

# LED-UV12

# 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.



### 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 electric shock

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.e.



### 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 - Introduction

Thank you for purchasing the LED-UV12.

Its ultra wide aperture angle combined with the 12x3W UV LEDs offer an incredible light output. It will allow you to emphasize on white shade and fluorescents areas like no other projector, with a small power consumption and low heat emissions.

## 3 - Technical specifications and installation

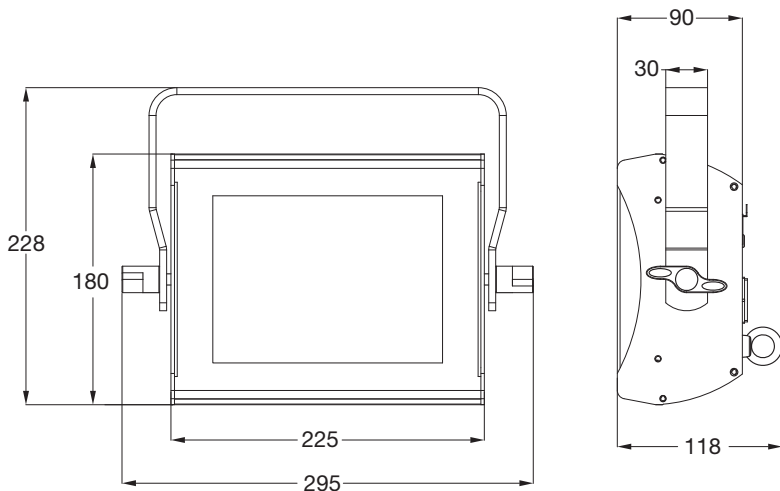
### 3.1 - Technical specifications

- 12x3W UV LEDs with individual reflector
- Beamwidth: 60°
- Power consumption: 35W
- Power supply: 100/240V, AC - 50/60Hz
- 4-digit drop-down display
- DMX IN/OUT via XLR 3
- IN/OUT IEC power socket
- Fanless, convection cooling system
- Black metal housing
- Suspension bracket and lockring
- Net weight: 2.2 Kg

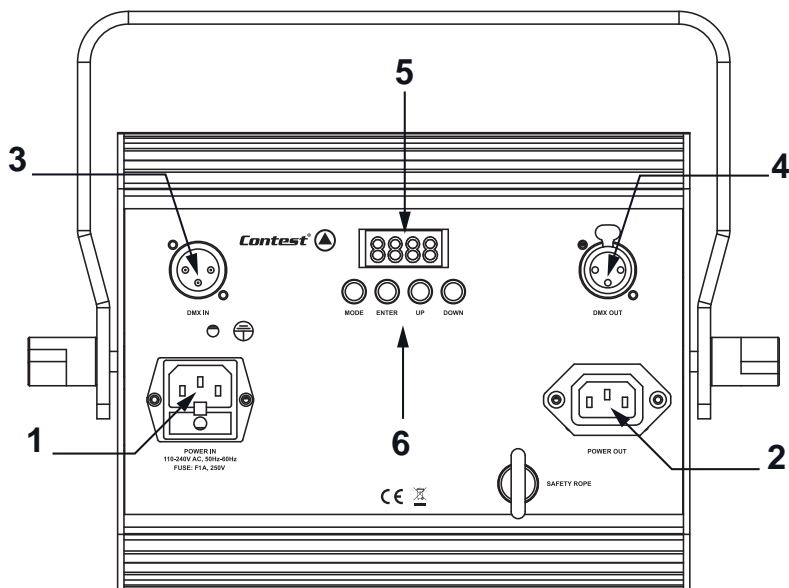
### 3.2 - Installation

The LED-UV12 was designed to be either suspended via its suspension bracket or standing directly on the ground. We strongly recommend to use a double system with safety cables in case the first one breaks. The safety cable must be able to hold 10 times the weight of the device. The installation must be prepared by qualified persons. Please make sure nobody can reach the unit once installed.

### 3.3 - Dimensions



## 4 - Rear panel description:



### 1 Power input

Allows you to connect the projector to an electrical outlet.

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

### 2 Power output

Allows you to add more projectors to your chain.

**Warning:** Please make sure to never plug more than 700W on the same electrical outlet.

### 3 DMX input

3-pin female XLR plug hardwired as follows :

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

### 4 DMX output

3-pin male XLR plug hardwired as follows :

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

Can be used to daisy-chain several units.

### 5 Display







This intuitive display allows you to configure your projector. Please refer to the next paragraphs for more details about the projector configuration. The display backlight can be deactivated via the Back Light command menu.

### 6 Menu buttons

Allow you to configure the projector and access its functions.

5 - Menu and functions

Press **MODE** to access the internal menu and its functions.  
Press **ENTER** to switch from a sub-menu to the next one.  
Use the buttons **UP** or **DOWN** to modify values and confirm with **ENTER**.

Mode	ENTER	UP and DOWN	Action
DMX modes	Address		DMX address selection
	Number of channels		2 channels: Dimmer / Strobe speed
	No DMX		Mode selection in case of DMX signal interruption. <b>Hold</b> : holds onto the last DMX value received <b>bla</b> : Black-out <b>soun</b> : music-sensitive
SLAVE	SLAU		Switches to slave mode and reproduces the function of the device sending DMX information
MANUAL	Brightness		Configures the dimmer from 0 - 100%
	Flash		Configures the flash speed from 00 to 99
MUSIC-SENSITIVE	Sound		Configures the microphone sensitivity from 00 to 30

## 6 - DMX channels and their values

	DMX values	Effects
CHANNEL 1	000 - 255	Dimmer from 0 - 100%
CHANNEL 2	000 - 255	Strobe speed from slow to fast

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](http://www.contest-lighting.com)  
CONTEST® is a trademark of HITMUSIC S.A. - Zone Cahors sud - 46230 FONTANES - FRANCE