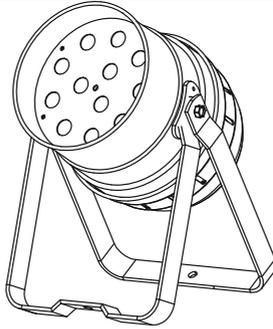
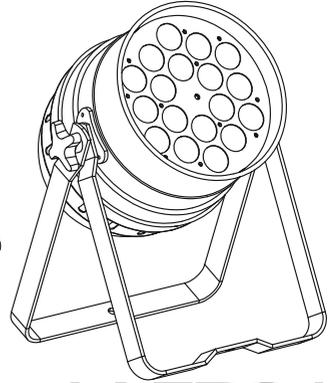


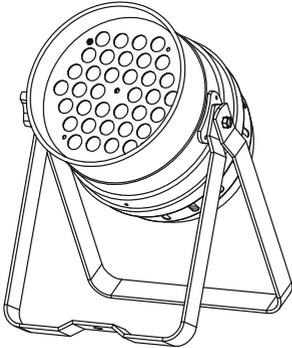
irLED56
24x1RGBss
24x1RGBsb



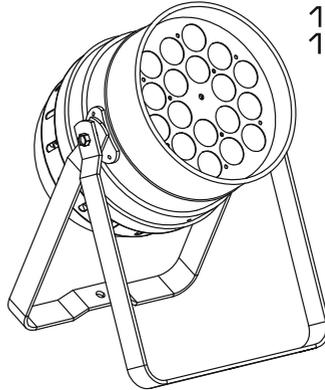
irLED56
12x3TCss
12x3TCsb



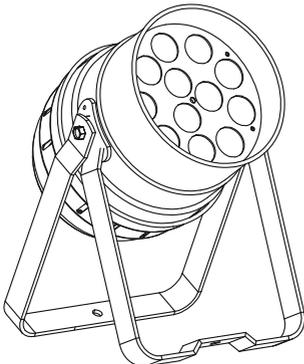
irLED64
18x3TCss
18x3TCsb



irLED64
36x1RGBss
36x1RGBsb



irLED64
18x5TCss
18x5TCsb



irLED64
12x3TCsb 25°
12x3TCss 25°

1 - Safety information

Important safety information



This unit is intended for indoor use only. Do not use it in a wet, or extremely cold/hot locations. Failure to follow these safety instructions could result in fire, electric shock, injury, or damage to this product or other property.



This product contains non-isolated electrical components. Do not undertake any maintenance operation when it is switched on as it may result in electric shock.



Any maintenance procedure must be performed by a CONTEST authorised technical service. Basic cleaning operations must thoroughly follow our safety instructions.



CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN



WARNING : This unit contains no user-serviceable parts. Do not open the housing or attempt any maintenance by yourself. In the unlikely even your unit may require service, please contact your nearest dealer. In order to avoid any electrical malfunction, please do not use any multi-socket, power cord extension or connecting system without making sure they are perfectly isolated and present no defect.



Warning

This product is equipped with Class 2 LEDs. Please avoid looking directly at the beam as it may cause severe eye injuries.



Risk of electrocution

To prevent the hazard of electric shocks, do not use extension cords, multi-socket or any other connection system without making sure metal parts completely are out of reach.



Recycling your device

- As HITMUSIC is really involved in the environmental cause, we only commercialise clean, ROHS compliant products.
- When this product reaches its end of life, take it to a collection point designated by local authorities. The separate collection and recycling of your product at the time of disposal will help conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment.

Symbols used



This symbol signals an important safety precaution.



The CAUTION symbol signals a risk of product deterioration.



The WARNING symbol signals a risk to the user's physical integrity. The product may also be damaged.



Note : The legislation requires that every device set up in a public space features a double fixation bracket. This security system must hold 10 times the weight of the device.

Instructions and recommendations

1 - Please read carefully :

We strongly recommend to read carefully and understand the safety instructions before attempting to operate this unit.

2 - Please keep this manual :

We strongly recommend to keep this manual with the unit for future reference.

3 - Operate carefully this product :

We strongly recommend to take into consideration every safety instruction.

4 - Follow the instructions:

Please carefully follow each safety instruction to avoid any physical harm or property damage.

5 - Avoid water and wet locations :

Do not use this product in rain, or near washbasins or other wet locations.

6 - Installation :



We strongly encourage you to only use a fixation system or support recommended by the manufacturer or supplied with this product. Carefully follow the installation instructions and use the adequate tools.

Always ensure this unit is firmly fixed to avoid vibration and slipping while operating as it may result in physical injury.

7 - Ceiling or wall installation :

Please contact your local dealer before attempting any ceiling or wall installation.

8 - Ventilation :

The cooling vents ensure a safe use of this product, and avoid any overheating risk.

Do not obstruct or cover these vents as it may result in overheating and potential physical injury or product damage. This product should never be operated in a closed non-ventilated area such as a flight case or a rack, unless cooling vents are provided for the purpose .

9 - Heat exposure :

Sustained contact or proximity with warm surfaces may cause overheating and product damages. Please keep this product away from any heat source such as a heaters, amplifiers, hot plates, etc...

10 - Electric power supply :



This product can only be operated according to a very specific voltage. These information are specified on the label located at the rear of the product.

11 - Power cords protection:



Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at lugs, convenience receptacles and the point where they exit from the fixture.

12 - Cleaning precautions :



Unplug the product before attempting any cleaning operation. This product should be cleaned only with accessories recommended by the manufacturer. Use a damp cloth to clean the surface. Do not wash this product.

13 - Long periods of non use :



Disconnect the unit's main power during long periods of non use.

14 - Liquids or objects penetration :



Do not let any object penetrate this product as it may result in electric shock or fire. Never spill any liquid on this product as it may infiltrate the electronic components and result in electric shock or fire.

15 - This product should be serviced when :



Please contact the qualified service personnel if :

- The power cord or the plug has been damaged.
- Objects have fallen or liquid has been spilled into the appliance.
- The appliance has been exposed to rain or water.
- The product does not appear to operate normally.
- The product has been damaged.

16 - Inspection/maintenance :

Please do not attempt any inspection or maintenance by yourself. Refer all servicing to qualified personnel.

17 - Operating environment :



Ambient temperature and humidity: +5 - +35°C, relative humidity must be less than 85% (when cooling vents are not obstructed).

Do not operate this product in a non-ventilated, very humid or warm place..

2 - Main Features

irLED56-24x1RGBss : 24x1W RGB LEDs PAR56 projector, aluminium finish.

irLED56-24x1RGBsb : 24x1W RGB LEDs PAR56 projector, black finish.

irLED56-12x3TCss : 12x3W RGB LEDs PAR56 projector, aluminium finish.

irLED56-12x3TCsb : 12x3W RGB LEDs PAR56 projector, black finish.

irLED64-36x1RGBss : 36x1W RGB LEDs PAR64 projector, aluminium finish.

irLED64-36x1RGBsb : 36x1W RGB LEDs PAR64 projector, black finish.

irLED64-18x3TCss : 18x3W RGB LEDs PAR64 projector, aluminium finish.

irLED64-18x3TCsb : 18x3W RGB LEDs PAR64 projector, black finish.

irLED64-18x5TCss : 18x5W RGB LEDs PAR64 projector, aluminium finish.

irLED64-18x5TCsb : 18x5W RGB LEDs PAR64 projector, black finish.

irLED64-12x3TCss 25° : 12x3W RGB LEDs PAR64 projector, aluminium finish, beamwidth: 25°.

irLED64-12x3TCsb 25° : 12x3W RGB LEDs PAR64 projector, black finish, beamwidth: 25°.

These products use the DMX, automatic and music-sensitives mode and are compatible with infrared remote controls.

• Features:

- Aluminium housing
- Double mounting brackets for suspension or ground handling
- Rear display
- Frost filters for perfect beam diffusions
- Internal thermal protection

• Functions:

Built-in command panel with digital drop-down display for :

- DMX addressing
 - Choosing the number of channels: 2, 3, 4, 5 or 6
 - Choosing the built-in programs
 - Choosing the preset colours
 - Master/Slave mode
 - Music-sensitive mode and choosing the mic sensitivity
- Infrared remote control giving you access to every remote function

• Package contents:

The package must contain:

- The projector
- The user guide
- A double mounting bracket
- An infrared remote control
- A 2-pole + earth power cord

3 - Technical specifications

3.1 - irLED56-24x1RGBss

• Optical:

- 24x1W LEDs 8 red, 8 green, 8 blue
- Beamwidth: 30°

• Connectors:

- DMX IN and OUT via 3-pin XLR,
- POWER IN/OUT via IEC sockets

• **Power supply:** 110/240 V 50/60 Hz

• **Power consumption:** 30 W

• **Finish:** Aluminium

• **Dimensions:** 320 x 250 x 170 mm (PAR56 format)

• **Weight :** 2.7 kg

3.5 - irLED64-36x1RGBss

• Optical:

- 36x1W LEDs 12 red, 12 green, 12 blue
- Beamwidth: 30°

• Connectors:

- DMX IN and OUT via 3-pin XLR,
- POWER IN via 2P+E power cord

• **Power supply:** 110/240 V 50/60 Hz

• **Power consumption:** 40 W

• **Dimensions :** 340 x 270 x 220 mm (PAR64 format)

• **Weight:** 3.2 kg

3.2 - irLED56-24x1RGBsb

- IrLED56-24x1RGBss with black finish
-

3.6 - irLED64-36x1RGBsb

- IrLED64-36x1RGBss with black finish
-

3.3 - irLED56-12x3TCss

- **Optical:**
 - 18x3W RGB LEDs
 - Beamwidth: 40°
- **Connectors :**
 - DMX IN and OUT via 3-pin XLR,
 - POWER IN/OUT via IEC sockets
- **Power supply:** 110/240 V 50/60 Hz
- **Power consumption:** 40 W
- **Dimensions :** 320 x 250 x 170 mm (PAR56 format)
- **Weight :** 2.8 kg

3.7 - irLED64-18x3TCss

- **Optique :**
 - 18x3W RGB LEDs
 - Beamwidth: 40°
- **Connectors :**
 - DMX IN and OUT via 3-pin XLR,
 - POWER IN/OUT via IEC sockets
- **Alimentation :** 110/240 V 50/60 Hz
- **Consommation :** 60 W
- **Dimensions :** 340 x 270 x 220 mm (PAR64 format)
- **Poids :** 4.3 kg

3.4 - irLED56-12x3TCsb

- irLED56-18x3TCss with black finish
-

3.8 - irLED64-18x3TCsb

- IrLED64-18x3TCss with black finish
-

3.9 - iLED64-18x5TCss

- **Optical:**
 - 18x5W RGB LEDs
 - Beamwidth: 40°
- **Connectors :**
 - DMX IN and OUT via 3-pin XLR,
 - POWER IN/OUT via IEC sockets
- **Power supply :** 110/240 V 50/60 Hz
- **Power consumption:** 100 W
- **Dimensions :** 340 x 270 x 220 mm (PAR64 format))
- **Weight :** 5 kg

3.10 - iLED64-18x5TCsb

- irLED64-18x5TCss 25° with black finish
-

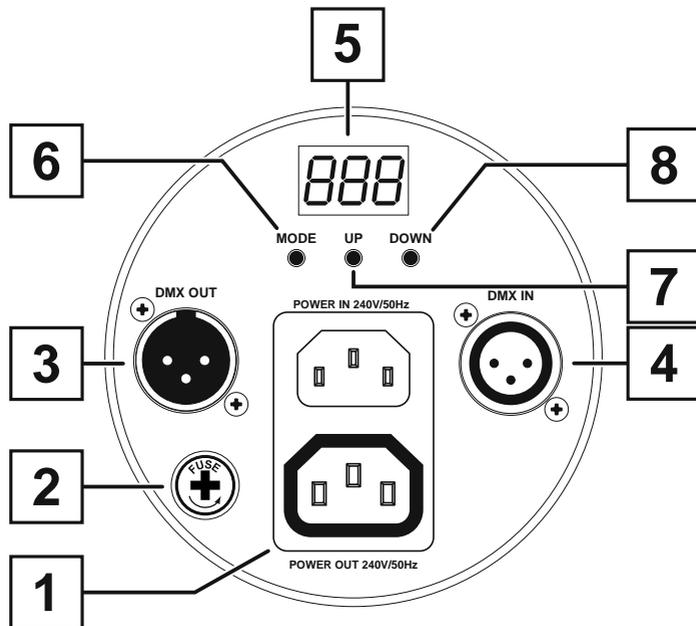
3.11 - iLED64-18x5TCsb 25°

- **Optical:**
 - 12x3W RGB LEDs
 - Beamwidth: 25°
- **Connectors :**
 - DMX IN and OUT via 3-pin XLR,
 - POWER IN/OUT via IEC sockets
- **Power supply:** 110/240 V 50/60 Hz
- **Power consumption:** 40 W
- **Dimensions :** 340 x 270 x 220 mm (PAR64 format)
- **Weight :** 4 kg

3.12 - irLED64-12x5TCss 25°

- IrLED64-12x3TCsb 25° with black finish

4 - Description



1 Power input/output socket

Allows you to connect the projector to an electrical outlet and to link several projectors together via a Male/Female IEC cord.

Please make sure the voltage is in adequation with the product indications.

Attention : Do NOT go over 700W on the same power source.

2 Fuse

If need to replace the fuse, please make sure the new fuse has exactly the same characteristics as the original one.

3 DMX output

3-pin male XLR plug hardwired as follows :

- Mass: 1
- Negative signal: 2
- Positive signal: 3

4 DMX input

3-pin female XLR plug hardwired as follows :

- Mass: 1
- Negative signal: 2
- Positive signal: 3.

5 Display

This intuitive display allows you to configure your projectors. Please refer to the next paragraphs for more details about the projectors configurations.

6 MODE button

Allows you to access menus and select a function.

7 UP button

Press UP to increase the adjustable values or browse the sub-menus.

8 DOWN button

Press DOWN to decrease the adjustable values or browse the sub-menus.

5 - The internal menu

Press the **MODE** button to access the internal menu.

To switch from a submenu to another, press the **MODE** button again.

Simultaneously press **MODE** and **DOWN** if you want the display to shut off when the menu remains inactive.

5.1 - C.XX Menu: Choosing a fixed colour or sequence

The diagram shows two digital displays. The first display shows 'C.L.0' and the second display shows 'C.L.7'. A dashed line connects the two displays, indicating a sequence of menu items from C.L.0 to C.L.7.

Press **MODE** until reaching **C.XX**. Press **UP** or **DOWN** to pick a colour. **C.00** means the projector is in Black-out mode. Fixed colours and sequences are described below:

C.00	Black-out
C.01	Red
C.02	Orange
C.03	Yellow
C.04	Green
C.05	Cyan
C.06	Blue
C.07	Pink
C.08	Magenta
C.09	Cool white
C.10	Warm white
C.11	Colours sequencing (without crossfade)
C.12	Blue to Green crossfade sequence
C.13	Red to Orange crossfade sequence
C.14	Crossfade sequence with every colour
C.15	Warm white to cool white crossfade sequence

5.2 - J.XX Menu: Adjust the colour sequence speed (without crossfade):

The diagram shows two digital displays. The first display shows 'J.01' and the second display shows 'J.99'. A dashed line connects the two displays, indicating a sequence of menu items from J.01 to J.99.

Press **MODE** until reaching **J.XX**. Press **UP** or **DOWN** to pick a value between 1 and 99. 1 is the slowest speed, 99 the fastest.

5.3 - F.XX Menu: Adjust the colour sequence speed (with crossfade)

The diagram shows two digital displays. The first display shows 'F.01' and the second display shows 'F.99'. A dashed line connects the two displays, indicating a sequence of menu items from F.01 to F.99.

Press **MODE** until reaching **F.XX**. Press **UP** or **DOWN** to pick a value between 1 and 99. 1 is the slowest speed, 99 the fastest..

5.4 - A.-- Menu: Switching to Auto mode

The diagram shows a single digital display showing 'A.--'.

Press **MODE** until reaching **A.--**. The projector will alternate between crossfade and step sequences. The sequencing speed described above will automatically be used.

5.5 - S.XX Menu: Activating the music-sensitive mode and configuring the mic sensitivity

S.00 S.01 S.31

Press **MODE** until reaching **S.00** and select a value with **UP** or **DOWN**. S.00 deactivates the music-sensitive mode. S.01 is a very low sensitivity, whereas S.31 is the max sensitivity. The colours are sequenced without crossfade when using the music-sensitive mode.

5.6 - S.L.A. Menu: Switching to slave mode

S.L.A.

Press **MODE** until reaching **S.L.A.** The projector will react to DMX signals coming from a similar projector. The Master unit can use the automatic, DMX or music-sensitive modes.

5.7 - XXX Menu: Switching to DMX mode

001 512

Press **MODE** until reaching the value of the DMX address. Configure the DMX address with **UP** and **DOWN**. In the absence of any DMX signal, the display will flash.

5.8 - CH.X Menu: Choosing a DMX mode

CH2 CH3 CH4 CH5 CH6

The irLED PAR projectors feature several DMX modes to be fully compatible with different remote controls and projectors. Use the **UP** or **DOWN** buttons to choose a mode. The 5 following modes are available:

- 2-channel mode: Channel 1 = 10 preset colours, 5 macros and music-sensitive mode ; Channel 2 = Main dimmer.
- 3-channel mode: Channel 1 = Red ; Channel 2 = Green ; Channel 3 = Blue
- 4-channel mode: Channel 1 = Red ; Channel 2 = Green ; Channel 3 = Blue ; Channel 4 = Dimmer and Strobe
- 5-channel mode: Channel 1 = Red ; Channel 2 = Green ; Channel 3 = Blue ; Channel 4 = Dimmer ; Channel 5 = Strobe
- 6-channel mode: Channel 1 = Red ; Channel 2 = Green ; Channel 3 = Blue ; Channel 4 = Dimmer ; Channel 5 = Strobe or speed; Channel 6 = Fixed colours, colours sequencing and music-sensitive mode.

5 - The various DMX modes

6.1 - 2-channel mode

CHANNEL 1		CHANNEL 2	
DMX values	Effect	DMX values	Effect
000 - 015	Off	000 - 255	Dimmer from 0 - 100%
016 - 030	Red		
031 - 045	Orange		
046 - 060	Yellow		
061 - 075	Green		
076 - 090	Cyan		
091 - 105	Blue		
106 - 120	Pink		
121 - 135	Magenta		
136 - 150	Cool white (6000°K)		
151 - 165	Warm white (3200°K)		
166 - 180	Colour macro 1		
181 - 195	Colour macro 2		
196 - 210	Colour macro 3		
211 - 225	Colour macro 4		
226 - 240	Colour macro 5		
241 - 255	Music-sensitive colour macro		

6.2 - 3-channel mode

	DMX values	Effect
CHANNEL 1	000 - 255	Red from 0 - 100%
CHANNEL 2	000 - 255	Green from 0 - 100%
CHANNEL 3	000 - 255	Blue from 0 - 100%

6.3 - 4-channel mode

	DMX values	Effect
CHANNEL 1	000 - 255	Red from 0 - 100%
CHANNEL 2	000 - 255	Green from 0 - 100%
CHANNEL 3	000 - 255	Blue from 0 - 100%
CHANNEL 4	000 - 189	Main dimmer from 0 - 100%
	190 - 250	Slow to fast strobe
	251 - 255	Full power

6.4 - 5-channel mode

	Valeur DMX	Effet
CHANNEL 1	000 - 255	Red from 0 - 100%
CHANNEL 2	000 - 255	Green from 0 - 100%
CHANNEL 3	000 - 255	Blue from 0 - 100%
CHANNEL 4	000 - 255	Main dimmer from 0 - 100%
CHANNEL 5	000	No function
	001 - 255	Slow to fast strobe

6.5 - 6-channel mode

CHANNEL 6			CHAN.5	CHAN. 4	CHAN. 3	CHAN. 2	CHAN. 1
MODE	DMX values	Function					
1	000 - 015	Black-out	Strobe (016 - 255) From slow to fast - 0,1Hz to 20Hz	Main dimmer (000 - 255) from 0 - 100%	Blue (000 - 255) 0-100%	Green (000 - 255) 0-100%	Red (000 - 255) 0-100%
2	016 - 030	Red			No function	No function	No function
3	031 - 045	Orange					
4	046 - 050	Yellow					
5	061 - 075	Green					
6	076 - 090	Cyan					
7	091 - 105	Blue					
8	106 - 120	Pink					
9	121 - 135	Magenta					
10	136 - 150	Cool white (6000°K)					
11	151 - 165	Warm white (3000°K)					
12	166 - 180	Macro 1	Speed (000 - 255) From slow to fast				
13	181 - 195	Macro 2					
14	196- 210	Macro 3					
15	211 - 225	Macro 4					
16	226 - 240	Macro 5					
17	241 - 255	Music-sensitive sequencing	Mic sensitivity				

7 - Infrared remote control

The infrared remote control supplied with the projectors allows you to remotely access all the functions of the projectors. The infrared sensor is located on the front of the projector.

Note : The remote control can also be used when the projector is in DMX mode.

1 - Black out button: Turns the projectors ON or OFF.

2 - A (AUTO RUN) button: Activates the automatic mode. Automatic colour changes.

3 - PROG (SELECT PROG) button: Launches built-in programs.

Select a program among the 10 fixed colours selections (red, green, cyan...), Color Jumping (fast colour sequencing) and Color Dream (slower colour sequencing) by pressing the + and - buttons.

Note : Fixed colours can also be chosen with the 0 to 9 buttons.

The sequencing is as follows: 0 = black-out ; 1 = Red ; 2 = Green ; 3 = Blue ; 4 = Orange ; 5 = Yellow; 6 = Magenta, 7 = Cyan, 8 = Cool white and 9 = Warm white.

4 - F button (FLASH): Activates or deactivates the Flash mode. Increase or decrease the flash speed with the + and - buttons of the remote control.

5 - SP button: Allows you to configure the Color Jumping and Color Dream programs speed. Increase or decrease the speed with the + and - buttons of the remote control.

6 - D button (DMX MODE): Activates the DMX mode of the projectors.

7 - DMX mode selection

There are 5 different DMX modes.

You will need to select a DMX mode before controlling your projector in DMX mode ;

Press the D button (DMX MODE) and use the + and - buttons to switch from one mode to another :

- When the LEDs are **red**, the projector is currently using the 2-channel mode.
- When the LEDs are **green**, the projector is currently using the 3-channel mode.
- When the LEDs are **blue**, the projector is currently using the 4-channel mode.
- When the LEDs are **red and green**, the projector is currently using the 5-channel mode.
- When the LEDs are **red and blue**, the projector is currently using the 6-channel mode.

8 - SA button: Activates the music-sensitive mode.

9 - SL button (SLAVE): Activates the slave mode.

10 - SET ADDR buttons and 0, 1, 2, 3, 4, 5, 6, 7, 8 and 9: Allows you to configure your projectors DMX address.

For instance, if you want to configure the address 245 :

- Press S, all the LEDs are flashing to indicate the beginning of the process.
- Press 2, the green LEDs of your projectors lit up to indicate the hundreds digit has been saved.
- Press 4, the blue LEDs of your projector lit up to indicate the tenths digit has been saved.
- Then press 5. All the LEDs will flash to confirm you the address has been saved properly.

To configure the address 002:

- Press S, all the LEDs are flashing to indicate the process beginning.
- Press 0, the green LEDs of your projectors lit up to indicate the hundreds digit has been saved.
- Press 0, the blue LEDs of your projector lit up to indicate the tenths digit has been saved.
- Then press 2. All the LEDs will flash to confirm you the address has been saved properly.

11 - R, G and B buttons : Adjusts colours brightness, **R** for red, **G** for green and **B** for blue. Increase or decrease their brightness with the + and - buttons.



Because CONTEST® takes the utmost care in its products to make sure you only get the best possible quality, our products are subjects to modifications without prior notice. That is why technical specifications and the products physical configuration might differ from the illustrations.

Make sure you get the latest news and updates about the CONTEST® products on www.contest-lighting.com
CONTEST® is a trademark of HITMUSIC S.A. - Zone Cahors sud - 46230 FONTANES - FRANCE