGB DMX values

The values R, G, B are approximate. They were obtained by comparing the coordinates X, Y from Lee table with a base white to 6000K.

These colors were obtained with EventX 100 is in calibration mode.

DMX Value	Red	Green	Blue	
10 - 14	255	169	40	LEE 790 - Moroccan pink
15 - 19	255	74	29	LEE 157 - Pink
20 - 24	255	10	40	LEE 332 - Special rose pink
25 - 29	255	84	91	LEE 328 - Follies pink
30 - 34	2255	156	198	LEE 345 - Fuchsia pink
35 - 39	216	216	177	LEE 194 - Surprise pink
40 - 44	0	17	255	LEE 181 - Congo Blue
45 - 49	0	0	255	LEE 071 - Tokyo Blue
50 - 54	0	47	255	LEE 120 - Deep Blue
55 - 59	0	88	255	LEE 079 - Just Blue
60 - 64	0	175	255	LEE 132 - Medium Blue
65 - 69	60	255	232	LEE 200 - Double CT Blue
70 - 74	42	255	191	LEE 161 - Slate Blue
75 - 79	116	255	125	LEE 201 - Full CT Blue
80 - 84	169	255	94	LEE 202 - Half CT Blue
85 - 89	94	255	90	LEE 117 - Steel Blue
90 - 94	53	255	111	LEE 353 - Lighter Blue
95 - 99	0	174	255	LEE 118 - Light Blue
100 - 104	0	255	89	LEE 116 - Medium Blue Green
105 - 109	0	255	13	LEE 124 - Dark Green
110 - 114	5	255	0	LEE 139 - Primary Green
115 - 119	60	247	11	LEE 089 - Moss Green
120 - 124	45	255	14	LEE 122 - Fern Green
125 - 129	100	255	0	LEE 738 - JAS Green
130 - 134	162	255	8	LEE 088 - Lime Green
135 - 139	232	255	5	LEE 100 - Spring Yellow
140 - 144	255	157	0	LEE 104 - Deep Amber
145 - 149	255	124	0	LEE 179 - Chrome Orange
150 - 154	255	84	0	LEE 105 - Orange
155 - 159	255	60	6	LEE 021 - Gold Amber
160 - 164	255	58	0	LEE 778 - Millennium Gold
165 - 169	255	19	0	LEE 135 - Deep Golden Amber
170 - 174	255	8	0	LEE 164 - Flame Red

## 8 - Technical Specifications

### Source and Optics

Light source: 7x10W RGBW LEDs

Beam angle: 10° - 60°

### Control

Control Modes: DMX, Wireless, Master/Slave, IR remote control

DMX Channel: 5/ 7/ 8 Channel Modes

Firmware upgrade: Update via DMX link

2.4G Built-in Wireless

### Housing & Construction

Housing color: Grey

Excellent thermal design

Lithium battery

Battery Capacity: DC 25.9V 15Ah

Battery durability: 500 times

Battery charging time: 5.5 Hours

Show times: 10 hours

Display: OLED display

Data In/Out: 5 pins XLR socket

Fastening system One Omega clamp

Flight Case for 4 units with main power socket for battery charger

Protection rating: IP65

### Physical

Dimensions: 290 x 227 x 402 mm

Weight: 15 Kg

Power consumption: 82W (led calibrate)

### Charger

Input Power Voltage: AC100~240V, 50/60Hz

Output Power Voltage: DC 29.4 V 4A

Power consumption: 120W

Weight: 0.7Kgs

Dimensions: 172 x 72 x 33 mm

### Features

Motorized linear zoom system.

Outstanding color macro effect

Smooth dimming 0-100%

Calibration function

Constant color function

Variable strobe speed

Manual adjustable tilt to 250 degrees

## 9 - Troubleshooting

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

### A. The unit does not work, no light

1. Check the power level battery
2. Check the power connection of the charger if plugged
3. Measure the mains voltage on the main connector if charger plugged.

### B. Not responding to DMX controller

1. DMX LED should be on. If not, check DMX connectors, cables to see if link properly.
2. If the DMX LED is on and no response to the channel, check the address settings and DMX polarity.
3. If you have intermittent DMX signal problems, check the pins on connectors or on PCB of the unit or the previous one.
4. Try to use another DMX controller.
5. Check if the DMX cables run near or run alongside to high voltage cables that may cause damage or interference to DMX interface circuit.

## 10 - Maintenance and cleaning

The cleaning of external must be carried out periodically to optimize light output. Cleaning frequency depends on the environment in which the fixture operates: damp, smoky or particularly dirty surrounding can cause greater accumulation of dirt on the fixture's optics.

- Clean with soft cloth using normal glass cleaning fluid.
- Always dry the parts carefully.



## **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 89/336/EEC.

EN55103-1: 2009 ; EN55103-2: 2009; EN62471: 2008;  
EN61000-3-2: 2006 + A1:2009 + A2:2009; EN61000-3-3: 2008.

**&**

### **Harmonized Standard**

EN 60598-1:2008 + All:2009; EN 60598-2-17:1989 + A2:1991;  
EN 62471:2008; EN 62493: 2010  
Safety of household and similar electrical appliances  
Part 1: General requirements

**Innovation, Quality, Performance**