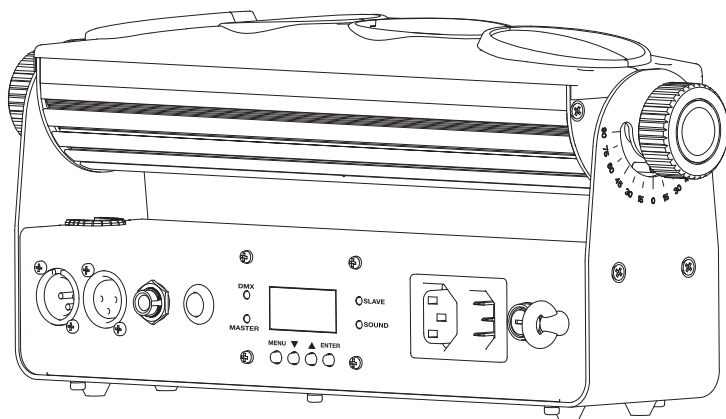


4X10W LED MULTIBEAM BAR



BEAM-4X10QC

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 been 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 - Technical specifications

LIGHT SOURCES

- › 4x10W RGBW LEDs - 50 000 hours (expected)
- › Aperture angle: 6° (individual lenses)
- › Low temperature, low power consumption, can be operated non-stop for many hours

COLOURS

- › General or individual (for each LED) RGBW settings
- › General or individual (for each LED) colour chaser effect
- › General or individual (for each LED) colour presets
- › Music-sensitive automatic mode
- › General or individual (for each LED) colour mixing

EFFECTS

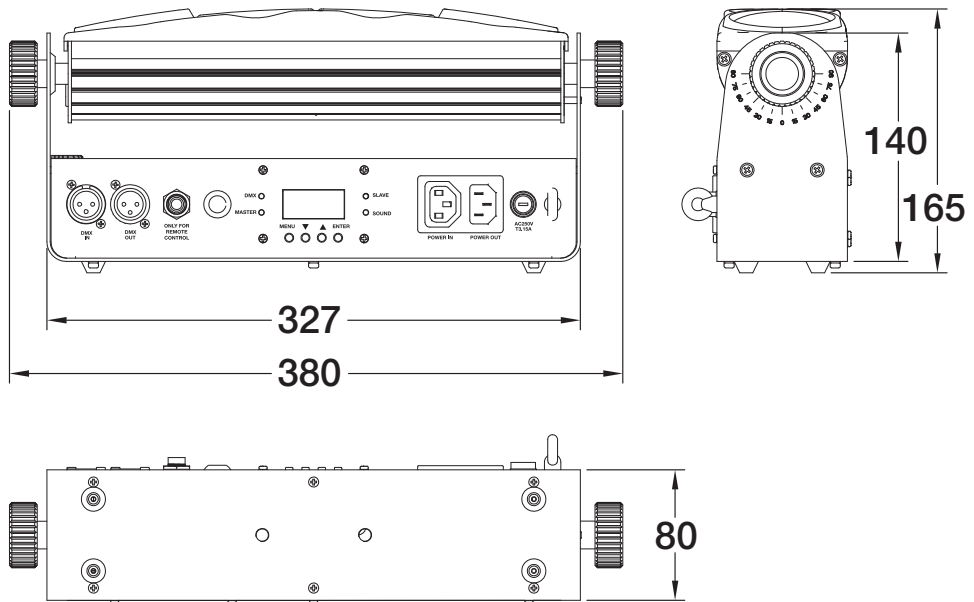
- › Adjustable strobe
- › Music-sensitive pulse and flash effects
- › Adjustable electronic dimmer: 0-100%

CONTROL

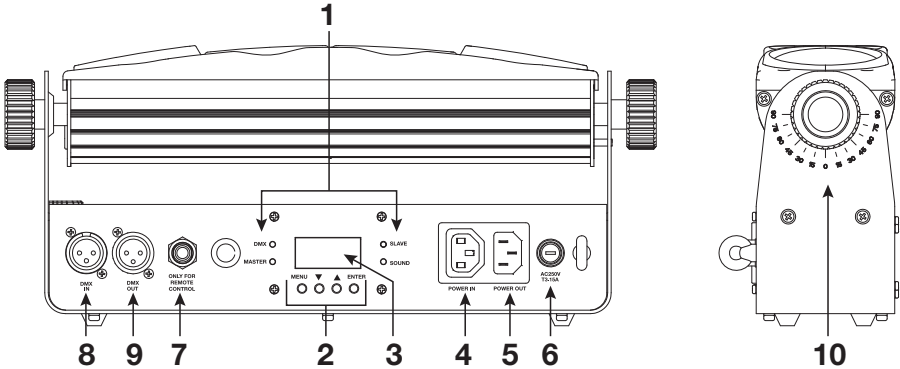
- › Standard DMX-512
- › 1-18 DMX channels
- › Simplified controls (EASY-2 Compatible)
- › Built-in music-sensitive programs (via the internal miC)
- › Simplified controls of several units (with the Master/Slave mode)
- › Drop-down display to assign and choose the different modes

ADDITIONAL CHARACTERISTICS

- › Omega fixation system
- › Power consumption : 45W max.
- › Power supply : 100/230V - 50/60Hz, AC
- › Dimensions : 380 x 165 x 80 mm
- › Net weight : 2.7 Kg



3 - Description



1

Indicator LEDs
These 4 LEDs indicate the device status.

LED	Indication
DMX	Is ON when the DMX mode is activated
MASTER	is ON when the Master mode is activated
SLAVE	is ON when the Slave mode is activated
SOUND	Flashes when the Sound-sensitive mode is activated

2

Menu settings
MENU
Press MENU to access and select the functions.
ENTER
Press ENTER to access a sub-menu and or save changes selected via the UP and DOWN buttons.
UP and DOWN
Press UP or DOWN to increase/decrease the adjustable values or browse the sub-menus.

3

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.

4

Power input
Allows you to connect the projector to an electrical outlet. Please make sure the voltage is in adequation with the product indications.

5

Power output socket
Allows you to link two projectors together via a Male/Female IEC cord. You can daisy chain up to 8 projectors.

6

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

7

Stereo Jack 6.35 input
This input allows you to plug in the EASY-2 optional remote control.
Only the EASY-2 remote control should use this input, as plugging other devices may result in severe damages to the internal electrics.

8

DMX input
3-pin female XLR plug hardwired as follows :

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

9

DMX output
3-pin male XLR plug hardwired as follows :

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

10

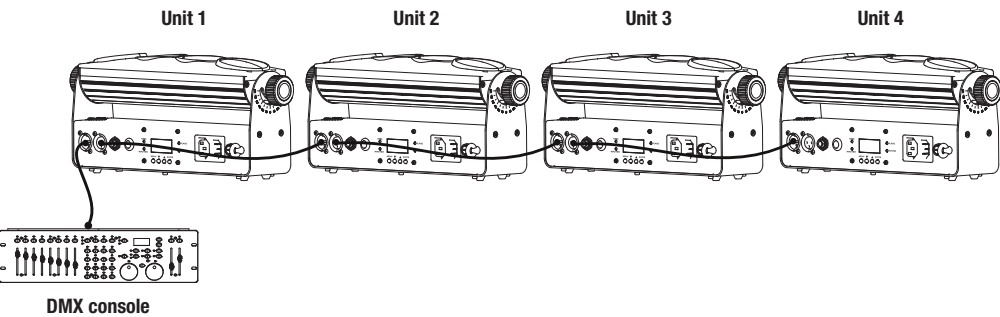
Bar clamping knob
Adjusts the bar TILT position on a 180° angle.

4 - Internal menu

MENU	UP and DOWN	Action	ENTER
DMX Address	001-512	DMX address selection Press ENTER and select the adress with UP and DOWN	Saves changes
Channel Mode	<div>1 Chan</div> <div>4 Chan</div> <div>6 Chan</div> <div>18 Chan</div>	<div>1 channel : Select the pre-programmed sequences: 0 - 12</div> <div>4 channels : Dimmer, Strobe, 0 - 12 built-in programs selection and music-sensitive mode, Shows speed</div> <div>6 channels : Dimmer, Strobe, Fixed colours and colour sequencing for each LED</div> <div>18 channels : Dimmer, Strobe, Colour dimmer for each LED</div>	<div>Press ENTER, mode selection with UP and DOWN.</div> <div>Saves changes</div>
Slave Mode	<div>Master</div> <div>Slave 1</div> <div>Slave 2</div>	Determines how the device reacts in Slave mode : - Slave 1 : The device replicates the Master device movements. - Slave 2 : The device replicates in reverse the Master device movements.	Saves changes
Show Mode	<div>Show 0</div> <div>:</div> <div>:</div> <div>Show 12</div>	Shows are music-sensitive. Please make sure the music-sensitive mode is activated (Sound State menu), and the microphone configured (Sound Sense menu). Refer to paragraph 4.3 for more details about music-sensitive shows.	Saves changes
Sound State	<div>On</div> <div>Off</div>	Activates or deactivates the music-sensitive mode. Press ENTER and select On or Off with the UP and DOWN buttons.	Saves changes
Sound Sense	000-100	Adjusts the microphone sensitivity (for music-sensitive modes) . When the value is 000, the microphone is deactivated.	Saves changes
Black Out	<div>On</div> <div>Off</div>	Activates or deactivates the Black out mode. When ON is selected, the moving head automatically starts in black out mode when turned on. When Off is selected, the moving head automatically launches shows when turned on. Press ENTER and select On or Off with the UP and DOWN buttons.	Saves changes

MENU	UP and DOWN	Action	ENTER
Back Light	On Off	Activates or deactivates the display backlight. Press ENTER and select On or Off with the UP and DOWN buttons. When Off, the display automatically turns off after a 30-second inactivity period.	Saves changes
Auto Test	Test...	Tests each function.	Launches the test
Temp.	xxx	Displays the temperature of the projector head (Celsius degrees).	No action
Fixture Time	xxx	Displays the total operating hours since the product was switched on for the first time.	No action
Firmware Version	A :UX.X Ab:UX.X	Displays the current software versions. A refers to the operating software. Ab refers to the booting software.	No action

5 - DMX cabling and addressing for each mode

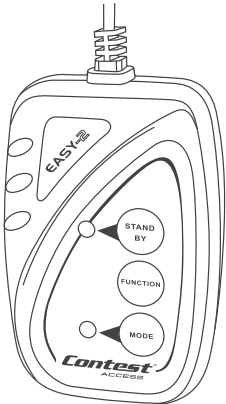


DMX mode	Unit 1 address	Unit 2 address	Unit 3 address	Unit 4 address
1 channel	1	2	3	4
4 channels	1	5	9	13
6 channels	1	7	13	19
18 channels	1	19	37	55

6 - How to use the EASY-2 remote control (optional)

The EASY-2 remote control is straightforward and easy to install. It is able to control several synchronised units 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 when hold down : 1 : Synchronised strobe 2 : Asynchronous strobe 3 : Music-sensitive strobe	0-12 Show selection
MODE	Random shows (LED OFF)	Show (LED ON)



7 - The various DMX modes

As soon as a DMX signal is detected via the DMX IN input, the DMX mode is automatically activated.

7.1 - 1-channel mode

Channel	Values	Action
1	000 - 007	Black-out
	008 - 027	Show 0
	028 - 047	Show 1
	048 - 067	Show 2
	068 - 087	Show 3
	088 - 107	Show 4
	108 - 127	Show 5
	128 - 147	Show 6
	148 - 167	Show 7
	168 - 187	Show 8
	188 - 207	Show 9
	208 - 227	Show 10
	228 - 247	Show 11
	248 - 255	Show 12

7.2 - 4-channel mode

Channel	Values	Action
1	000 - 255	Main dimmer: 0-100%
2		Strobe
	000	Open
	001 - 255	Strobe at increasing speed
3		Shows 0 - 12
	000 - 007	Black-out
	008 - 027	Show 0
	028 - 047	Show 1
	048 - 067	Show 2
	068 - 087	Show 3
	088 - 107	Show 4
	108 - 127	Show 5
	128 - 147	Show 6
	148 - 167	Show 7
	168 - 187	Show 8
	188 - 207	Show 9
	208 - 227	Show 10
	228 - 247	Show 11
	248 - 255	Show12 Music-sensitive : 0-11 Show sequencing
4	000 - 255	Shows speed

7.3 - 6-channel mode

Channel	Values	Action
1	000 - 255	Main dimmer: 0-100%
2	000	Strobe Open
	001 - 255	Strobe at increasing speed
3 : LED 1 4 : LED 2 5 : LED 3 6 : LED 4	Fixed colours and individual colour sequencing for each LED (From 1-8)	
	000 - 007	Black-out
	008 - 015	Red
	016 - 023	Green
	024 - 031	Blue
	032 - 039	White
	040 - 047	Red + Green
	048 - 055	Red + Blue
	056 - 063	Red + White
	064 - 071	Green + Blue
	072 - 079	Green + White
	080 - 087	Blue + White
	088 - 095	Red + Green + Blue
	096 - 103	Red + Green + White
	104 - 111	Red + Blue + White
	111 - 119	Green + Blue + White
	120 - 127	Red + Green + Blue + White
	128 - 247	Colour sequencing from slow to fast
	248 - 255	Music-sensitive colour sequencing

7.4 - Mode 18 canaux

Canal	Valeurs	Action
1	000 - 255	Main dimmer
2	000	Strobe
	001 - 255	Open
		Strobe at increasing speed
3	000 - 255	LED 1 Red
4	000 - 255	LED 1 Green
5	000 - 255	LED 1 Blue
6	000 - 255	LED 1 White
7	000 - 255	LED 2 Red
8	000 - 255	LED 2 Green
9	000 - 255	LED 2 Blue
10	000 - 255	LED 2 White
11	000 - 255	LED 3 Red
12	000 - 255	LED 3 Green
13	000 - 255	LED 3 Blue
14	000 - 255	LED 3 White
15	000 - 255	LED 4 Red
16	000 - 255	LED 4 Green
17	000 - 255	LED 4 Blue
18	000 - 255	LED 4 White

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.

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