

**ENGLISH**

**Infinity iFX-615**

**V2**

**Ordercode: 41551**

## Table of contents

<b>Warning</b> .....	2
Safety Instructions .....	2
Operating Determinations .....	4
Rigging .....	4
Connection with the mains.....	5
Return Procedure.....	6
Claims.....	6
<b>Description of the device</b> .....	7
Frontside.....	7
Backside .....	8
<b>Installation</b> .....	8
<b>Set Up and Operation</b> .....	8
Control Modes.....	9
One Infinity (Stand-alone).....	9
Multiple Infinities (Master/Slave control).....	9
Multiple Infinities (DMX control) .....	10
Fixture Linking.....	11
Data Cabling.....	11
Control Panel.....	12
Control Mode .....	12
DMX Addressing.....	12
Menu Overview.....	13
Main Menu Options .....	14
1. DMX Addressing.....	14
2. Edit Mode .....	15
3. Settings Menu .....	15
3.1. Color Balance .....	16
3.2. Life Time .....	16
3.2.1. Set Password .....	16
3.3. Reset .....	17
4. Built-in Programs.....	17
5. Test Menu .....	18
6. System information .....	19
DMX Channels .....	19
25 channels.....	19
49 channels.....	25
<b>Maintenance</b> .....	32
Replacing the Fuse.....	32
<b>Troubleshooting</b> .....	32
No Light .....	32
No Response to DMX.....	33
<b>Product Specifications</b> .....	34
<b>Dimensions</b> .....	35
<b>Notes</b> .....	36

## Warning



**For your own safety, please read this user manual carefully  
before your initial start-up!**

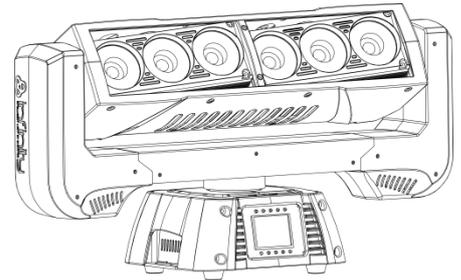


### Unpacking Instructions

Immediately upon receiving this product, carefully unpack the carton and check the contents to ensure that all parts are present, and have been received in good condition. Notify the dealer immediately and retain packing material for inspection if any parts appear damaged from shipping or the carton itself shows signs of mishandling. Save the carton and all packing materials. In the event that a fixture must be returned to the factory, it is important that the fixture be returned in the original factory box and packing.

### Your shipment includes:

- Infinity iFX-615
- Mounting bracket with quick-locks
- Pro power to Schuko power cable (1,5 m)
- User manual



### LED Expected Lifespan

LEDs gradually decline in brightness over time. HEAT is the dominant factor that leads to the acceleration of this decline. Packaged in clusters, LEDs exhibit higher operating temperatures than in ideal or singular optimum conditions. For this reason, when all color LEDs are used at their fullest intensity, life of the LEDs is significantly reduced. If improving life expectancy is of higher priority, place care in providing for lower operational temperatures. This may include climatic-environmental and the reduction of overall projection intensity.



### CAUTION!

**Keep this device away from rain and moisture!  
Unplug mains lead before opening the housing!**



### Safety Instructions

Every person involved with the installation, operation and maintenance of this device has to:

- be qualified
- follow the instructions of this manual



**CAUTION! Be careful with your operations.  
With a dangerous voltage you can suffer  
a dangerous electric shock when touching the wires!**



Before the initial start-up, please make sure that there is no damage caused by transportation. Should there be any, consult your dealer and do not use the device.

To maintain perfect condition and to ensure a safe operation, it is absolutely necessary for the user to follow the safety instructions and warning notes written in this manual.

Please consider that damages caused by manual modifications to the device are not subject to warranty.

This device contains no user-serviceable parts. Refer servicing to qualified technicians only.

**IMPORTANT:**

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.

- Never let the power cord come into contact with other cables! Handle the power cord and all connections with the mains with particular caution!
- Never remove warning or informative labels from the unit.
- Never use anything to cover the ground contact.
- Never lift the fixture holding it by the projector-head, as the mechanics may be damaged. Always hold the fixture by the transport handles.
- Never place any material over the lens.
- Never look directly into the light source.
- Never leave any cables lying around.
- Do not insert objects into air vents.
- Do not connect this device to a dimmer pack.
- Do not switch the device on and off in short intervals, as this will reduce the device's life.
- Do not touch the device's housing bare-handed during its operation (housing becomes very hot). Allow the fixture to cool for at least 5 minutes before handling.
- Do not shake the device. Avoid brute force when installing or operating the device.
- Only use the device indoors, avoid contact with water or other liquids.
- Only operate the fixture after having checked if the housing is firmly closed and all screws are tightly fastened.
- Only operate the device after having familiarized with its functions.
- Avoid flames and do not put close to flammable liquids or gases.
- Always keep the case closed while operating.
- Always allow a free air space of at least 50 cm around the unit for ventilation.
- Always disconnect power from the mains, when device is not used or before cleaning! Only handle the power cord holding it by the plug. Never pull out the plug by tugging the power cord.
- Make sure that the device is not exposed to extreme heat, moisture or dust.
- Make sure that the available voltage is not higher than stated on the rear panel.
- Make sure that the power cord is never crimped or damaged. Check the device and the power cord from time to time.
- If the lens is obviously damaged, it has to be replaced.
- If device was dropped or struck, disconnect mains power supply immediately. Have a qualified engineer inspect for safety before operating.
- If the device has been exposed to drastic temperature fluctuation (e.g. after transportation), do not switch it on immediately. The arising condensation water might damage your device. Leave the device switched off until it has reached room temperature.
- If your Infinity device fails to work properly, discontinue the use immediately. Pack the unit securely (preferably in the original packing material), and return it to your Infinity dealer for service.
- For adult use only. The moving head must be installed beyond the reach of children. Never leave the unit running unattended.
- Never attempt to bypass the thermostatic switch or fuses.
- For replacement use fuses of same type and rating only.
- The user is responsible for correct positioning and operating of the Infinity. The manufacturer will not accept liability for damages caused by the misuse or incorrect installation of this device.
- This device falls under protection class I. Therefore it is essential to connect the yellow/green conductor to earth.
- Repairs, servicing and electric connection must be carried out by a qualified technician.
- WARRANTY: Till one year after date of purchase.



**CAUTION! Eyedamages!!!**  
**Avoid looking directly into the lightsource!!!**  
**(meant especially for epileptics)!!!**



**Operating Determinations**

- This device is not designed for permanent operation. Consistent operation breaks will ensure that the device will serve you for a long time without defects.
- The minimum distance between light output and the illuminated surface must be bigger than 1 meter.
- The maximum ambient temperature  $t_a = 40^{\circ}\text{C}$  must never be exceeded.
- The relative humidity must not exceed 50 % with an ambient temperature of  $40^{\circ}\text{C}$ .
- If this device is operated in any other way than the one described in this manual, the product may suffer damages and the warranty becomes void.
- Any other operation may lead to dangers like short-circuit, burns, electric shock, crash etc.

*You endanger your own safety and the safety of others!*

**Rigging**

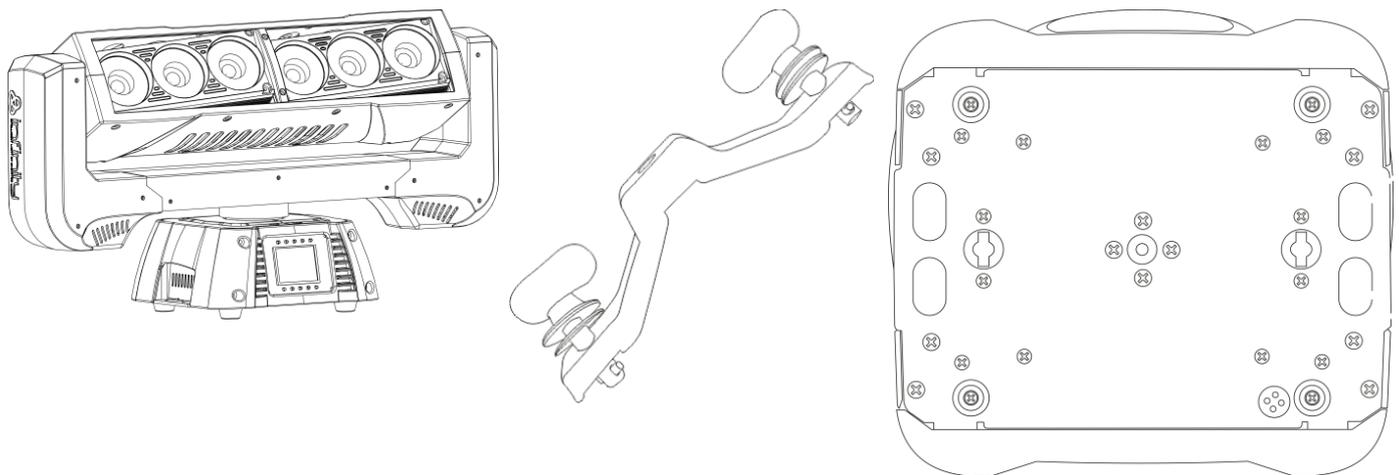
*Please follow the European and national guidelines concerning rigging, trussing and all other safety issues.*

*Do not attempt the installation yourself!*

*Always have the inspections carried out by an authorized dealer!*

**Procedure:**

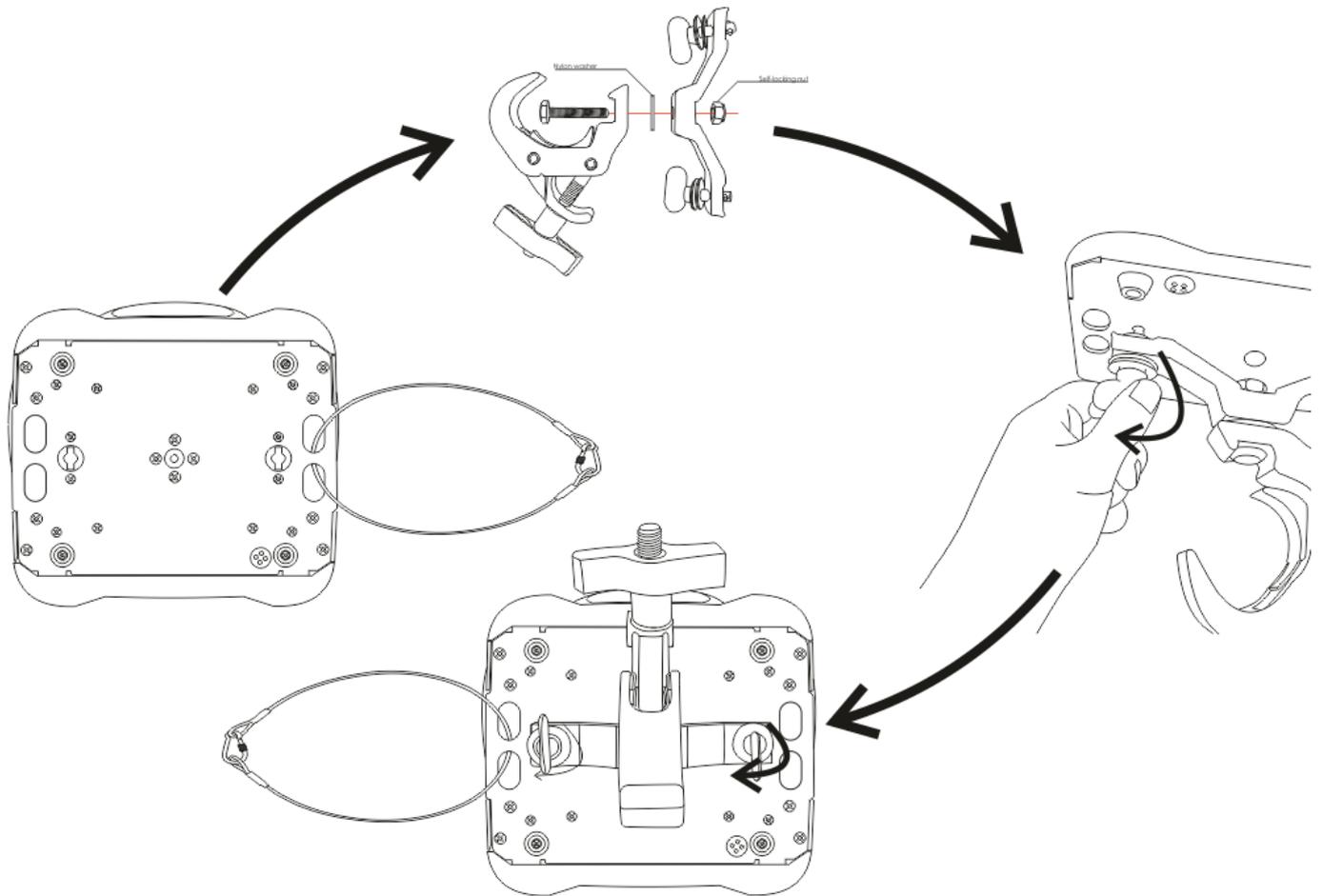
- If the Infinity is lowered from the ceiling or high joists, professional trussing systems have to be used.
- Use a clamp to mount the Infinity, with the mounting bracket, to the trussing system.
- The Infinity must never be fixed swinging freely in the room.
- The installation must always be secured with a safety attachment, e.g. an appropriate safety net or safety cable.
- When rigging, derigging or servicing the Infinity, always make sure, that the area below the installation site is secured and that there are not any unauthorized people around.



The Infinity can be placed on a flat stage floor or mounted to any kind of truss with a mounting bracket, a clamp and quick-locks.

*Improper installation can cause serious injuries and/or damage of property!*

**Mounting a clamp to the bottom side of the Infinity moving head**



*Improper installation can cause serious injuries and/of damage of property!*

**Connection with the mains**

Connect the device to the mains with the power-plug.  
Always check if the right color cable is connected to the right place.

International	EU Cable	UK Cable	US Cable	Pin
L	BROWN	RED	YELLOW/COPPER	PHASE
N	BLUE	BLACK	SILVER	NEUTRAL
⊕	YELLOW/GREEN	GREEN	GREEN	PROTECTIVE GROUND

*Make sure that the device is always properly connected to the earth!*

*Improper installation can cause serious injuries and/or damage of property!*



### Return Procedure



Returned merchandise must be sent prepaid and in the original packing, call tags will not be issued. Package must be clearly labeled with a Return Authorization Number (RMA number). Products returned without an RMA number will be refused. Highlite will not accept the returned goods or any responsibility. Call Highlite 0031-455667723 or mail [offersales@highlite.nl](mailto:offersales@highlite.nl) and request an RMA prior to shipping the fixture. Be prepared to provide the model number, serial number and a brief description of the cause for the return. Be sure to properly pack fixture, any shipping damage resulting from inadequate packaging is the customer's responsibility. Highlite reserves the right to use its own discretion to repair or replace product(s). As a suggestion, proper UPS packing or double-boxing is always a safe method to use.

**Note: If you are given an RMA number, please include the following information on a piece of paper inside the box:**

- 01) Your name
- 02) Your address
- 03) Your phone number
- 04) A brief description of the symptoms

### Claims

The client has the obligation to check the delivered goods immediately upon delivery for any shortcomings and/or visible defects, or perform this check after our announcement that the goods are at their disposal. Damage incurred in shipping is the responsibility of the shipper; therefore the damage must be reported to the carrier upon receipt of merchandise.

It is the customer's responsibility to notify and submit claims with the shipper in the event that a fixture is damaged due to shipping. Transportation damage has to be reported to us within one day after receipt of the delivery.

Any return shipment has to be made post-paid at all times. Return shipments must be accompanied with a letter defining the reason for return shipment. Non-prepaid return shipments will be refused, unless otherwise agreed in writing.

Complaints against us must be made known in writing or by fax within 10 working days after receipt of the invoice. After this period complaints will not be handled anymore.

Complaints will only then be considered if the client has so far complied with all parts of the agreement, regardless of the agreement of which the obligation is resulting.

## Description of the device

### Features

The Infinity iFX-615 is a moving head effect with high output and great effects.

- Input voltage: 100-240V AC, 60/50Hz
- Power consumption: 160W
- Light source: 6 x 15W RGBW 4-in-1 Osram Ostar
- Light output: 440 lumen per pixel
- DMX channels: 25, 49 channels
- Control modes: Stand-alone, Master/Slave, DMX-512
- Control protocol: DMX-512
- Dimmer: 0-100%
- Strobe: 0-20Hz
- Dimming curves: Linear, Square, I-Square, S-curve
- Beam Angle: 4,5°
- Y-axis control: -15°/+15°
- LCD display with gravity sensor
- Pan: 540°
- Tilt: 270°
- Special: Continuous Pan/Tilt
- Housing: Metal & flame retardant plastic
- Connections: Neutrik PowerCON & 3-pin XLR IN/OUT
- Fuse: F4AL/250V
- Dimensions: 590 x 200 x 320 mm (LxWxH)
- Weight: 10,7 kg

### Optional accessories

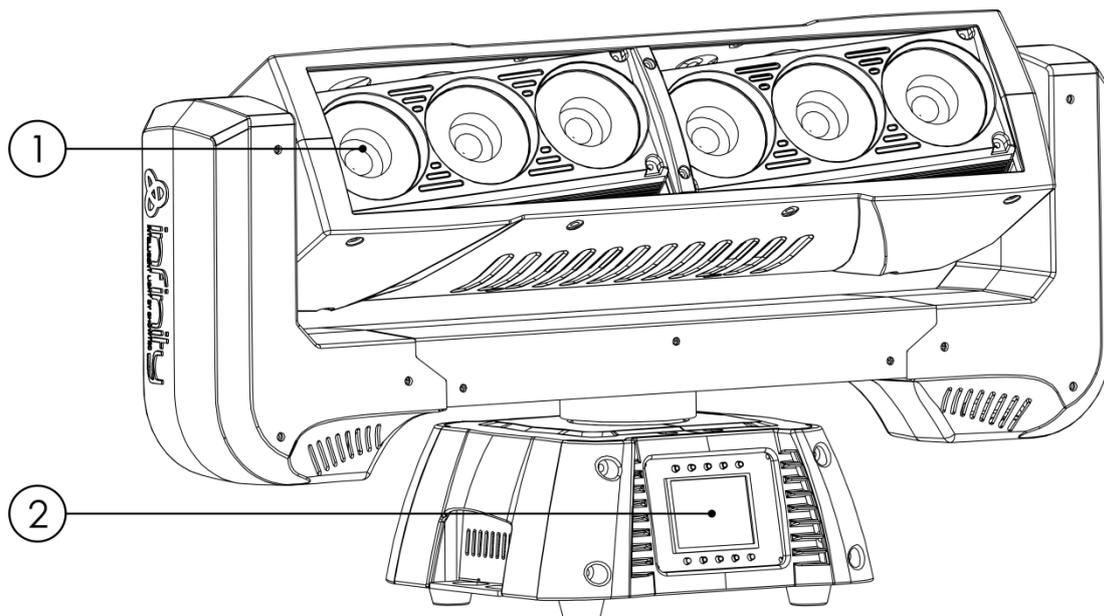
**MOD41551** – Wireless DMX upgrade kit



**The Wireless DMX upgrade kit should be installed ONLY by a qualified technician.  
Do not attempt installation yourself!**



### Frontside



- 01) 6 x 15W RGBW 4-in-1 Osram Ostar  
02) LCD display + menu buttons

Fig. 01

Backside

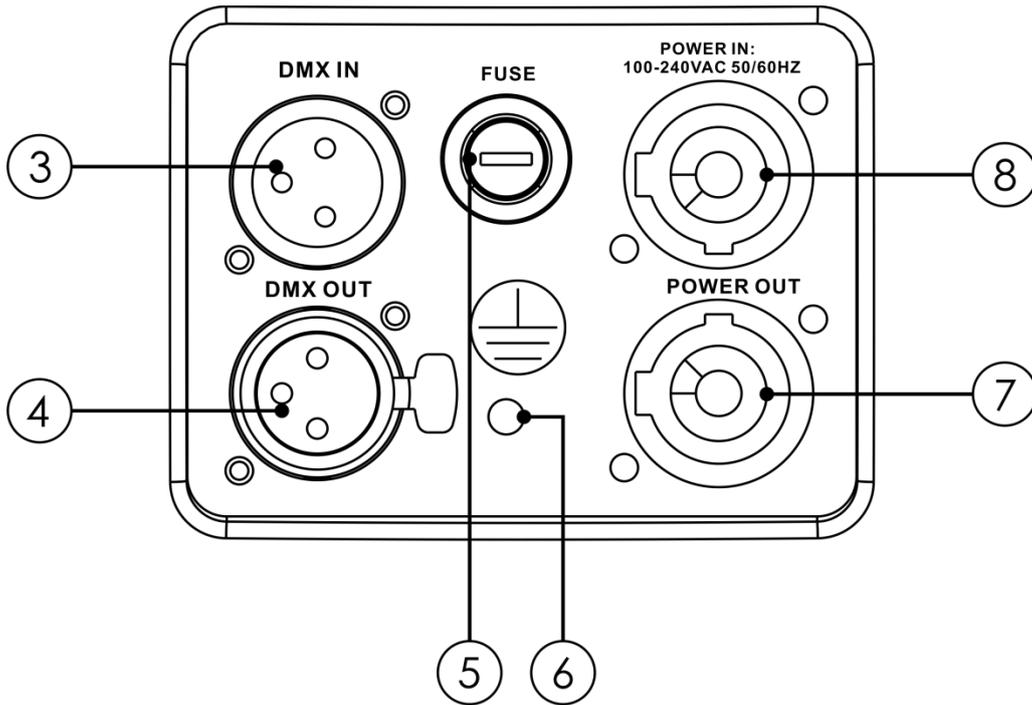


Fig. 02

- 03) 3-pin DMX signal connector IN
- 04) 3-pin DMX signal connector OUT
- 05) Fuse F4AL/250V
- 06) Ground/earth connection
- 07) Pro power connector 100-240V OUT
- 08) Pro power connector 100-240V IN

**Installation**

Remove all packing materials from the Infinity iFX-615. Check if all foam and plastic padding is removed. Connect all cables.

**Do not supply power before the whole system is set up and connected properly.**

**Always disconnect from electric mains power supply before cleaning or servicing.**

**Damages caused by non-observance are not subject to warranty.**

**Set Up and Operation**

Follow the directions below, as they pertain to your preferred operation mode.

Before plugging the unit in, always make sure that the power supply matches the product specification voltage. Do not attempt to operate a 120V specification product on 230V power, or vice versa.

Connect the device to the main power supply.

## Control Modes

There are 3 modes:

- Stand-alone
- Master/Slave
- DMX-512 (25CH, 49CH)

### One Infinity (Stand-alone)

- 01) Fasten the effect light to a firm trussing. Leave at least 0,5 meter on all sides for air circulation.
- 02) Always use a safety cable (ordercode 70140 / 70141).
- 03) Plug the end of the electric mains power cord into a proper electric power supply socket.
- 04) When the Infinity is not connected with a DMX cable, it functions as a stand-alone device.  
Please see pages 14-19 for more information about the Stand-alone mode.

### Multiple Infinitys (Master/Slave control)

- 01) Fasten the effect light onto firm trussing. Leave at least 0,5 meter on all sides for air circulation.
- 02) Always use a safety cable (ordercode 70140 / 70141).
- 03) Use a 3-pin XLR cable to connect the Infinity.

The pins:



- 01) Earth
- 02) Signal -
- 03) Signal +

- 04) Link the units as shown in fig. 03. Connect the first unit's DMX "out" socket with the second unit's "in" socket, using a DMX-signal cable. Repeat this process to link the second, third, and fourth units.  
You can use the same functions on the master device as described on pages 14-19. This means that you can set your desired operation mode on the master device and all slave devices will react the same as the master device.

### Multiple Infinitys (Master/Slave control)

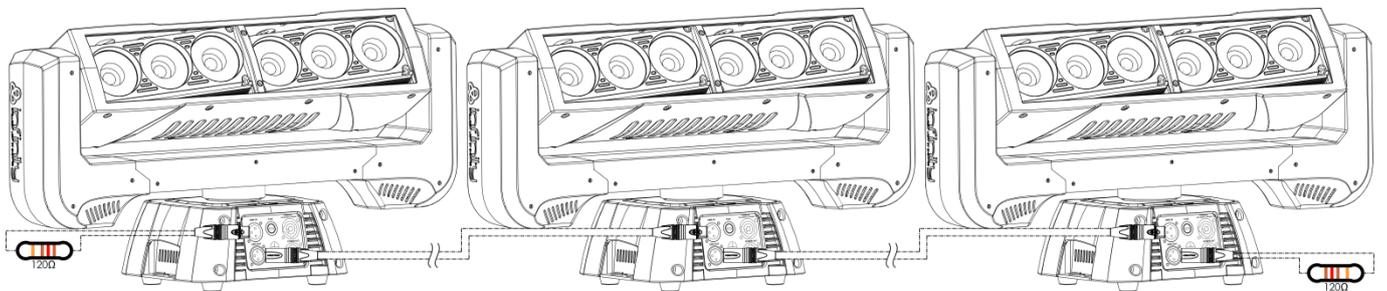
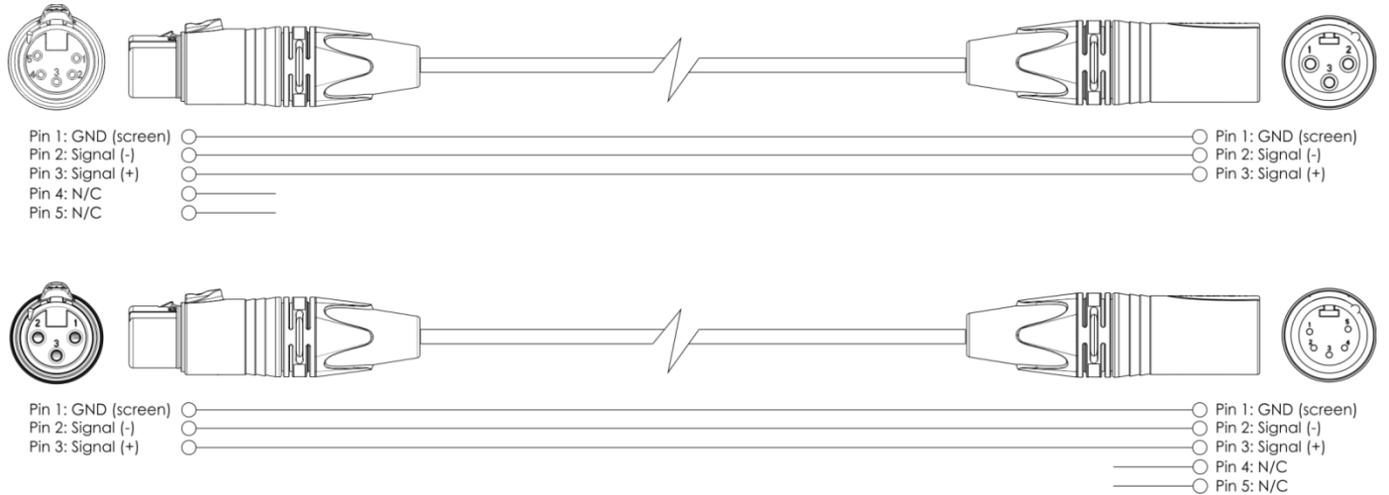


Fig. 03

**Multiple Infinitys (DMX control)**

- 01) Fasten the effect light to a firm trussing. Leave at least 0,5 meter on all sides for air circulation.
- 02) Always use a safety cable (ordercode 70140 / 70141).
- 03) Use a 3-pin XLR cable to connect the Infinity and other devices.



- 04) Link the units as shown in fig. 04. Connect the first unit's DMX "out" socket with the second unit's "in" socket, using a DMX-signal cable. Repeat this process to link the second, third, and fourth units.
- 05) Supply electric power: Plug electric mains power cords into each unit's PowerCON socket, then plug the other end of the mains power cord into proper electric power supply sockets, starting with the first unit. Do not supply power before the whole system is set up and connected properly.

**Multiple Infinitys DMX Set Up**

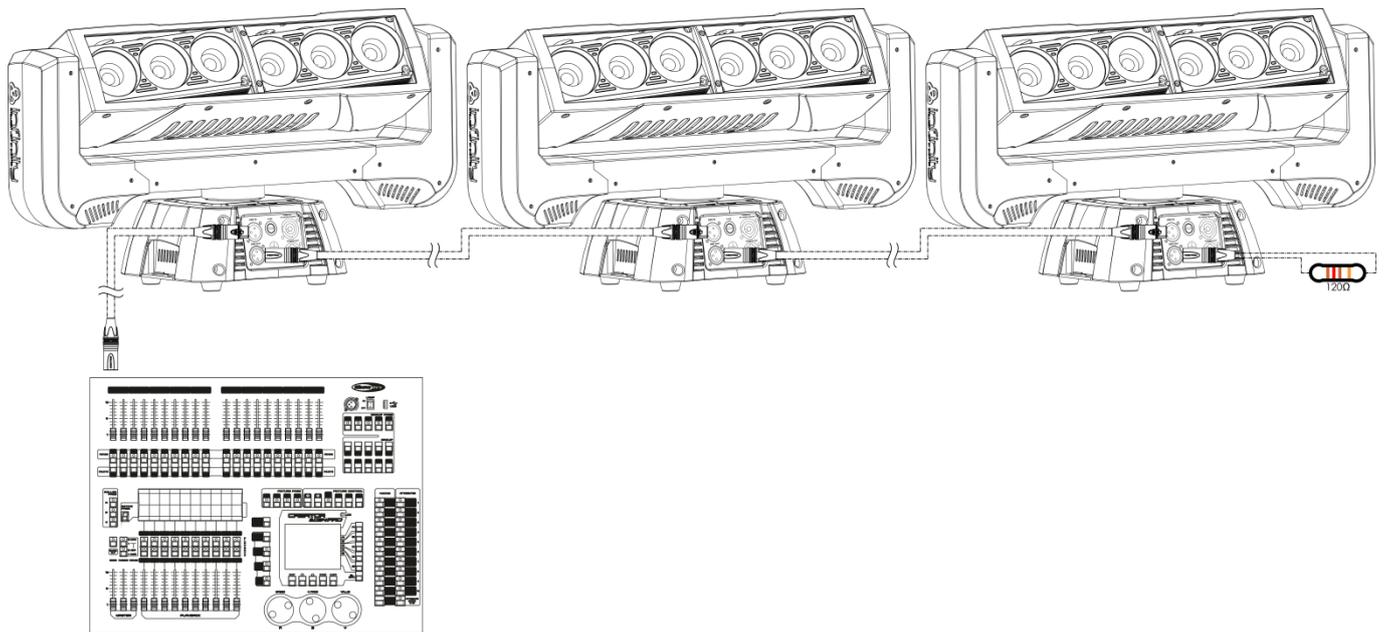


Fig. 04

**Note : Link all cables before connecting electric power**

## Fixture Linking

You will need a serial data link to run light shows of one or more fixtures using a DMX-512 controller or to run synchronized shows of two or more fixtures set to a master/slave operating mode. The combined number of channels required by all the fixtures on a serial data link determines the number of fixtures the data link can support.

**Important:** Fixtures on a serial data link must be daisy-chained in a single line. To comply with the EIA-485 standard, no more than 30 devices should be connected on one data link. Connecting more than 30 fixtures on one serial data link without the use of a DMX optically isolated splitter may result in deterioration of the digital DMX signal.

Maximum recommended DMX data link distance: 100 meters  
Maximum recommended number of fixtures on a DMX data link: 30 fixtures



## Data Cabling

To link fixtures together, you must obtain data cables. You can purchase DAP Audio certified DMX cables directly from a dealer/distributor or construct your own cable. If you choose to create your own cable, please use data-grade cables that can carry a high quality signal and are less prone to electromagnetic interference.

### DAP Audio DMX Data Cables

- DAP Audio Basic microphone cable for allround use. bal. XLR/M 3-pin > XLR/F 3-pin. **Ordercode** FL01150 (1,5 m), FL013 (3 m), FL016 (6 m), FL0110 (10 m), FL0115 (15 m), FL0120 (20 m).
- DAP Audio X-type data cable XLR/M 3-pin > XLR/F 3-pin. **Ordercode** FLX0175 (0,75 m), FLX01150 (1,5 m), FLX013 (3 m), FLX016 (6 m), FLX0110 (10 m).
- DAP Audio cable for the demanding user with exceptional audio-qualities and connector made by Neutrik®. **Ordercode** FL71150 (1,5 m), FL713 (3 m), FL716 (6 m), FL7110 (10 m).
- DAP Audio cable for the demanding user with exceptional audio-qualities and connector made by Neutrik®. **Ordercode** FL7275 (0,75 m), FL72150 (1,5 m), FL723 (3 m), FL726 (6 m), FL7210 (10 m).
- DAP Audio 110 Ohm cable with digital signal transmission. **Ordercode** FL0975 (0,75 m), FL09150 (1,5 m), FL093 (3 m), FL096 (6 m), FL0910 (10 m), FL0915 (15 m), FL0920 (20 m).

**Control Panel**

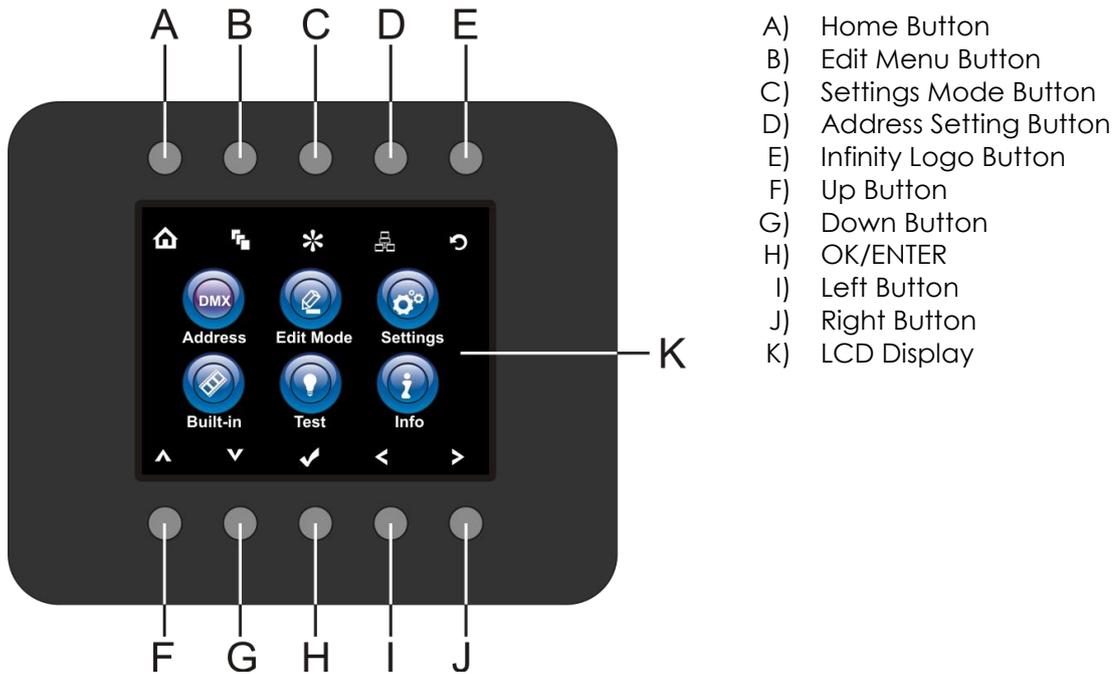


Fig. 05

**Control Mode**

The fixtures are individually addressed on a data-link and connected to the controller. The fixtures respond to the DMX signal from the controller. (When you select the DMX address and save it, the controller will display the saved DMX address the next time.)

**DMX Addressing**

The control panel on the front side of the base allows you to assign the DMX fixture address, which is the first channel from which the Infinity will respond to the controller. Please note when you use the controller, the unit has **49** channels. When using multiple Infinities, make sure you set the DMX addresses right. Therefore, the DMX address of the first Infinity should be **1(001)**; the DMX address of the second Infinity should be **1+49=50 (050)**; the DMX address of the third Infinity should be **50+49=99 (099)**, etc. Please, be sure that you don't have any overlapping channels in order to control each Infinity correctly. If two or more Infinities are addressed similarly, they will work similarly.

**Controlling:**

After having addressed all Infinity fixtures, you may now start operating these via your lighting controller. **Note:** After switching on, the Infinity will automatically detect whether DMX 512 data is received or not. If there is no data received at the DMX-input, the "LED" on the control panel will not flash. The problem may be:

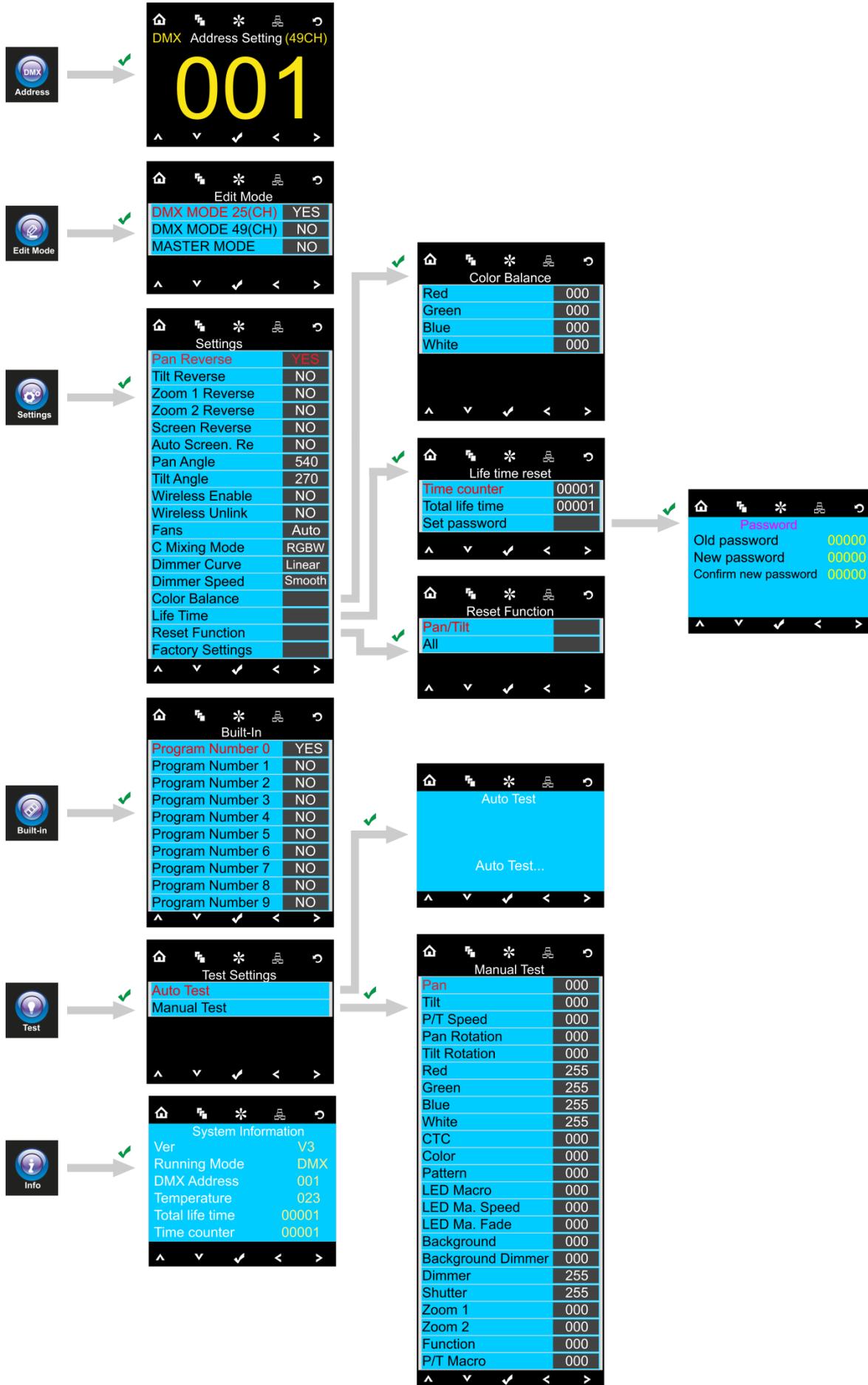
- The XLR cable from the controller is not connected with the input of the Infinity.
- The controller is switched off or defective, the cable or connector is defective, or the signal wires are swapped in the input connector.

**Note:** It's necessary to insert a XLR termination plug (with 120 Ohm) in the last fixture in order to ensure proper transmission on the DMX data link.

**⚠ Display Off after 30 seconds ⚠**

When no button is pressed for 30 seconds, the display will turn off. To light up the display, you have to press one of the menu buttons described above. Once you have pressed the button, the display will light up.

Menu Overview



## Main Menu Options



DMX address



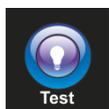
Edit Mode



Settings Menu



Built-in Programs



Test Mode



Info



Home



Up



Edit Menu



Down



Setting Mode



OK



Address Setting



Left



Infinity Logo



Right

### 1. DMX Addressing

With this menu you can set the DMX address.



01) Press the button or press the buttons to select .

02) Press the button to enter the menu.

03) Press the to select and buttons to set the desired DMX channel. The adjustment range is between **001** <sup>Up/Down</sup> **512**.

04) Once you have set the DMX address, press the button to store.

**2. Edit Mode**

With this menu you can set your desired mode.

- 01) Press the  button or press the     buttons to select .
- 02) Press the  button, to confirm. You can choose one of the 3 available modes.
- 03) Press the   buttons to select the required mode:

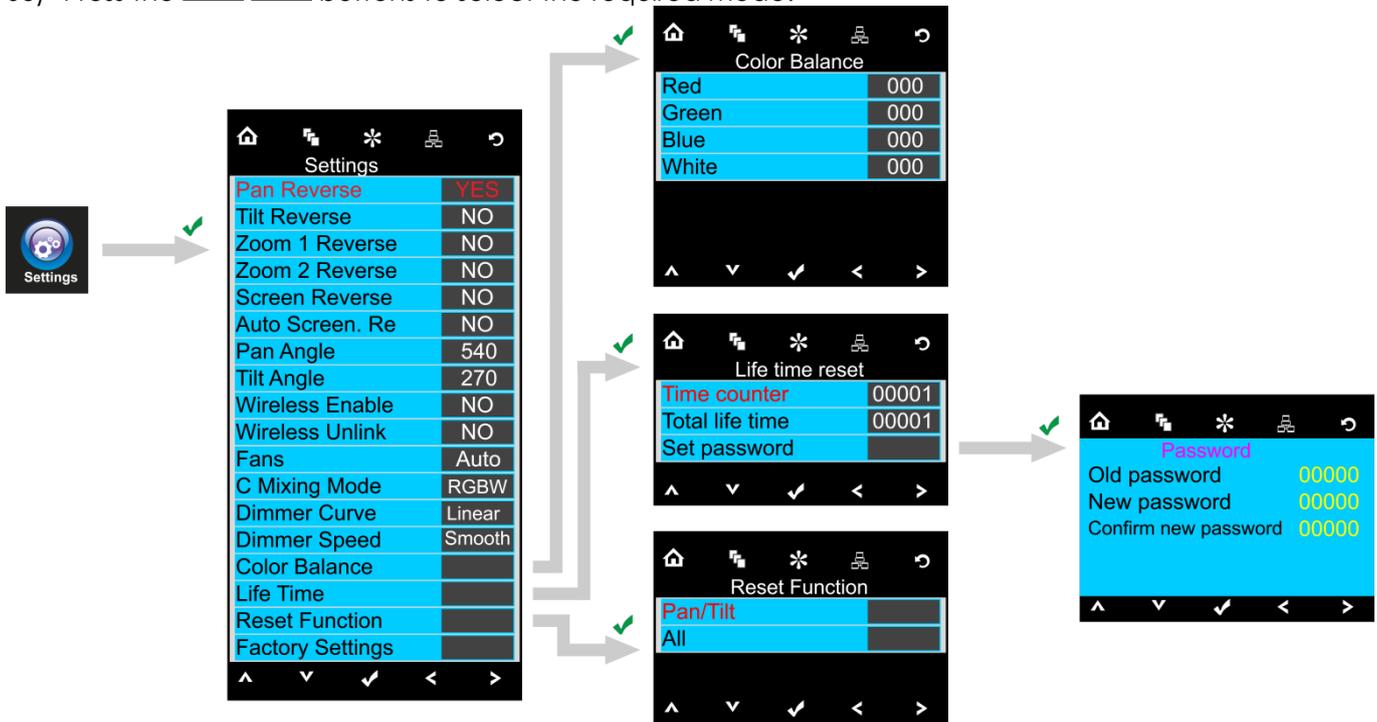
DMX MODE 25(CH)	YES
DMX MODE 49(CH)	NO
MASTER MODE	NO

- 04) Once you have selected the desired mode, press the   buttons to change the value from NO to YES.
- 05) Press the  button to confirm your choice.
- 06) If the device has been set to Master mode, all the connected slave devices will act the same as the master device.
- 07) If the device has been set to slave, it will react the same as its master device.

**3. Settings Menu**

With this menu you can set your desired mode.

- 01) Press the  button or press the     buttons to select .
- 02) Press the  button, to enter the menu. You can choose from 18 different modes.
- 03) Press the   buttons to select the required mode:



- 04) Once you have selected the desired mode, press the  button to proceed to edition.

- 05) Press the   buttons to change the value from NO to YES.
- 06) Some of the available menus have different options to the regular, YES or NO function:
- Pan Angle: 540°, 360°, 180°
  - Tilt Angle: 270°, 180°, 90°
  - Fans: Auto, Silent, Full
  - C Mixing Mode: RGBW, CMY
  - Dimmer Curve: Linear, Square, I-Square, S-Curve
  - Dimmer Speed: Smooth, Fast

### 3.1. Color Balance

With this menu you can set the device's color brightness.

- 01) Press the   buttons to select Color Balance and press the  button to open the menu.
- 02) You can now adjust 4 colors: Red, Green, Blue, White.
- 03) Choose the desired color, press the  button and then press the   buttons to set the value. The adjustment range is between 0-255, from dark to brightest.
- 04) You can combine Red, Green, Blue and White to create an infinite range of colors.

### 3.2. Life Time

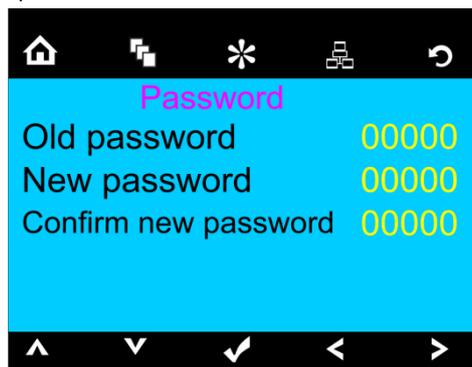
With this menu you can reset the device's counters.

- 01) Press the   buttons to select Life Time and press the  button to open the menu.
- 02) Press the   buttons to choose one of the 3 reset options:
- Time Counter (the time counter will be reset)
  - Total Life Time (the device's operation time counter will be reset)
  - Set Password
- 03) If you select Time Counter or Total Life Time, press the  button to open the selection menu.
- 04) Press the   buttons to choose either YES or NO. Press the  button to confirm.

#### 3.2.1. Set Password

With this menu you can set the new password for the device.

- 01) Press the   buttons to select Set Password and press the  button to open the menu.
- 02) The following screen will pop up:



- 03) Press the   buttons to select the digit which you want to edit.
- 04) Press the   buttons to adjust the values.

### 3.3. Reset

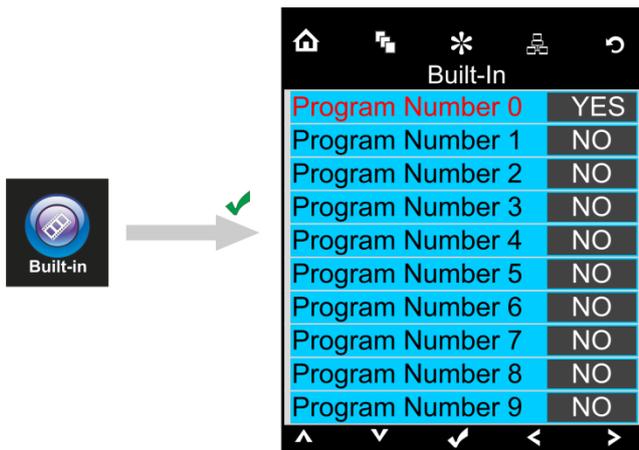
With this menu you can reset the device's settings.

- 01) In Settings menu, press the   buttons to select Reset Function and press the  button to open the menu.
- 02) Press the   buttons to choose one of the 2 options:
  - Pan/Tilt (Pan/Tilt reset)
  - All (complete settings reset)
- 03) Once you have chosen the desired option, press the  button to proceed to edition mode.
- 04) Press the   buttons to choose between YES or NO.
- 05) Press the  button to confirm your choice.

### 4. Built-in Programs

With this menu you can set your desired built-in program.

- 01) Press the  button or press the     buttons to select .
- 02) Press the  button to enter the menu.
- 03) Press the   buttons to select the desired built-in program.



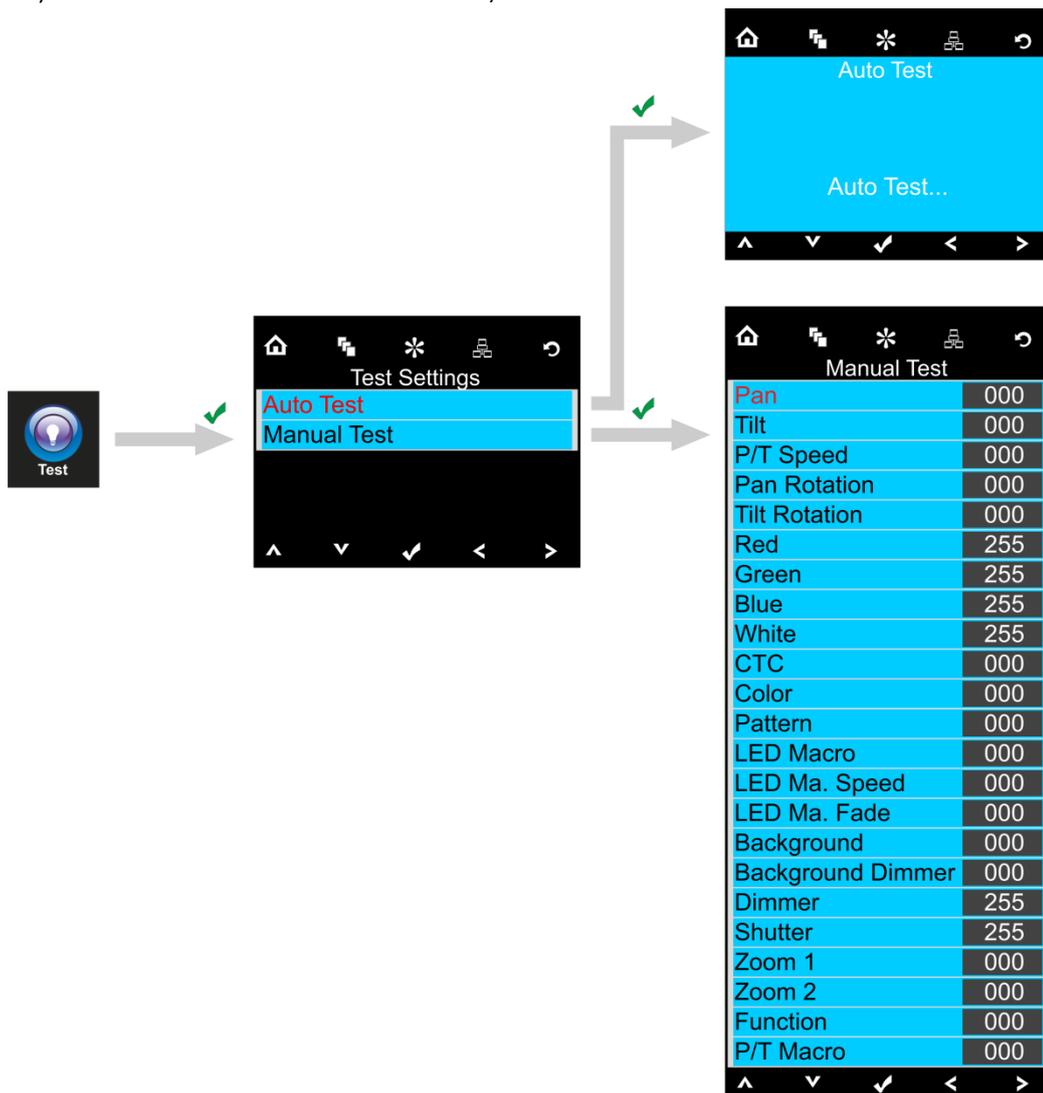
- 04) Press the  button to confirm your choice.
- 05) Press the   buttons to choose either YES or NO and press the  button to activate the desired built-in program.

### 5. Test Menu

With this menu you can test the device's functions.



- 01) Press the  button or press the     buttons to select .
- 02) Press the  button to enter the menu.
- 03) Press the   buttons to choose one of the 2 modes:
  - Auto Test
  - Manual Test
- 04) Press the  button to confirm your choice.

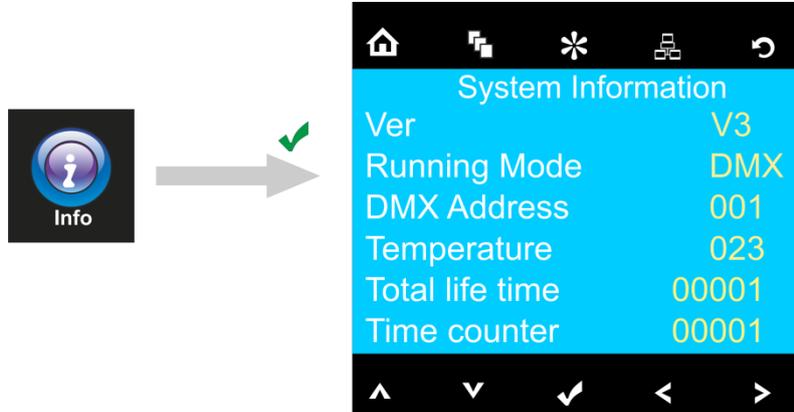


- 05) If you have selected Auto Test mode, the device will automatically test all its functions.
- 06) If you have selected Manual Test mode, press the   buttons to select the desired option.
- 07) Press the   buttons to change the values from 0 to 255.
- 08) Once you have adjusted the desired setting, press the  button to store changes.

**6. System information**

With this menu you can set your desired mode.

- 01) Press the  button or press the     buttons to select .
- 02) Press the  button to enter the menu.
- 03) The following screen will pop up:



- 04) You can now monitor the device's current software version, current active mode, current DMX starting address, current temperature, total operation time counter and time counter.

**DMX Channels**

**25 channels**

**Channel 1 – Horizontal movement (Pan)**

Move the slider up, in order to move head horizontally (PAN).  
 Gradual head adjustment from one end of the slider to the other (0-255, 128-center).  
 The head can be turned by 540° and stopped at any position you wish.

**Channel 2 – Vertical movement (Tilt)**

Move the slider up, in order to move head vertically (TILT).  
 Gradual head adjustment from one end of the slider to the other (0-255, 128-center).  
 The head can be turned by 270° and stopped at any position you wish.

**Channel 3 – Pan fine 16 bit**

**Channel 4 – Tilt fine 16 bit**

**Channel 5 – PAN/TILT Speed**

0-255 From fast to slow

**Channel 6 – Continuous Pan**

0 Not functional  
 1-127 Counterclockwise rotation, from slow to fast  
 128-255 Clockwise rotation, from slow to fast

**Channel 7 – Continuous Tilt**

0 Not functional  
 1-127 Counterclockwise rotation, from slow to fast  
 128-255 Clockwise rotation, from slow to fast

**Channel 8 – Red (Cyan)** ⚠ **Dimmer and shutter must be open** ⚠  
 0-255 Gradual adjustment Red, from dark to brightest

**Channel 9 – Green (Magenta)** ⚠ **Dimmer and shutter must be open** ⚠  
 0-255 Gradual adjustment Green, from dark to brightest

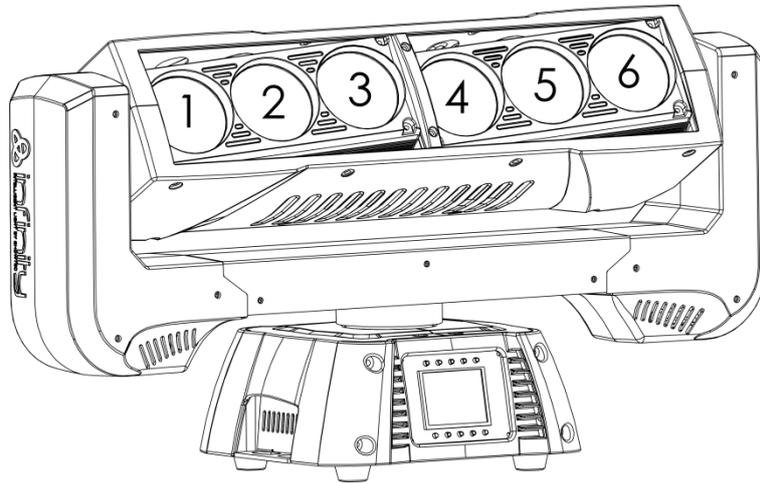
**Channel 10 – Blue (Yellow)** ⚠ **Dimmer and shutter must be open** ⚠  
 0-255 Gradual adjustment Blue, from dark to brightest

**Channel 11 – White** ⚠ **Dimmer and shutter must be open** ⚠  
 0-255 Gradual adjustment White, from dark to brightest

**Channel 12 – Color temperature (CTC)** ⚠ **Dimmer, shutter and CH8-CH11 must be open** ⚠  
 0 Not functional  
 1-255 Color temperature, from 19000K to 2700K

**Channel 13 – Color Macros** ⚠ **Dimmer and shutter must be open** ⚠

0	Not functional
1-2	White 2700K
3-4	White 3200K
5-6	White 4200K
7-8	White 5600K
9-10	White 8000K
11	Blue (R=0, G=0, B=255, W=0)
12-48	R=0, G=0, B=255, W=0
49	Cyan (R=0, G=255, B=255, W=0)
50-86	R=0, G=255, B-, W=0
87	Green (R=0, G=255, B=0, W=0)
88-124	R+, G=255, B=0, W=0
125	Yellow (R=255, G=255, B=0, W=0)
126-162	R=255, G-, B=0, W=0
163	Red (R=255, G=0, B=0, W=0)
164-200	R=255, G=0, B+, W=0
201	Magenta (R=255, G=0, B=255, W=0)
202-238	R-, G=0, B=255, W=0
239	Blue (R=0, G=0, B=255, W=0)
240-247	Color flow, from fast to slow
248-255	Color switch, from fast to slow



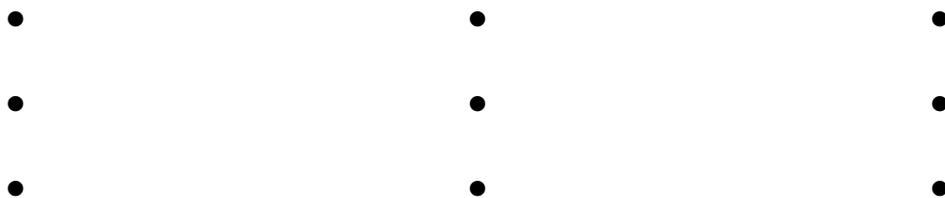
**Channel 14 – LED control** ⚠ **Dimmer and shutter, CH8-CH11 or CH13 must be open** ⚠

0-9	Not functional
10-13	LED 1 ON
14-17	LED 2 ON
18-21	LED 3 ON
22-25	LED 4 ON
26-29	LED 5 ON
30-33	LED 6 ON
34-37	All LEDs OFF
38-41	LEDs 1, 2 ON
42-45	LEDs 2, 3 ON
46-49	LEDs 3, 4 ON
50-53	LEDs 4, 5 ON
54-57	LEDs 5, 6 ON
58-61	LEDs 1, 6 ON
62-65	LEDs 1, 3 ON
66-69	LEDs 2, 4 ON
70-73	LEDs 3, 5 ON
74-77	LEDs 4, 6 ON
78-81	LEDs 1, 5 ON
82-85	LEDs 2, 6 ON
86-89	LEDs 1, 4 ON
90-93	LEDs 2, 5 ON
94-97	LEDs 3, 6 ON
98-101	LEDs 1, 2, 3 ON
102-105	LEDs 2, 3, 4 ON
106-109	LEDs 3, 4, 5 ON
110-113	LEDs 4, 5, 6 ON
114-117	LEDs 1, 5, 6 ON
118-121	LEDs 1, 2, 6 ON
122-125	LEDs 1, 3, 5 ON
126-129	LEDs 2, 4, 6 ON
130-133	LEDs 1, 2, 3, 4 ON
134-137	LEDs 2, 3, 4, 5 ON
138-141	LEDs 3, 4, 5, 6 ON
142-145	LEDs 1, 4, 5, 6 ON
146-149	LEDs 1, 2, 5, 6 ON
150-153	LEDs 1, 2, 3, 6 ON
154-157	LEDs 1, 2, 4, 5 ON
158-161	LEDs 2, 3, 5, 6 ON
162-165	LEDs 1, 3, 4, 6 ON

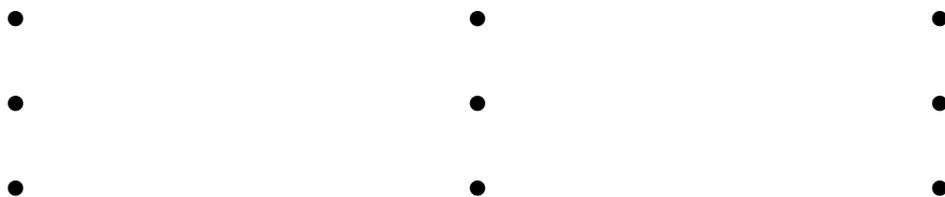
166-169	LEDs 1, 2, 3, 5 ON
170-173	LEDs 2, 3, 4, 6 ON
174-177	LEDs 1, 3, 4, 5 ON
178-181	LEDs 2, 4, 5, 6 ON
182-185	LEDs 1, 3, 5, 6 ON
186-189	LEDs 1, 2, 4, 6 ON
190-193	LEDs 1, 2, 4, 5 ON
194-197	LEDs 2, 3, 5, 6 ON
198-201	LEDs 1, 3, 4, 6 ON
202-205	LEDs 1, 2, 3, 4, 5 ON
206-209	LEDs 2, 3, 4, 5, 6 ON
210-213	LEDs 1, 3, 4, 5, 6 ON
214-217	LEDs 1, 2, 4, 5, 6 ON
218-221	LEDs 1, 2, 3, 5, 6 ON
222-225	LEDs 1, 2, 3, 4, 6 ON
226-255	All LEDs ON

**Channel 15 – LED built-in programs**  **Dimmer and shutter, CH8-CH11 must be open** 

0-15	Not functional
16-17	Built-in program 1 (LED Macro)
18-19	Built-in program 2 (LED Macro)
20-21	Built-in program 3 (LED Macro)
22-23	Built-in program 4 (LED Macro)
24-25	Built-in program 5 (LED Macro)



82-83	Built-in program 34 (LED Macro)
84-85	Built-in program 35 (LED Macro)
86-135	Built-in program 36 (main LED Macro)
136-137	Built-in program 37 (LED Macro)
138-139	Built-in program 38 (LED Macro)
140-141	Built-in program 39 (LED Macro)



202-203	Built-in program 70 (LED Macro)
204-205	Built-in program 71 (LED Macro)
206-255	Built-in program 72 (main LED Macro)

**Channel 16 – LED built-in program speed**  **CH15 must be set between 16-255** 

0	Stop
1-127	From left to right, from fast to slow
128-255	From right to left, from slow to fast

**Channel 17 – LED fade speed** ⚠️ **CH15 must be set between 16-255** ⚠️

0-255 From fast to slow

**Channel 18 – Background Color Macros** ⚠️ **CH19 must be open and shutter must be open** ⚠️

0	Not functional
1-2	White 2700K
3-4	White 3200K
5-6	White 4200K
7-8	White 5600K
9-10	White 8000K
11	Blue (R=0, G=0, B=255, W=0)
12-48	R=0, G=0, B=255, W=0
49	Cyan (R=0, G=255, B=255, W=0)
50-86	R=0, G=255, B=, W=0
87	Green (R=0, G=255, B=0, W=0)
88-124	R+, G=255, B=0, W=0
125	Yellow (R=255, G=255, B=0, W=0)
126-162	R=255, G-, B=0, W=0
163	Red (R=255, G=0, B=0, W=0)
164-200	R=255, G=0, B+, W=0
201	Magenta (R=255, G=0, B=255, W=0)
202-238	R-, G=0, B=255, W=0
239	Blue (R=0, G=0, B=255, W=0)
240-247	Color flow, from fast to slow
248-255	Color switch, from fast to slow

**Channel 19 – Background color dimmer** ⚠️ **CH16 and CH18 must be open, CH15 must be set between 16-255** ⚠️

0-255 Dimmer intensity, from OFF to full ON

**Channel 20 – Master dimmer**

0-255 Dimmer intensity, from dark to brightest

**Channel 21 – Shutter / Strobe** ⚠️ **Dimmer, CH8-CH11 or CH13 must be open** ⚠️

0-19	Close
20-24	Shutter open
25-64	Strobe effect 1, from fast to slow
65-69	Shutter open
70-84	Strobe effect 2 (fast on and slow off), from fast to slow
85-89	Shutter open
90-104	Strobe effect 3 (slow on and fast off), from fast to slow
105-109	Shutter open
110-124	Strobe effect 4 (random strobe), from fast to slow
125-129	Shutter open
130-144	Strobe effect 5 (random strobe fast on and slow off), from fast to slow
145-149	Shutter open
150-164	Strobe effect 6 (random strobe slow on and fast off), from fast to slow
165-169	Shutter open
170-184	Strobe effect 7 (pulse strobe), from fast to slow
185-189	Shutter open
190-204	Strobe effect 8 (random pulse frequency strobe), from fast to slow
205-209	Shutter open
210-224	Strobe effect 9 (strobe light, gradually destroy), from fast to slow
225-229	Shutter open
230-244	Strobe effect 10 (pulse strobe), from fast to slow
245-255	Shutter open

**Channel 22 – Head 1 Pan**

0-255 Gradual head 1 pan, between 0-28°

**Channel 23 – Head 2 Pan**

0-255 Gradual head 2 pan, between 0-28°

**Channel 24 – Functions**

0-9	Not functional
10-14	Not functional
15-19	Not functional
20-24	RGBW color mixing, after 5 seconds
25-29	CMY color mixing, after 5 seconds
30-34	Not functional
35-39	Not functional
40-44	Not functional
45-49	Not functional
50-54	Pan reset, after 5 seconds
55-59	Tilt reset, after 5 seconds
60-64	Head 1, 2 pan reset, after 5 seconds
65-69	Not functional
70-74	All reset, after 5 seconds
75-119	Not functional
120-124	Fans: silent
125-129	Fans: full
130-134	Fans: auto
135-139	Fast dimmer, after 5 seconds
140-144	Slow dimmer, after 5 seconds
145-255	Not functional

**Channel 25 – Moving head built-in programs**

0-7	Not functional
8-23	Built-in program 1
24-39	Built-in program 2
40-55	Built-in program 3
56-71	Built-in program 4
72-87	Built-in program 5
88-103	Built-in program 6
104-119	Built-in program 7
120-135	Built-in program 8
136-151	Built-in program 9
152-167	Built-in program 10
168-183	Built-in program 11
184-199	Built-in program 12
200-215	Built-in program 13
216-231	Built-in program 14
232-247	Built-in program 15
248-255	Built-in program 16

**49 channels**

**Channel 1 – Horizontal movement (Pan)**

Move the slider up, in order to move head horizontally (PAN).  
 Gradual head adjustment from one end of the slider to the other (0-255, 128-center).  
 The head can be turned by 540° and stopped at any position you wish.

**Channel 2 – Vertical movement (Tilt)**

Move the slider up, in order to move head vertically (TILT).  
 Gradual head adjustment from one end of the slider to the other (0-255, 128-center).  
 The head can be turned by 270° and stopped at any position you wish.

**Channel 3 – Pan fine 16 bit**

**Channel 4 – Tilt fine 16 bit**

**Channel 5 – PAN/TILT Speed**

0-255 From fast to slow

**Channel 6 – Continuous Pan**

0 Not functional  
 1-127 Counterclockwise rotation, from slow to fast  
 128-255 Clockwise rotation, from slow to fast

**Channel 7 – Continuous Tilt**

0 Not functional  
 1-127 Counterclockwise rotation, from slow to fast  
 128-255 Clockwise rotation, from slow to fast

**Channel 8 – Red (Cyan)  Dimmer and shutter must be open **

0-255 Gradual adjustment Red, from dark to brightest

**Channel 9 – Green (Magenta)  Dimmer and shutter must be open **

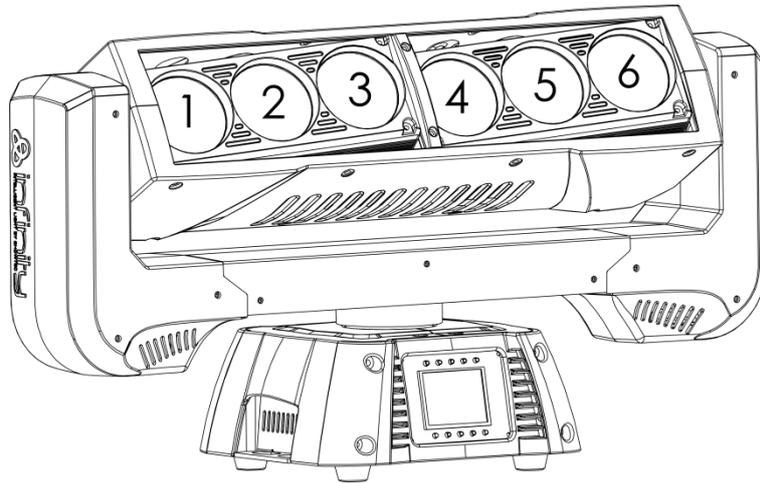
0-255 Gradual adjustment Green, from dark to brightest

**Channel 10 – Blue (Yellow)  Dimmer and shutter must be open **

0-255 Gradual adjustment Blue, from dark to brightest

**Channel 11 – White  Dimmer and shutter must be open **

0-255 Gradual adjustment White, from dark to brightest

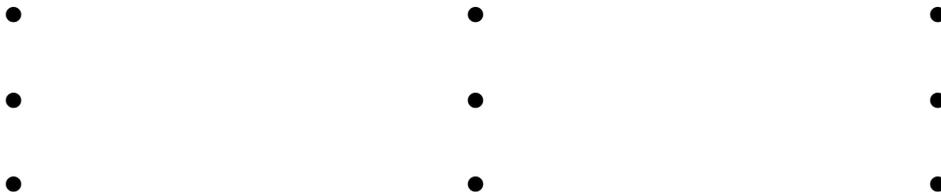


**Channel 12 – Red (Cyan) LED 1** ⚠ **Dimmer and shutter must be open** ⚠  
 0-255 Gradual adjustment Red, from dark to brightest

**Channel 13 – Green (Magenta) LED 1** ⚠ **Dimmer and shutter must be open** ⚠  
 0-255 Gradual adjustment Green, from dark to brightest

**Channel 14 – Blue (Yellow) LED 1** ⚠ **Dimmer and shutter must be open** ⚠  
 0-255 Gradual adjustment Blue, from dark to brightest

**Channel 15 – White LED 1** ⚠ **Dimmer and shutter must be open** ⚠  
 0-255 Gradual adjustment White, from dark to brightest



**Channel 32 – Red (Cyan) LED 6** ⚠ **Dimmer and shutter must be open** ⚠  
 0-255 Gradual adjustment Red, from dark to brightest

**Channel 33 – Green (Magenta) LED 6** ⚠ **Dimmer and shutter must be open** ⚠  
 0-255 Gradual adjustment Green, from dark to brightest

**Channel 34 – Blue (Yellow) LED 6** ⚠ **Dimmer and shutter must be open** ⚠  
 0-255 Gradual adjustment Blue, from dark to brightest

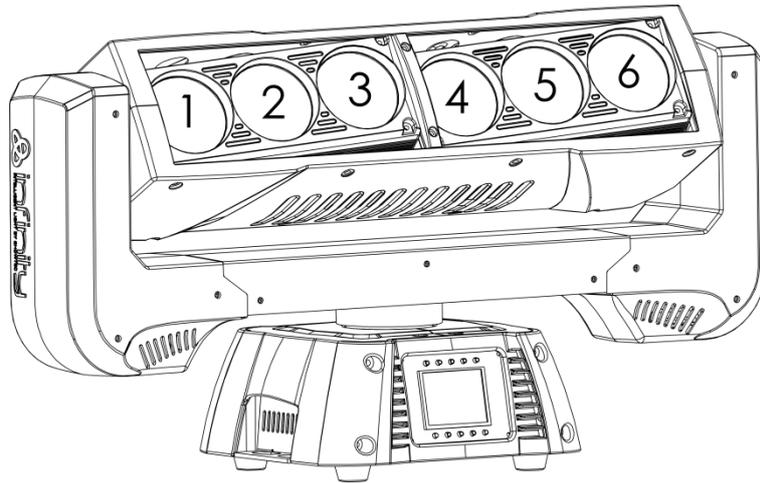
**Channel 35 – White LED 6** ⚠ **Dimmer and shutter must be open** ⚠  
 0-255 Gradual adjustment White, from dark to brightest

**Channel 36 – Color temperature (CTC) ⚠ Dimmer, shutter and CH8-CH35 must be open ⚠**

0	Not functional
1-255	Color temperature, from 19000K to 2700K

**Channel 37 – Color Macros ⚠ Dimmer and shutter must be open ⚠**

0	Not functional
1-2	White 2700K
3-4	White 3200K
5-6	White 4200K
7-8	White 5600K
9-10	White 8000K
11	Blue (R=0, G=0, B=255, W=0)
12-48	R=0, G=0, B=255, W=0
49	Cyan (R=0, G=255, B=255, W=0)
50-86	R=0, G=255, B-, W=0
87	Green (R=0, G=255, B=0, W=0)
88-124	R+, G=255, B=0, W=0
125	Yellow (R=255, G=255, B=0, W=0)
126-162	R=255, G-, B=0, W=0
163	Red (R=255, G=0, B=0, W=0)
164-200	R=255, G=0, B+, W=0
201	Magenta (R=255, G=0, B=255, W=0)
202-238	R-, G=0, B=255, W=0
239	Blue (R=0, G=0, B=255, W=0)
240-247	Color flow, from fast to slow
248-255	Color switch, from fast to slow



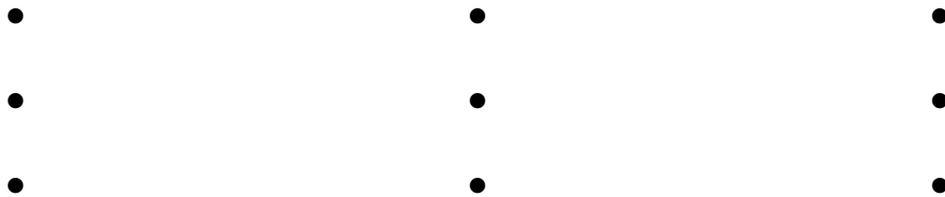
**Channel 38 – LED control** ⚠ **Dimmer and shutter, CH8-CH35 or CH37 must be open** ⚠

0-9	Not functional
10-13	LED 1 ON
14-17	LED 2 ON
18-21	LED 3 ON
22-25	LED 4 ON
26-29	LED 5 ON
30-33	LED 6 ON
34-37	All LEDs OFF
38-41	LEDs 1, 2 ON
42-45	LEDs 2, 3 ON
46-49	LEDs 3, 4 ON
50-53	LEDs 4, 5 ON
54-57	LEDs 5, 6 ON
58-61	LEDs 1, 6 ON
62-65	LEDs 1, 3 ON
66-69	LEDs 2, 4 ON
70-73	LEDs 3, 5 ON
74-77	LEDs 4, 6 ON
78-81	LEDs 1, 5 ON
82-85	LEDs 2, 6 ON
86-89	LEDs 1, 4 ON
90-93	LEDs 2, 5 ON
94-97	LEDs 3, 6 ON
98-101	LEDs 1, 2, 3 ON
102-105	LEDs 2, 3, 4 ON
106-109	LEDs 3, 4, 5 ON
110-113	LEDs 4, 5, 6 ON
114-117	LEDs 1, 5, 6 ON
118-121	LEDs 1, 2, 6 ON
122-125	LEDs 1, 3, 5 ON
126-129	LEDs 2, 4, 6 ON
130-133	LEDs 1, 2, 3, 4 ON
134-137	LEDs 2, 3, 4, 5 ON
138-141	LEDs 3, 4, 5, 6 ON
142-145	LEDs 1, 4, 5, 6 ON
146-149	LEDs 1, 2, 5, 6 ON
150-153	LEDs 1, 2, 3, 6 ON
154-157	LEDs 1, 2, 4, 5 ON
158-161	LEDs 2, 3, 5, 6 ON
162-165	LEDs 1, 3, 4, 6 ON

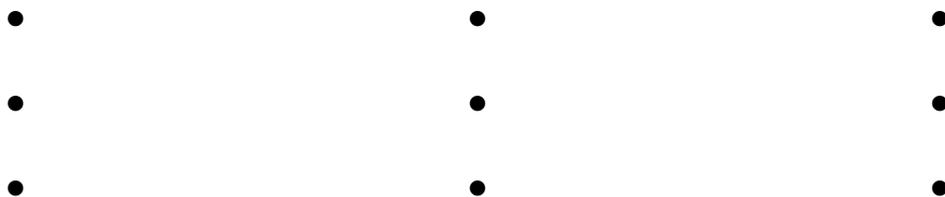
166-169	LEDs 1, 2, 3, 5 ON
170-173	LEDs 2, 3, 4, 6 ON
174-177	LEDs 1, 3, 4, 5 ON
178-181	LEDs 2, 4, 5, 6 ON
182-185	LEDs 1, 3, 5, 6 ON
186-189	LEDs 1, 2, 4, 6 ON
190-193	LEDs 1, 2, 4, 5 ON
194-197	LEDs 2, 3, 5, 6 ON
198-201	LEDs 1, 3, 4, 6 ON
202-205	LEDs 1, 2, 3, 4, 5 ON
206-209	LEDs 2, 3, 4, 5, 6 ON
210-213	LEDs 1, 3, 4, 5, 6 ON
214-217	LEDs 1, 2, 4, 5, 6 ON
218-221	LEDs 1, 2, 3, 5, 6 ON
222-225	LEDs 1, 2, 3, 4, 6 ON
226-255	All LEDs ON

**Channel 39 – LED built-in programs**  **Dimmer and shutter, CH8-CH35 must be open** 

0-15	Not functional
16-17	Built-in program 1 (LED Macro)
18-19	Built-in program 2 (LED Macro)
20-21	Built-in program 3 (LED Macro)
22-23	Built-in program 4 (LED Macro)
24-25	Built-in program 5 (LED Macro)



82-83	Built-in program 34 (LED Macro)
84-85	Built-in program 35 (LED Macro)
86-135	Built-in program 36 (main LED Macro)
136-137	Built-in program 37 (LED Macro)
138-139	Built-in program 38 (LED Macro)
140-141	Built-in program 39 (LED Macro)



202-203	Built-in program 70 (LED Macro)
204-205	Built-in program 71 (LED Macro)
206-255	Built-in program 72 (main LED Macro)

**Channel 40 – LED built-in program speed**  **CH39 must be set between 16-255** 

0	Stop
1-127	From left to right, from fast to slow
128-255	From right to left, from slow to fast

**Channel 41 – LED fade speed** ⚠️ **CH39 must be set between 16-255** ⚠️  
 0-255 From fast to slow

**Channel 42 – Background Color Macros** ⚠️ **CH43 must be open and shutter must be open** ⚠️

0	Not functional
1-2	White 2700K
3-4	White 3200K
5-6	White 4200K
7-8	White 5600K
9-10	White 8000K
11	Blue (R=0, G=0, B=255, W=0)
12-48	R=0, G=0, B=255, W=0
49	Cyan (R=0, G=255, B=255, W=0)
50-86	R=0, G=255, B=, W=0
87	Green (R=0, G=255, B=0, W=0)
88-124	R+, G=255, B=0, W=0
125	Yellow (R=255, G=255, B=0, W=0)
126-162	R=255, G-, B=0, W=0
163	Red (R=255, G=0, B=0, W=0)
164-200	R=255, G=0, B+, W=0
201	Magenta (R=255, G=0, B=255, W=0)
202-238	R-, G=0, B=255, W=0
239	Blue (R=0, G=0, B=255, W=0)
240-247	Color flow, from fast to slow
248-255	Color switch, from fast to slow

**Channel 43 – Background color dimmer** ⚠️ **CH40 and CH42 must be open, CH39 must be set between 16-255** ⚠️  
 0-255 Dimmer intensity, from OFF to full ON

**Channel 44 – Master dimmer**  
 0-255 Dimmer intensity, from dark to brightest

**Channel 45 – Shutter / Strobe** ⚠️ **Dimmer, CH8-CH35 or CH37 must be open** ⚠️

0-19	Close
20-24	Shutter open
25-64	Strobe effect 1, from fast to slow
65-69	Shutter open
70-84	Strobe effect 2 (fast on and slow off), from fast to slow
85-89	Shutter open
90-104	Strobe effect 3 (slow on and fast off), from fast to slow
105-109	Shutter open
110-124	Strobe effect 4 (random strobe), from fast to slow
125-129	Shutter open
130-144	Strobe effect 5 (random strobe fast on and slow off), from fast to slow
145-149	Shutter open
150-164	Strobe effect 6 (random strobe slow on and fast off), from fast to slow
165-169	Shutter open
170-184	Strobe effect 7 (pulse strobe), from fast to slow
185-189	Shutter open
190-204	Strobe effect 8 (random pulse frequency strobe), from fast to slow
205-209	Shutter open
210-224	Strobe effect 9 (strobe light, gradually destroy), from fast to slow
225-229	Shutter open
230-244	Strobe effect 10 (pulse strobe), from fast to slow
245-255	Shutter open

**Channel 46 – Head 1 Pan**

0-255 Gradual head 1 pan, between 0-28°

**Channel 47 – Head 2 Pan**

0-255 Gradual head 2 pan, between 0-28°

**Channel 48 – Functions**

0-9	Not functional
10-14	Not functional
15-19	Not functional
20-24	RGBW color mixing, after 5 seconds
25-29	CMY color mixing, after 5 seconds
30-34	Not functional
35-39	Not functional
40-44	Not functional
45-49	Not functional
50-54	Pan reset, after 5 seconds
55-59	Tilt reset, after 5 seconds
60-64	Head 1, 2 pan reset, after 5 seconds
65-69	Not functional
70-74	All reset, after 5 seconds
75-119	Not functional
120-124	Fans: silent
125-129	Fans: full
130-134	Fans: auto
135-139	Fast dimmer, after 5 seconds
140-144	Slow dimmer, after 5 seconds
145-255	Not functional

**Channel 49 – Moving head built-in programs**

0-7	Not functional
8-23	Built-in program 1
24-39	Built-in program 2
40-55	Built-in program 3
56-71	Built-in program 4
72-87	Built-in program 5
88-103	Built-in program 6
104-119	Built-in program 7
120-135	Built-in program 8
136-151	Built-in program 9
152-167	Built-in program 10
168-183	Built-in program 11
184-199	Built-in program 12
200-215	Built-in program 13
216-231	Built-in program 14
232-247	Built-in program 15
248-255	Built-in program 16

## Maintenance

---

The operator has to make sure that safety-related and machine-technical installations are to be inspected by an expert after every year in the course of an acceptance test.

The operator has to make sure that safety-related and machine-technical installations are to be inspected by a skilled person once a year.

The following points have to be considered during the inspection:

- 01) All screws used for installing the device or parts of the device have to be tightly connected and must not be corroded.
- 02) There may not be any deformations on housings, fixations and installation spots.
- 03) Mechanically moving parts like axles, eyes and others may not show any traces of wearing.
- 04) The electric power supply cables must not show any damages or material fatigue.

The iFX-615 requires almost no maintenance. However, you should keep the unit clean.

Otherwise, the fixture's light output will be significantly reduced. Disconnect the mains power supply, and then wipe the cover with a damp cloth. Do not immerse in liquid. Wipe lens clean with glass cleaner and a soft cloth. Do not use alcohol or solvents.

The front lens will require weekly cleaning, as smoke-fluid tends to build up residues, reducing the light-output very quickly.

The cooling fans should be cleaned monthly, with a soft brush.

Please clean internal components once a year with a light brush and vacuum cleaner.

Keep connections clean. Disconnect electric power, and then wipe the DMX connections with a damp cloth. Make sure connections are thoroughly dry before linking equipment or supplying electric power.

## Replacing the Fuse

Power surges, short-circuit or inappropriate electrical power supply may cause a fuse to burn out. If the fuse burns out, the product will not function whatsoever. If this happens, follow the directions below:

- 01) Unplug the unit from electric power source.
- 02) Insert a flat-head screwdriver into a slot in the fuse cover. Turn the screwdriver to the left, at the same time gently push a bit (Turn and Push). The fuse will come out.
- 03) Remove the used fuse. If brown or unclear, it is burned out.
- 04) Insert the replacement fuse into the holder where the old fuse was. Reinsert the fuse cover. Be sure to use a fuse of the same type and specification. See the product specification label for details.

## Troubleshooting

---

This troubleshooting guide is meant to help solve simple problems.

If a problem occurs, carry out the steps below in sequence until a solution is found. Once the unit operates properly, do not carry out following steps.

### No Light

If the light effect does not operate properly, refer servicing to a technician.

Suspect three potential problem areas as: the power supply, the LEDs, the fuse.

- 01) Power supply. Check if the unit is plugged into an appropriate power supply.
- 02) The LEDs. Return the Infinity to your Infinity dealer.
- 03) The fuse. Replace the fuse. See page 32 for replacing the fuse.
- 04) If all of the above appears to be O.K., plug the unit in again.
- 05) If you are unable to determine the cause of the problem, do not open the Infinity, as this may damage the unit and the warranty will become void.
- 06) Return the device to your Infinity dealer.

### No Response to DMX

Suspect the DMX cable or connectors, a controller malfunction, a light effect DMX card malfunction.

- 01) Check the DMX setting. Make sure that DMX addresses are correct.
- 02) Check the DMX cable: Unplug the unit; change the DMX cable; then reconnect to electrical power. Try your DMX control again.
- 03) Determine whether the controller or light effect is at fault. Does the controller operate properly with other DMX products? If not, take the controller in for repair. If so, take the DMX cable and the light effect to a qualified technician.

Problem	Probable cause(s)	Solution
One or more fixtures do not function at all	No power to the fixture	<ul style="list-style-type: none"> <li>Check if power is switched on and cables are plugged in</li> </ul>
	Primary fuse blown	<ul style="list-style-type: none"> <li>Replace fuse</li> </ul>
Fixtures reset correctly, but all respond erratically or not at all to the controller	The controller is not connected.	<ul style="list-style-type: none"> <li>Connect controller.</li> </ul>
	3-pin XLR Out of the controller does not match XLR Out of the first fixture on the link (i.e. signal is reversed)	<ul style="list-style-type: none"> <li>Install a phase reversing cable between the controller and the first fixture on the link</li> </ul>
Fixtures reset correctly, but some respond erratically or not at all to the controller	Poor data quality	<ul style="list-style-type: none"> <li>Check data quality. If much lower than 100 percent, the problem may be a bad data link connection, poor quality or broken cables, missing termination plug, or a defective fixture disturbing the link</li> </ul>
	Bad data link connection	<ul style="list-style-type: none"> <li>Inspect connections and cables. Correct poor connections. Repair or replace damaged cables</li> </ul>
	Data link not terminated with 120 Ohm termination plug	<ul style="list-style-type: none"> <li>Insert termination plug in output jack of the last fixture on the link</li> </ul>
	Incorrect addressing of the fixtures	<ul style="list-style-type: none"> <li>Check address setting</li> </ul>
	One of the fixtures is defective and disturbs data transmission on the link	<ul style="list-style-type: none"> <li>Bypass one fixture at a time until normal operation is restored: unplug both connectors and connect them directly together.</li> <li>Have the defective fixture serviced by a qualified technician</li> </ul>
	3-pin XLR Out on the fixtures does not match (pins 2 and 3 reversed)	<ul style="list-style-type: none"> <li>Install a phase-reversing cable between the fixtures or swap pin 2 and 3 in the fixture that behaves erratically</li> </ul>
No light or LEDs cut out intermittently	Fixture is too hot	<ul style="list-style-type: none"> <li>Allow the fixture to cool down</li> <li>Clean the fan</li> <li>Make sure air vents in control panel and the front lens are not blocked</li> <li>Turn up the air conditioning</li> </ul>
	LEDs damaged	<ul style="list-style-type: none"> <li>Disconnect the fixture and return it to your dealer</li> </ul>
	The power supply settings do not match local AC voltage and frequency	<ul style="list-style-type: none"> <li>Disconnect fixture. Check settings and correct if necessary</li> </ul>

## Product Specifications

Model:	Infinity iFX-615
Input voltage:	100-240V AC, 60/50Hz
Power consumption:	160W
DMX linking:	30pcs
Fuse:	F4AL/250V
Dimensions:	590 x 200 x 320 mm (LxWxH)
Weight:	10,7 kg
<b>Operating and Programming:</b>	
Signal pin OUT:	Pin 1 (earth), pin 2 (-), pin 3 (+)
DMX mode:	25, 49 channels
Signal input:	3-pin XLR IN
Signal output:	3-pin XLR OUT
<b>Electro-mechanical effects:</b>	
Light source:	6 x 15W RGBW 4-in-1 Osram Ostar
Light output:	440 lumen per pixel
Color mixing:	RGBW, CMY
Beam angle:	4,5°
Y-axis control:	-15°/+15°
Dimmer:	0-100%
Strobe:	0-20Hz
Pan:	540°
Tilt:	270°
Special:	Continuous Pan/Tilt
Dimming curves:	Linear, Square, I-Square, S-curve
Housing:	Metal & flame retardant plastic
IP rating:	IP20
DMX control:	via standard DMX-controller
Onboard:	LCD display with gravity sensor
Control:	Stand-alone, Master/Slave, DMX-512
Connections:	PowerCON IN/OUT & Data connector
Max. ambient temperature $t_a$ :	40°C
Max. housing temperature $t_B$ :	80°C
<b>Minimum distance:</b>	
Minimum distance from flammable surfaces:	0,5 m
Minimum distance to lighted object:	1 m

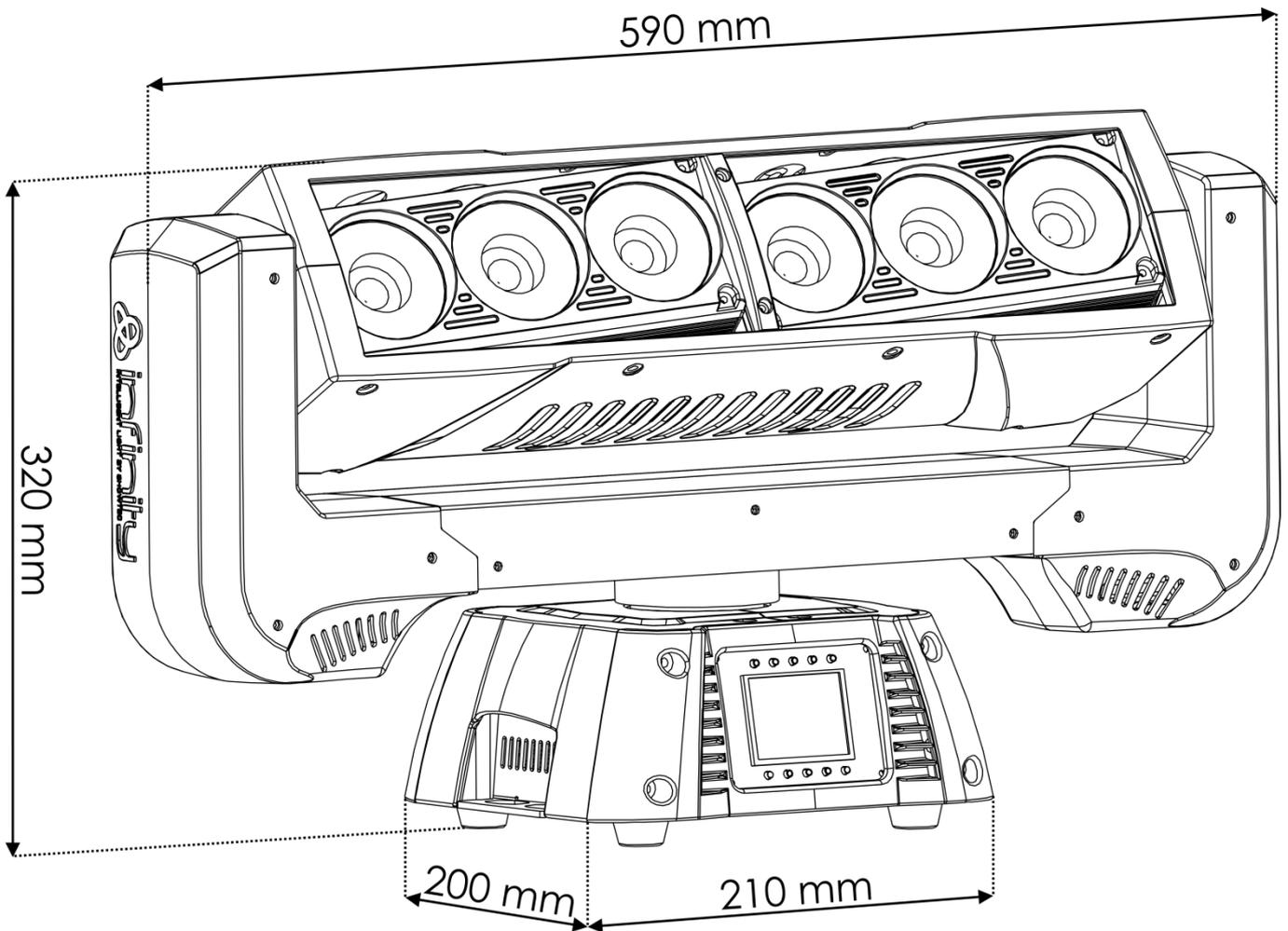
Design and product specifications are subject to change without prior notice.



Website: [www.highlite.nl](http://www.highlite.nl)

Email: [service@highlite.nl](mailto:service@highlite.nl)

## Dimensions











©2016 Infinity