LE CLUB
Contest

6X10W WHITE LEDS MULTI-BEAM ROTATING BAR
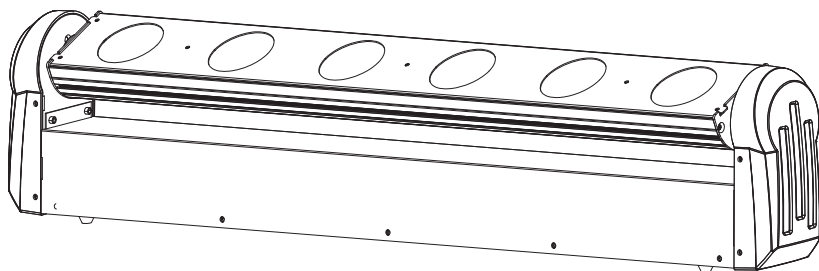
Swell-6x10WH

USER GUIDE

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.

IMPORTANT

The CAUTION symbol signals a risk of product deterioration.

CAUTION

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

WARNING

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.

CAUTION

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

Effects
› Adjustable strobe
› Adjustable flash effect
› Adjustable electronic dimmer from 0 - 100%

Control
› Standard DMX-512
› 1- 13 DMX channels
› Simplified settings (Compatible EASY-2)
› Built-in music-sensitive program via the internal microphone
› Simplified control of several projectors simultaneously
› LCD drop-down menu to choose and assign the different modes

Movements
› Bar rotation on a 240° angle

Package contents :
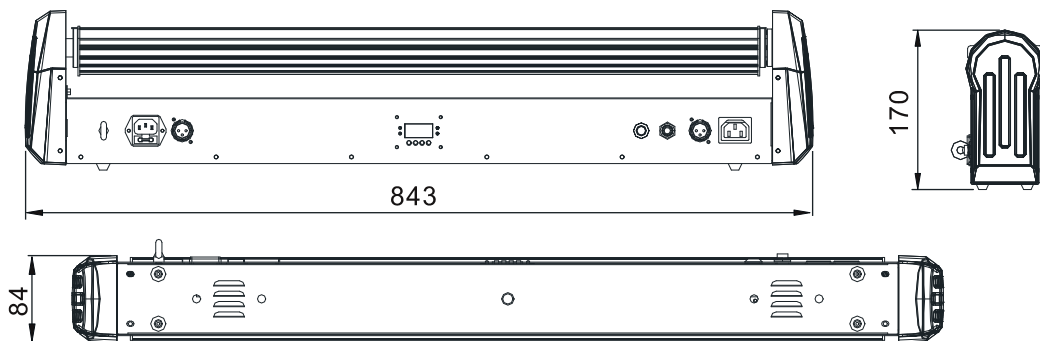The package must include the following articles:
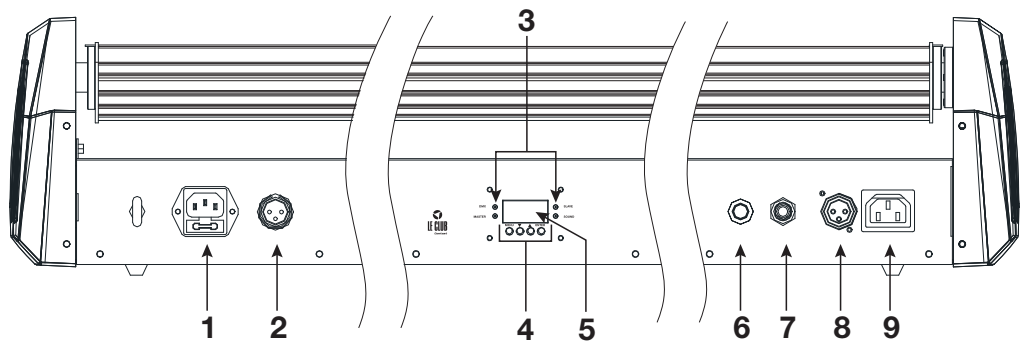› The projector
› The user guide
› 1x2-pole + earth IEC power cord

Additional characteristics
› Holding brackets with Omega holders
› Power consumption: 64.5W max.
› Power supply : 100/230V - 50/60Hz, AC
› Dimensions : 843 x 170 x 84 mm
› Net weight : 4.9 Kg

Dimensions

843

170

84

3 - 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 DMX input
3-pin female XLR plug hardwired as follows :
- Mass: 1
- Negative signal: 2
- Positive signal: 3

3 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

4 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.

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 Microphone
The microphone is used for the music-sensitive modes.

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 output
3-pin male XLR plug hardwired as follows :
- Mass: 1
- Negative signal: 2
- Positive signal: 3

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

4 - Internal menu

Once turned on, the moving head will start a position initialisation for each motor. At this stage, the display indicates $\boxed{\begin{array}{c}\texttt{Le Club}\\\texttt{CONTEST}\end{array}}$. Once the initilisation is over, the display will indicate $\boxed{\begin{array}{c}\texttt{SWELL}\\\texttt{6x10WH}\end{array}}$, you will then be able to access the menu using the MENU or ENTER buttons. If the menu remains inactive for 30 seconds, the display will indicate $\boxed{\begin{array}{c}\texttt{SWELL}\\\texttt{6x10WH}\end{array}}$ and locks. To access the menu again, press ENTER.

| 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`	`1 Chan`	**1** channel : Select the pre-programmed sequences: 1 - 12	Press ENTER, mode selection with UP and DOWN. Press MENU for more than 3 seconds to activate the DMX mode.	Saves changes
	`7 Chan`	**7** channels : TILT, TILT macros, TILT macros speed, Main dimmer, Strobe, LED macros and LED macros speed		
	`9 Chan`	**9** channels : Tilt, Main dimmer, Strobe, Individual LED dimmers		
	`13 Chan`	**13** channels : TILT, TILT macros, TILT macros speed, Main dimmer, Strobe, Individual LED dimmers, LED macros and LED macros speed		
`Show Mode`	`Show 0` ⋮ `Show 12`	Shows are music-sensitive. Please make sure the music-sensitive mode is activated (menu Sound State). Show 0 starts a 1 - 12 show sequencing.		Saves changes
`Slave Mode`	`Slave 1` `Slave 2`	Modes **Master**, Slave1 and Slave 2 selection. Press ENTER and use the UP and DOWN buttons to select a mode. The Slave 2 mode reverses the PAN and TILT movements, and the sequences order in relation to the master projector.		Saves changes
`Angle Setting`	`120 90 240 150`	Modify the TILT movements maximum amplitude (in degrees).		Saves changes
`Sound Mode`	`No` `Yes`	Activates or deactivates the music-sensitive mode. Press ENTER and select On or Off with the UP and DOWN buttons.		Saves changes
`Black Out`	`No` `Yes`	Activates or deactivates the Black out mode. Press ENTER and select On or Off with the UP and DOWN buttons.		Saves changes
`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
`Tilt Inverse`	`Normal` `Inverse`	Activates the TILT movement reversion when the Slave mode is activated, or in DMX mode. Press ENTER and select Normal or Inverse with UP and DOWN.		Saves changes

MENU	UP and DOWN	Action	ENTER
Lamp Inverse	Normal / Inverse	Reverses the sequence movements. When No is selected, the sequences are executed from right to left, when Yes is selected, they are executed from left to right. Press ENTER and select Yes or No with UP and DOWN.	Saves changes
Auto Test	Test...	Tests each function.	Lance le test
Fixture Hours	XXX	Displays the total operating hours since the product was switched on for the first time.	No action
Software Version	A :VX.X Ab:VX.X	Displays the current software versions.	No action
Reset		Resets the device	Resets

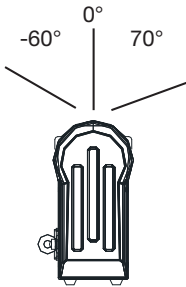### 4.2 - TILT macros and movement limitations

In order to avoid lighting effects over untargeted areas (such as ceilings, room angles, etc.) each macro has its own TILT range.
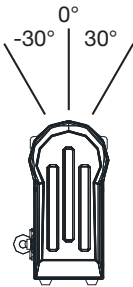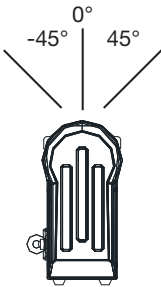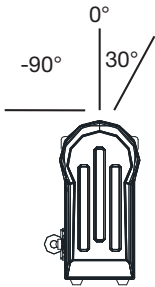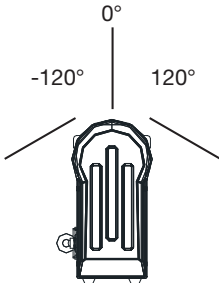

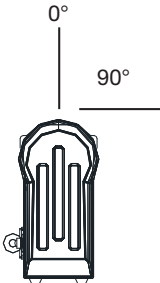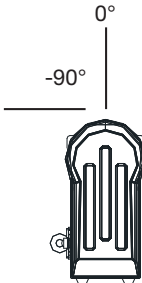Macro 1   Macro 2   Macro 3   Macro 4

Macro 5   Macro 6   Macro 7

5 - The various DMX modes

5.1 - 1-channel mode

Channel	DMX values	Action
	000 - 007	Black-out
	008 - 015	Show 0 - automatic 1-12 show sequence
	016 - 033	Show 1 music-sensitive
	034 - 051	Show 2 music-sensitive
	052 - 069	Show 3 music-sensitive
	070 - 087	Show 4 music-sensitive
	088 - 105	Show 5 music-sensitive
1	106 - 123	Show 6 music-sensitive
	124 - 141	Show 7 music-sensitive
	142 - 159	Show 8 music-sensitive
	160 - 177	Show 9 music-sensitive
	178 - 195	Show 10 music-sensitive
	196 - 213	Show 11 music-sensitive
	214 - 231	Show 12 music-sensitive
	232 - 255	Show 0 : Music-sensitive 1-12 show sequence

5.2 - 7-channel mode

Channels	Values	Action
1	000 - 255	TILT movement: -120° - 120°
	TILT macros	
	000 - 007	No action
	008 - 043	Macro 1 : -30° ~ 30°
	044 - 079	Macro 2 : - 45° ~ 45°
2	080 - 115	Macro 3 : -60° ~ 70°
	116 - 151	Macro 4 : -90° ~ 30°
	152 - 187	Macro 5 : -120° ~ 120°
	188 - 223	Macro 6 : 0° ~ 90°
	224 - 255	Macro 7 : -90° ~ 0°
	TILT macros speed	
3	000 - 007	No action
	008 - 247	TILT macros speed from slow to fast
	248 - 255	Music-sensitive TILT macros
	Main dimmer	
4	000 - 007	Black-Out
	008 - 255	Dimmer: 0% - 100%
	Strobe	
	000 - 015	Open
	016 - 131	Stroboscope at increasing speed
	132 - 139	Open
	140 - 181	Pulse effect
5	182 - 189	Open
	190 - 231	Reversed Pulse effect
	232 - 239	Open
	240 - 247	Random strobe
	248 - 255	Open

Channels	Values	Action
6	**LED macros**	
	000 - 007	No action
	008 - 043	LED 1 macro
	044 - 079	LED 2 macro
	080 - 115	LED 3 macro
	116 - 151	LED 4 macro
	152 - 187	LED 5 macro
	188 - 223	LED 6 macro
	224 - 255	Full On
7	**LED macros speed**	
	000 - 007	No action
	008 - 247	LED macros speed from slow to fast
	248 - 255	Full power

5.3 - 9-channel mode

Channels	Values	Action
1	000 - 255	**TILT** movement: -120° à 120°
2	**Main dimmer**	
	000 - 007	Black-Out
	008 - 255	Dimmer: 0 - 100%
3	**Strobe**	
	000 - 015	Black-out
	016 - 131	Stroboscope at increasing speed
	132 - 139	Open
	140 - 181	Pulse effect
	182 - 189	Open
	190 - 231	Reversed Pulse effect
	232 - 239	Open
	240 - 247	Random strobe
	248 - 255	Open
4	000 - 255	**LED 1** Dimmer : 0 - 100%
5	000 - 255	**LED 2** Dimmer : 0 - 100%
6	000 - 255	**LED 3** Dimmer: 0 - 100%
7	000 - 255	**LED 4** Dimmer: 0 - 100%
8	000 - 255	**LED 5** Dimmer: 0 - 100%
9	000 - 255	**LED 6** Dimmer: 0 - 100%

5.4 - 13-channel mode

Channels	Values	Action
1	000 - 255	**TILT** movement: -120° - 120°
2	**TILT macros**	
	000 - 007	No action
	008 - 043	Macro 1 : -30° ~ 30°
	044 - 079	Macro 2 : - 45° ~ 45°
	080 - 115	Macro 3 : -60° ~ 70°
	116 - 151	Macro 4 : -90° ~ 30°
	152 - 187	Macro 5 : -120° ~ 120°
	188 - 223	Macro 6 : 0° ~ 90°
	224 - 255	Macro 7 : -90° ~ 0°
3	**TILT macros speed**	
	000 - 007	No action
	008 - 247	TILT macros speed from slow to fast
	248 - 255	Music-sensitive TILT macros
4	**Main dimmer**	
	000 - 007	Black-Out
	008 - 255	Dimmer: 0% - 100%
5	**Strobe**	
	000 - 015	Black-out
	016 - 131	Stroboscope at increasing speed
	132 - 139	Open
	140 - 181	Pulse effect
	182 - 189	Open
	190 - 231	Reversed Pulse effect
	232 - 239	Open
	240 - 247	Random strobe
	248 - 255	Open
6	000 - 255	**LED 1** Dimmer : 0 - 100%
7	000 - 255	**LED 2** Dimmer : 0 - 100%
8	000 - 255	**LED 3** Dimmer: 0 - 100%
9	000 - 255	**LED 4** Dimmer: 0 - 100%
10	000 - 255	**LED 5** Dimmer: 0 - 100%
11	000 - 255	**LED 6** Dimmer: 0 - 100%
12	**LED macros**	
	000 - 007	No action
	008 - 043	LED 1 macro
	044 - 079	LED 2 macro
	080 - 115	LED 3 macro
	116 - 151	LED 4 macro
	152 - 187	LED 5 macro
	188 - 223	LED 6 macro
	224 - 255	Full On
13	**LED macros speed**	
	000 - 007	No action
	008 - 247	TILT macros speed from slow to fast
	248 - 255	Full power

6 - DMX cabling and addressing for each mode

Unit 1   Unit 2   Unit 3   Unit 4
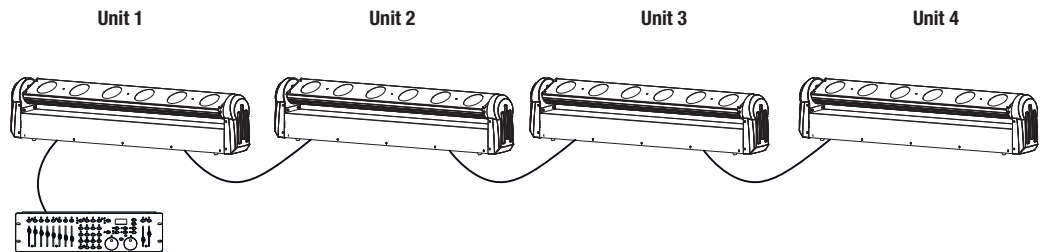
DMX mode	Unit 1 address	Unit 2 address	Unit 3 address	Unit 4 address
1 channel	1	2	3	4
7 channels	1	7	15	22
9 channels	1	10	19	28
13 channels	1	14	27	40

7 - 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 push : **1** : Music-sensitive strobe **2** : Automatic strobe	Show selection: 0 - 14
MODE	Music-sensitive show (LED OFF)	Show (LED ON)