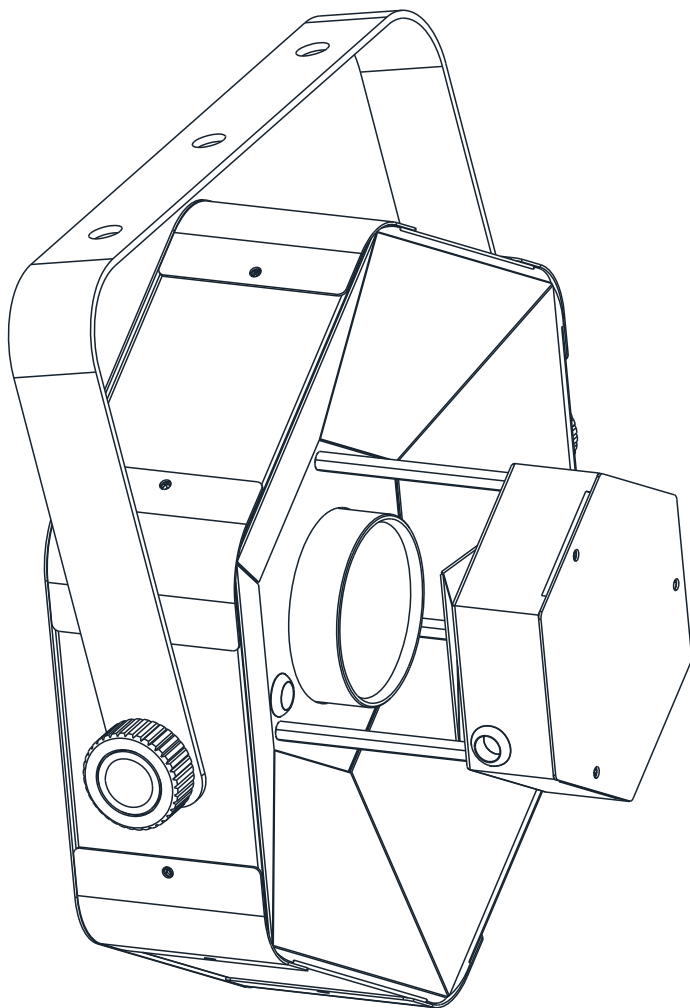


32W RGBW LED LIGHTING EFFECT WITH 6 MIRRORS



HEXABEAM

USER GUIDE
10364- Version 1 / 07-2015

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.



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



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.

Symbols used



This symbol signals an important safety precaution.



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



The CAUTION symbol signals a risk of product deterioration.

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.

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.



CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN



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.

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.

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 - Technical specifications

Light source

- › 1 x 32W RGBW LED - 30 000 hours (expected)
- › Low power consumption, low temperature, can be operated non-stop for many hours

Control

- › Standard DMX-512
- › 1 or 4 DMX channels
- › Simplified control (EASY-2 compatible)
- › Music-sensitive show via the internal microphone
- › Simplified control of several units in Master/Slave mode
- › Drop-down display to assign and select the different modes

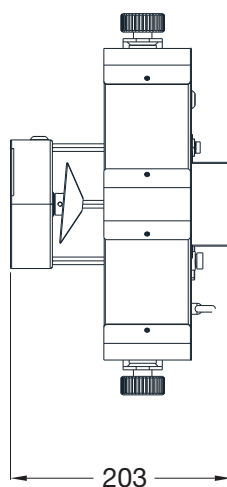
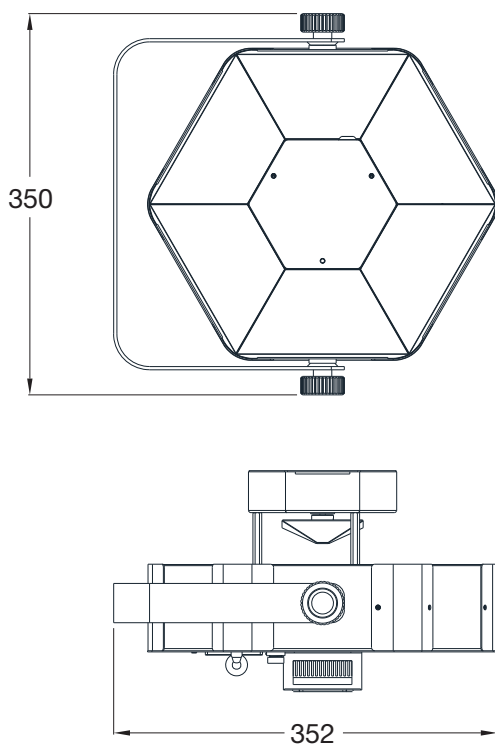
Additional characteristics

- › Power consumption: 43 W maximum
- › Power supply: 100/230V, AC- 50/60Hz
- › Dimensions: 350 x 352 x 203 mm
- › Net weight: 4.6 kg

Package contents:

The package must contain the following articles:

- › The projector
- › The user guide
- › A 2-pole+earth IEC power cord




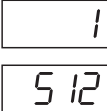



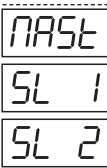

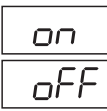
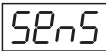


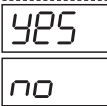
4 - Internal menu

4.1 - Menus and functions

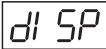




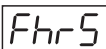
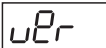
Your projector will perform a position initialisation of its motors upon activation.

Once the initialisation has been completed, press ENTER to access the menu.

You will find below a description of the menu tree.

MENU	UP and DOWN	Action	ENTER
	DMX Address		
		DMX address selection Press ENTER and select the address with UP and DOWN	Saves changes
	DMX Modes		
		1 channel: Colours and shows selection 4 channels : Colours selection / Rotation / Strobe / Dimmer	Press ENTER, mode selection with UP and DOWN. Saves changes
	Slave modes		
		Allows you to determine the reactions of your device in slave mode. - Slave 1: Mimics exactly the Master units movements. - Slave 2: Mimics but reverses the Master units movements.	Saves changes
	Music-sensitive mode		
		Activate or deactivate the music-sensitive mode Press ENTER and select On or Off with UP and DOWN.	Saves changes
	Microphone sensitivity		
		Allows you to adjust the microphone sensitivity for music-sensitive modes. 000 indicates the microphone is deactivated.	Saves changes
	Black-out mode		
		Activates or deactivates the Black-out mode. Yes means the black-out mode will be activated upon initialisation of your device. No means the projector will automatically launch shows upon initialisation. Press ENTER and select No or Yes with UP and DOWN.	Saves changes

4.1 - Menus and functions (continuation and end)

MENU	UP and DOWN	Action	ENTER
	Display reversal		
	 	Allows you to reverse the display and adapt it to the current position of your projector.	Saves changes
		Performs an automatic test on each function.	Launches the test
		Displays the internal temperature of your projector.	No action
		Displays the total running hours of your projector since its first activation.	No action
		Displays the current version of the internal software.	No action

5 - DMX Channels and their functions

Your projector will enter DMX mode as soon as a DMX signal is detected via the DMX input.

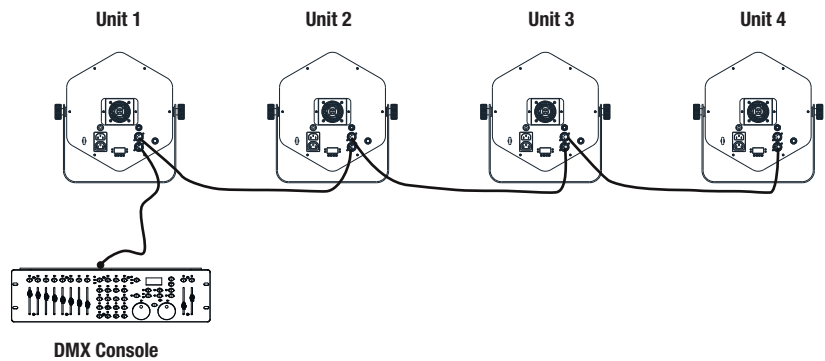
5.1 - 1-channel mode

Channels	Values	Action
1	000 - 007	Black-Out
	008 - 104	Slow to fast show in Master mode
	105 - 106	Red and rotation in Music-sensitive mode
	107 - 115	Green and rotation in Music-sensitive mode
	116 - 125	Blue and rotation in Music-sensitive mode
	126 - 135	White and rotation in Music-sensitive mode
	136 - 145	Red and Green and rotation in Music-sensitive mode
	146 - 155	Red and Blue and rotation in Music-sensitive mode
	156 - 165	Red and White and rotation in Music-sensitive mode
	166 - 175	Green and Blue and rotation in Music-sensitive mode
	176 - 185	Green and White and rotation in Music-sensitive mode
	186 - 195	Blue and White and rotation in Music-sensitive mode
	196 - 205	Red, Green and Blue and rotation in Music-sensitive mode
	206 - 215	Red, Green and White and rotation in Music-sensitive mode
	216 - 225	Red, Blue and White and rotation in Music-sensitive mode
	226 - 235	Green, Blue and White and rotation in Music-sensitive mode
	236 - 245	Red, Green, Blue and White and rotation in Music-sensitive mode
	246 - 255	Show in Master and Music-sensitive mode

5.2 - 4-channel mode

Channels	Values	Action
1	Colours	
	000 - 015	Red
	016 - 031	Green
	032 - 047	Blue
	048 - 063	White
	064 - 079	Red and Green
	080 - 095	Red and Blue
	096 - 111	Red and White
	112 - 127	Green and Blue
	128 - 143	Green and White
	144 - 159	Blue and White
	160 - 175	Red, Green and Blue
	176 - 191	Red, Green and White
	192 - 207	Red, Blue and White
	208 - 223	Red, Green and Blue
	224 - 239	Red, Green, Blue and White
	240 - 255	Colour macro without rotation
2	Rotation	
	000 - 009	No function
	010 - 120	Clockwise, fast to slow rotation
	121 - 134	No rotation
	135 - 245	Counterclockwise, slow to fast rotation
	246 - 249	No rotation
	250 - 255	Preset rotation in Music-sensitive mode
3	Strobe	
	000 - 015	Open
	016 - 131	Slow to fast strobe
	132 - 139	Open
	140 - 181	Standard pulse effect: slow opening and quick closing
	182 - 189	Open
	190 - 231	Reversed pulse effect: quick closing and slow opening
	232 - 239	Open
	240 - 247	Random strobe
4	Dimmer	
	000 - 007	Black-Out
	008 - 255	Dimmer from 0 - 100%

6 - DMX cabling and addressing for each mode

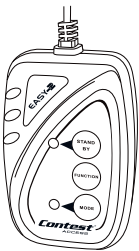


DMX Mode	Unit 1 address	Unit 2 address	Unit 3 address	Unit 4 address
1-channel	1	2	3	4
4-channel	1	5	9	13

7 - Using the EASY-2 remote control (optional)

The EASY-2 remote control is straightforward and easy to install. It is able to control several units synchronised with the Master/Slave mode.

Plug your remote control into the Master projector Jack 6.35 chassis called «ONLY FOR REMOTE CONTROL», and daisy chain the additional units via the XLR plugs, as you would for a regular DMX cabling. This remote control gives you access to the following functions: black-out, strobe, and show selection.



Button	Action	
STAND - BY	Black-out	
FUNCTION	For each pressure and while holding down: 1: Synchronised strobe 2: Asynchronous strobe 3: Music-sensitive strobe	For each pressure (1 to 8): Rotation speed settings
MODE	Strobe (LED OFF)	Show (LED ON)

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