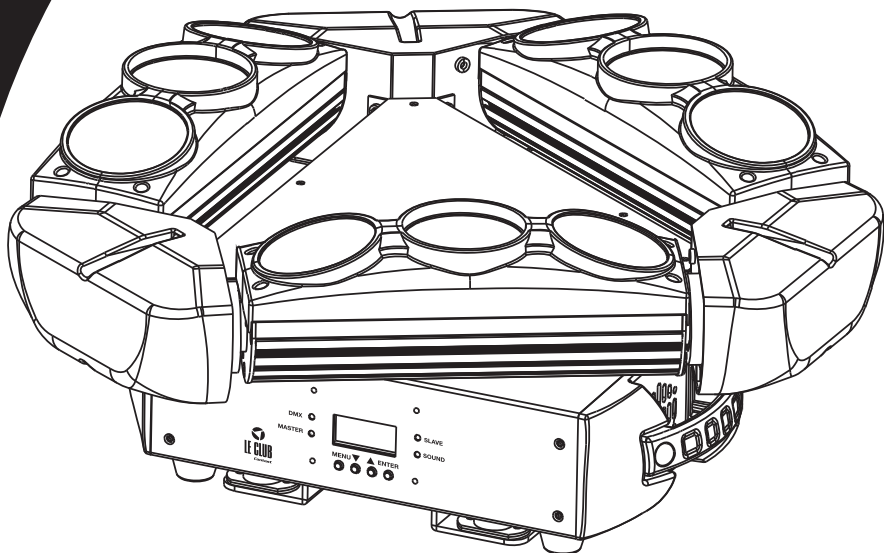




LE CLUB

Contest

3X3 WHITE BEAMS ANIMATION PROJECTOR WITH NON-STOP PAN ROTATION



Heliptic-9x10WH

USER GUIDE

10311 - 1 January 2015 version

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

- › 9x10W 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 pulse effect
- › Adjustable electronic dimmer from 0 - 100%

Contrôles

- › Standard DMX-512
- › 1 / 11 / 16 / 20 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

- › Each lighting bar rotates individually
- › Bar rotation on a 145° angle
- › Non-stop PAN rotation

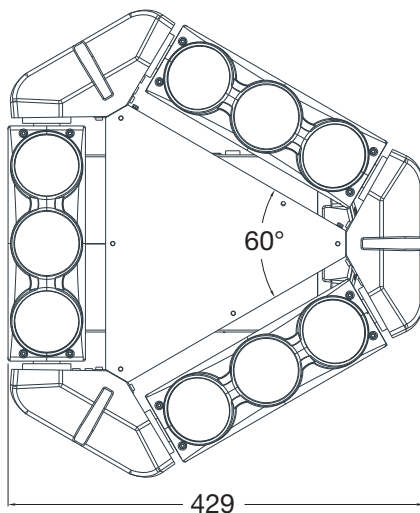
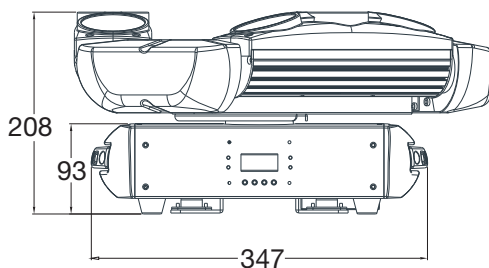
Package contents :

The package must include the following articles:

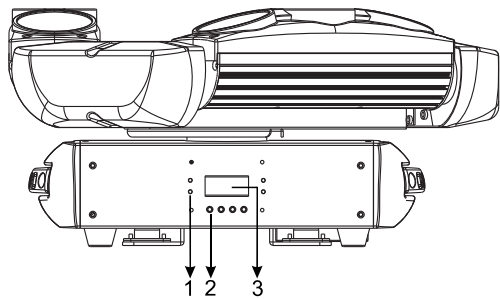
- › The projector
- › The user guide
- › 1x2-pole + earth IEC power cord
- › Two suspension brackets

Additional characteristics

- › Holding brackets with Omega holders
- › Power consumption : 126W max.
- › Power supply : 100/230V - 50/60Hz, AC
- › Dimensions : 429 x 347 x 208 mm
- › Net weight: 10.6 Kg



3 - Rear panel 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.

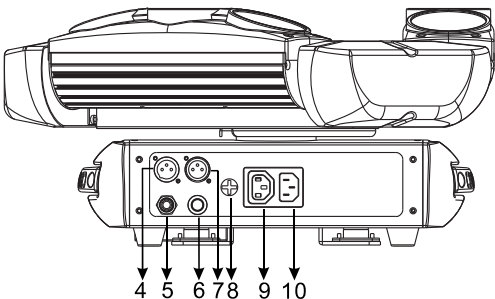
3 Display

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 DMX input

3-pin female XLR plug hardwired as follows :

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



5 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.

6 Microphone

The microphone is used for the music-sensitive modes.

7 DMX output

3-pin male XLR plug hardwired as follows :

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

8 Fuse

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




9 Power output

Allows you to link two projectors together via a Male/Female IEC cord.

10 Power input

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

4 - Internal menu

Once turned on, the moving head will start a position initialisation for each motor. At this stage, the display indicates . Once the initialisation is over, the display will indicate ; 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  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 address with UP and DOWN		Saves changes
Slave Mode	Master 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
Channel Mode	1 Chan	1 channel : Select the pre-programmed sequences: 0 - 15	Press ENTER, mode selection with UP and DOWN. Press MENU for more than 3 seconds to activate the DMX mode.	Saves changes
	11 Chan	11 channels : Non-stop Pan, Pan, Tilt1, Tilt2, Tilt3, Movement macros, Movement macros speed Main dimmer, Strobe, Effect macros, Effect macros speed		
	16 Chan	16 channels : Non-stop Pan, Pan, Tilt1, Tilt2, Tilt3, Main dimmer, Strobe, individual LED dimmers		
	20 Chan	20 channels : Non-stop Pan, Pan, Tilt1, Tilt2, Tilt3, Movement macros, Movement macros speed, Main dimmer, Strobe, individual LED dimmers, Effect macros, Effect macros speed		
Show Mode	Show 0 : : : Show 15	Shows are music-sensitive. Please make sure the music-sensitive mode is activated (Sound State menu). Show 0 starts a 1 - 15 show sequencing.		Saves changes
Dimmer Speed	Fast Smooth	Adjusts the dimmer speed.		Saves changes
Sound State	On Off	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	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

MENU	UP and DOWN	Action	ENTER
Pan Inverse	Normal Inverse	Activates the PAN movement reversion when the Slave and Show modes are activated, or in DMX mode. Press ENTER and select Normal or Reverse with UP and DOWN.	Saves changes
Tilt1 Inverse	Normal Inverse	Activates the bar 1 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
Tilt2 Inverse	Normal Inverse	Activates the bar 2 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
Tilt 3 Invert	Normal Inverse	Activates the bar 3 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
Lamp Inverse	No Yes	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.	Launches the test
Fixture Hours	xxx	Displays the total operating hours since the product was switched on for the first time.	No action
Software Version	A :UX.X Ab:UX.X	Displays the current software versions.	No action
Reset		Resets the device	Resets

4.2 - Initial position settings

After initialising, the moving head is automatically positioned on its original positions.

You can configure this positions as it pleases you.

Enter the DMX Address menu, then press ENTER for more than 3 seconds. You are now accessing the initial position settings.

Pan Offset	000-255	PAN movement initial position settings.
Tilt 1 Offset	-127 +127	TILT 1 movement initial position settings.
Tilt 2 Offset	-127 +127	TILT 2 movement initial position settings.
Tilt 3 Offset	-127 +127	TILT 3 movement initial position settings.

5 - The various DMX modes

Press the MENU button for more than 3 seconds to activate the DMX mode.

5.1 - 1-channel mode

Channels	Values	Action
1	000 - 007	Black-out
	008 - 015	Show 0 automatic
	016 - 030	Show 1 music-sensitive
	031 - 045	Show 2 music-sensitive
	046 - 060	Show 3 music-sensitive
	061 - 075	Show 4 music-sensitive
	076 - 090	Show 5 music-sensitive
	091 - 105	Show 6 music-sensitive
	106 - 120	Show 7 music-sensitive
	121 - 135	Show 8 music-sensitive
	136 - 150	Show 9 music-sensitive
	151 - 165	Show 10 music-sensitive
	166 - 180	Show 11 music-sensitive
	181 - 195	Show 12 music-sensitive
	196 - 210	Show 13 music-sensitive
	211 - 225	Show 14 music-sensitive
	226 - 240	Show 15 music-sensitive
	241 - 255	Show 0 music-sensitive

5.2 - 11-channel mode

Channels	Values	Action
1	Non-stop PAN movements	
	000 - 007	No action
	008 - 132	Fast to slow clockwise rotation
	133 - 140	No rotation
	141 - 255	Slow to fast counterclockwise rotation
2	Non-stop PAN movements	
	000 - 255	PAN movements: 0° - 540 °
3	Bar 1 TILT movements	
	000 - 255	TILT 1 movements: 60° - 150°
4	Bar 2 TILT movements	
	000 - 255	TILT 2 movements: 60° - 150°
5	Bar 3 TILT movements	
	000 - 255	TILT 3 movements: 60° - 150°
6	Movement macros	
	000 - 007	No action
	008 - 022	Macro 1 : Show 1 without light effects
	023 - 037	Macro 2 : Show 2 without light effects
	038 - 052	Macro 3 : Show 3 without light effects
	053 - 067	Macro 4 : Show 4 without light effects
	068 - 082	Macro 5 : Show 5 without light effects
	083 - 097	Macro 6 : Show 6 without light effects
	098 - 112	Macro 7 : Show 7 without light effects
	113 - 127	Macro 8 : Show 8 without light effects
	128 - 142	Macro 9 : Show 9 without light effects
	143 - 157	Macro 10 : Show 10 without light effects
	158 - 172	Macro 11 : Show 11 without light effects
	173 - 187	Macro 12 : Show 12 without light effects
	188 - 202	Macro 13 : Show 14 without light effects
	203 - 217	Macro 14 : Show 14 without light effects
	218 - 232	Macro 15 : Show 15 without light effects
	233 - 255	Macro 16 : Show 0 without light effects

5.2 - 11-channel mode (continuation and end)

7	Movement macros speed	
	000 - 247	Increasing speed
	248 - 255	Music-sensitive mode
8	Main dimmer	
	000 - 007	Black-Out
	008 - 255	Dimmer: 0 - 100%
9	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
10	Effect macros	
	000 - 007	No action
	008 - 021	Macro 1 : Show 1 without movement
	022 - 035	Macro 2 : Show 2 without movement
	036 - 049	Macro 3 : Show 3 without movement
	050 - 063	Macro 4 : Show 4 without movement
	064 - 077	Macro 5 : Show 5 without movement
	078 - 091	Macro 6 : Show 6 without movement
	092 - 105	Macro 7 : Show 7 without movement
	106 - 119	Macro 8 : Show 8 without movement
	120 - 133	Macro 9 : Show 9 without movement
	134 - 147	Macro 10 : Show 10 without movement
	148 - 161	Macro 11 : Show 11 without movement
	162 - 175	Macro 12 : Show 12 without movement
	176 - 189	Macro 13 : Show 14 without movement
	190 - 203	Macro 14 : Show 14 without movement
	204 - 217	Macro 15 : Show 15 without movement
	218 - 231	Macro 16 : Show 0 without movement
	232 - 255	Full power
11	Effect macros speed	
	000 - 247	Increasing speed
	248 - 255	Music-sensitive mode

5.3 - 16-channel mode

Channels	Values	Action
1	Non-stop PAN movement	
	000 - 007	No action
	008 - 132	Fast to slow clockwise rotation
	133 - 140	No rotation
	141 - 255	Slow to fast counterclockwise rotation
2	Non-stop PAN movement	
	000 - 255	Pan movement: 0° - 540°
3	Bar 1 TILT movement	
	000 - 255	TILT 1 movement: 60° - 150°
4	Bar 2 TILT movement	
	000 - 255	TILT 2 movement: 60° - 150°
5	Bar 3 TILT movement	
	000 - 255	TILT 3 movement: 60° - 150°

5.3 - 16-channel mode (continuation and end)

6	Main dimmer	
	000 - 007	Black-Out
	008 - 255	Dimmer: 0 - 100%
7	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
8 ~ 16	Dimmers for each LED	
	000 - 255	Dimmers: 0 - 100%

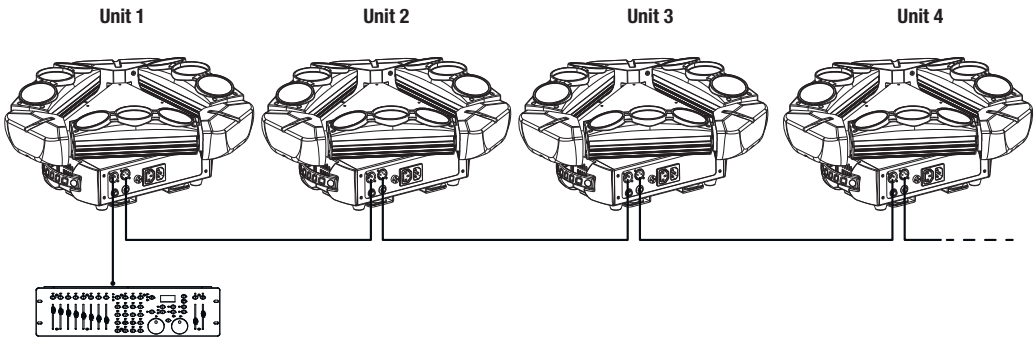
5.4 - 20-channel mode

Channels	Values	Action
1	Non-stop PAN movement	
	000 - 007	No action
	008 - 132	Fast to slow clockwise rotation
	133 - 140	No rotation
	141 - 255	Slow to fast counterclockwise rotation
2	Non-stop PAN movement	
	000 - 255	PAN movements: 0° - 540°
3	Bar 1 TILT movement	
	000 - 255	TILT 1 movements: 60° - 150°
4	Bar 2 TILT movement	
	000 - 255	TILT 2 movements: 60° - 150°
5	Bar 3 TILT movement	
	000 - 255	TILT 3 movements: 60° - 150°
6	Movement macros	
	000 - 007	No action
	008 - 022	Macro 1 : Show 1 without light effects
	023 - 037	Macro 2 : Show 2 without light effects
	038 - 052	Macro 3 : Show 3 without light effects
	053 - 067	Macro 4 : Show 4 without light effects
	068 - 082	Macro 5 : Show 5 without light effects
	083 - 097	Macro 6 : Show 6 without light effects
	098 - 112	Macro 7 : Show 7 without light effects
	113 - 127	Macro 8 : Show 8 without light effects
	128 - 142	Macro 9 : Show 9 without light effects
	143 - 157	Macro 10 : Show 10 without light effects
	158 - 172	Macro 11 : Show 11 without light effects
	173 - 187	Macro 12 : Show 12 without light effects
	188 - 202	Macro 13 : Show 14 without light effects
	203 - 217	Macro 14 : Show 14 without light effects
	218 - 232	Macro 15 : Show 15 without light effects
	233 - 255	Macro 16 : Show 0 without light effects
7	Movement macros speed	
	000 - 247	Increasing speed
	248 - 255	Music-sensitive mode

5.4 - 18-channel mode (continuation and end)

8	Main dimmer	
	000 - 007	Black-Out
	008 - 255	Dimmer: 0 - 100%
9	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
10 ~ 18	Dimmers pour chaque LED	
	000 - 255	Dimmers de 0 à 100%
19	Effect macros	
	000 - 007	No action
	008 - 021	Macro 1 : Show 1 without movement
	022 - 035	Macro 2 : Show 2 without movement
	036 - 049	Macro 3 : Show 3 without movement
	050 - 063	Macro 4 : Show 4 without movement
	064 - 077	Macro 5 : Show 5 without movement
	078 - 091	Macro 6 : Show 6 without movement
	092 - 105	Macro 7 : Show 7 without movement
	106 - 119	Macro 8 : Show 8 without movement
	120 - 133	Macro 9 : Show 9 without movement
	134 - 147	Macro 10 : Show 10 without movement
	148 - 161	Macro 11 : Show 11 without movement
	162 - 175	Macro 12 : Show 12 without movement
	176 - 189	Macro 13 : Show 14 without movement
	190 - 203	Macro 14 : Show 14 without movement
	204 - 217	Macro 15 : Show 15 without movement
	218 - 231	Macro 16 : Show 0 without movement
	232 - 255	Full power
20	Effect macros speed	
	000 - 247	Increasing speed
	248 - 255	Music-sensitive mode

6 - DMX cabling and addressing for each mode

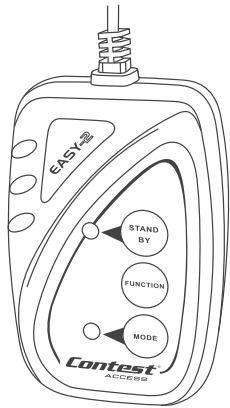


DMX mode	Unit 1 address	Unit 2 address	Unit 3 address	Unit 4 address
1 channel	1	2	3	4
11 channels	1	12	23	34
16 channels	1	17	33	49
20 channels	1	21	41	61

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



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