

IPSPOT 15QC

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.





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 nonventilated 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

These outdoor projectors feature very powerful quadrichromic LEDs producing an incredible brightness and vast colour range. It is perfect for architectural lighting and adapts to all kinds of usage thanks to its many functions. We added the possibility to mix White with regular colours to unclock a whole new pastel colour palette, and more natural, brighter colours.

A remote control and many functions: that is all they need to perfectly adapt to your installation and offer you a vast range of programs and variations.

Their double holding brackets allow you to attach them to a structure, or directly operate them on the ground.

3 - Technical specifications

. Their strenghts:

- Quadrichromic LEDs
- Very bright, with a vast aperture angle
- Natural colours and light
- Manual, music-sensitive, DMX modes, and built-in programs
- Supplied with an infrared remote control
- Infrared sensor (front)
- Power input/output socket

• Functions :

- Built-in command pannel with drop-down display menu allowing you to:
 - Select the DMX addressing
 - Choose from 2-7 channels
 - Select one of the built-in programs
 - Select the built-in colours
 - Use the Master/Slave mode
- The infrared remote control gives you a distant access to all the remote functions.

· Package contents:

- Built-in command pannel with drop-down display menu allowing you to:
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 - Select the built-in colours
 - Use the Master/Slave mode
- The infrared remote control gives you a distant access to all the remote functions.

IPSP0T70C

Optical:

- 7x5 W quadrichromic LEDs 50 000 hours
- Light output: 1007 Lux at 3 m
- Lenses aperture angle: 40°

· Connectors :

- DMX IN and OUT via 3-pin IP plugs,
- POWER IN/OUT via 3-pin IP plugs • Power supply: 100-240V/50-60Hz
- Power consumption: 50 W
- Tightness level: IP65
- Finish : Black
- Dimensions: 250 x 190 x 300 mm
- Weight: 5.2 kg

IPSP0T150C

Optical:

- 15x5W quadrichromic LEDs 50 000 hours
 - Light output: 2360 Lux at 3m
 - Lenses aperture angle: 40°

Connectors :

- DMX IN and OUT via 3-pin IP plugs,
- POWER IN/OUT via 3-pin IP plugs
- Power supply: 100-240V/50-60Hz
- Power consumption: 95 W
- Tightness level: IP65
- Finish : Black
- Dimensions: 285 x 210 x 315 mm
- Weight: 6.2 kg

4 - Optional accessories

• IP68 connectors :

- AIP-FicDMXf Waterproof DMX female connector: 9940
- AIP-FicDMXm Waterproof DMX male connector: 9941
- AIP-FicPOWf Waterproof female power connector: 9942
- AIP-FicPOWm Waterproof male power connector: 9943

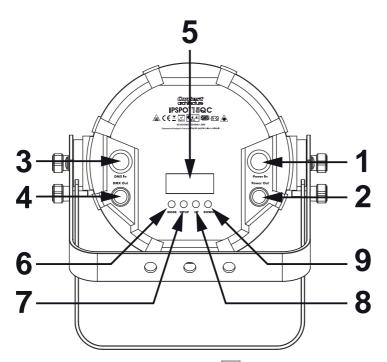
• IP68 end caps :

- AIP-BouDMXf Waterproof female DMX end cap: 9944
- AIP-BouDMXm Waterproof male DMX end cap : 9945
- AIP-BouPOWm Waterproof female power end cap: 9946

• IP68 cords :

- AIP-CorPOW2 2m Waterproof electric connection link: 9948 AIP-CorPOW5 - 5m Waterproof electric connection link: 9949
- AIP-CorDMX2 2m Waterproof DMX connection cabl : 9950
- AIP-CorDMX5 5m Waterproof DMX connection cabl : 9951

5 - Rear panel



1 Power input socket

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 socket

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

Warning: Please make sure you do connect more than 700W of projectors to the same power supply unit.

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 the DMX input socket.

5 Display

Allows you to configure the projector. Please refer to the next paragraph for more details about menus.

6 MODE button

Allows you to enter menus and select functions.

7 SETUP button

Allows you to configure the functions selected with the MODE button.

8 UP button

Press UP to increase the adjustable values or browse submenus.

9 DOWN button

Press DOWN to decrease the adjustable values or browse submenus.

6 - Menus and functions

Press MODE to access menus.

Press MODE to browse through submenus.

Press **SETUP** to configure the selected function.

Simultaneously press **MODE** and **UP** if you want the display to remain lit.

Simultaneously press **MODE** and **DOWN** if you want the display to automatically light off if it remains inactive for more than 20 seconds.

The IPSPOT projectors feature various DMX modes in order to be compatible with many different remote controls and projectors. Use the **MODE** button to select a mode. 13 modes, listed below, are available.

In brief, there are 3 different groups:

- Group 1: Compatible with RGB projectors: the LEDs will never light in white.
- Group 2: Compatible with RGB projectors with possibility to use white colours via the last channel.
- **Group 3**: Compatible with RGBW projectors: the white colour is controlled by the channels following the other colours.

r	Mode	SETUP	UP and DOWN	Action
	ted		ICH2	2 channels : Macros and Dimmer
	ctiva 1		ICH3	3 channels : R, G and B
	ith deac white Group 1		ICH4	4 channels : R, G, B and Dimmer/Strobe
	DMX with deactivated white Group 1		ICHS	5 channels : R, G, B, Dimmer and Strobe
	DM		ICH6	6 channels : R, G, B, Dimmer, Strobe/Speed and Macros
,,	te after s 2		2CH2	2 channels : Macros and Dimmer
ODES			2CH4	4 channels : R, G, B and W
DMX MODES	DMX with white functions Group 2		2CHS	5 channels : R, G, B, Dimmer/Strobe and W
6	X wit		2CH6	6 channels : R, G, B, Dimmer, Strobe and W
	DN		2CH7	7 channels : R, G, B, Dimmer, Strobe/Speed/Sensitivity, Macros and W
	th fore Sc 3		3CHS	5 channels : R, G, B, W and Dimmer/Strobe
	DMX with white before functions Group 3	gono	3CH6	6 channels : R, G, B, W, Dimmer and Strobe
	whit fur		<u>30H7</u>	7 channels : R, G, B, W, Dimmer, Strobe/Speed/Sensitivity and Macros
		Address	<u>d00 1</u> <u>d5 12</u>	DMX address settings

		PLR4 SEOP	Starts the user program
		E. D 1 E99	Allows you to set the duration of the user program
Playing user programs	USEr	Fd00 Fd99	Configures the fade out time of every step of the program
		F5.00 F5.99	Allows you to set the flash rate of every step of the program
		d000 d255	Allows you to configure the max output (dimmer) of every step of the program
		5C.0 1 (5C.20)	Allows you to configure the number of steps of your user program. 20 steps max.
		SEO 1 SE20	Selects the steps you want to create/modify
Editing user programs	Ed.IE	r.000 r.255	Red level settings for the selected step
		GDDD G255	Green level settings for the selected step
		6.000 6.255	Blue level settings for the selected step
Infrared remote control			Activates or deactivates the use of an infrared remote control to control the projector.
	Mode RGBW colours	h000 h255	White level settings for the selected step
Fixed colour and sequences	Mode RGBW strobe	F500 F599	RGBW mode: Strobe speed : F5.00 = no strobe ; F5.99 = Max speed
	Mode RGBW speed	2P.O 1 2P.99	RGBW mode: Steps sequencing speed settings and crossfades
		r,000 [r,255]	Red from 0 - 100%
		G000 G255	Green from 0 - 100%
RGBW dimmer		6,000 [6,255]	Blue from 0 - 100%
		h.000 [h.255]	White from 0 - 100%
	Strobe	F500 F599	Strobe speed : F5.00 = no strobe ; F5.99 = Max speed
Auto mode		RUFO	Activates the auto mode
Auto mode	Strobe	F500 F599	Strobe speed : F5.00 = no strobe ; F5.99 = Max speed
Slave mode		SLAU	Activates the slave mode
			I .

Note:

- The DMX mode choice does not require particular settings as you can only parameter the DMX address in this mode.
- In auto mode, you can only adjust the strobe speed.

7 - The various DMX modes

6.1 - 2-channel pure RGB (without white) = \[\(\frac{1}{2} \rightarrow \]

	CHANNEL 1	CHANNEL 2		
DMX values	Effects	DMX values	Effects	
000 - 015	Off			
016 - 030	Red			
031 - 045	Orange			
046 - 060	Yellow			
061 - 075	Green			
076 - 090	Cyan	000 - 255	Dimmer: 0 - 100%	
091 - 105	Blue			
106 - 120	Pink			
121 - 135	Magenta			
136 - 150	Cool white (6000°K)			
151 - 165	Warm white (3200°K)			
166 - 180	Macro 1 : All colours sequencing			
181 - 195	Macro 2 : Green to White crossfade			
196 - 210	Macro 3 : Orange to Red crossfade	000 - 255	Speed: 0 - 100%	
211 - 225	Macro 4 : Magenta to Cyan crossfade			
226 - 240	Macro 5 : Warm white to Cool white crossfade			
241 - 255	No function			

7.2 - 3-channel pure RGB (without white) = $\frac{1}{1}$

	DMX values	Effects		
CHANNEL 1	000 - 255	Red from 0 - 100%		
CHANNEL 2	000 - 255	Green from 0 - 100%		
CHANNEL 3	000 - 255	Blue from 0 - 100%		

7.3 - 4-channel pure RGB (without white) = $\frac{1}{1}$

	DMX values	Effects
CHANNEL 1	000 - 255	Red from 0 - 100%
CHANNEL 2	000 - 255	Green from 0 - 100%
CHANNEL 3	000 - 255	Blue from 0 - 100%
	000 - 189	Main dimmer from 0 - 100%
CHANNEL 4	190 - 250	Slow to fast strobe
	251 - 255	Full power

7.4 - 4-channel pure RGB (without white) = $\square\square\square$

	DMX values	Effects	
CHANNEL 1	000 - 255	Red from 0 - 100%	
CHANNEL 2	000 - 255	Green from 0 - 100%	
CHANNEL 3	000 - 255	Blue from 0 - 100%	
CHANNEL 4	000 - 255	Main dimmer from 0 - 100%	
CHANNEL 5	000	No strobe	
CHANNEL 5	001 - 255	Slow to fast strobe	

7.5 - 6-channel pure RVB without white) = 15 H

CH 6		CH 5	CH 4	CH 3	CH 2	CH 1
DMX values	Function					
000 - 015	Black-out				Green (000 - 255) From 0 - 100%	Red (000 - 255) From 0 - 100%
016 - 030	Red					
031 - 045	Orange					
046 - 050	Yellow	. 015) 55) Ist				
061 - 075	Green	No function (000 - 015) Strobe (016 - 255) from slow to fast				
076 - 090	076 - 090 Cyan					
091 - 105	Blue	No fr St				
106 - 120	Pink	<u> </u>	L C	LC LC	L O	
121 - 135	Magenta		0 - 25	No function	No function	No function
136 - 150	Cool white (6000°K)		ner (00	2 Z		
151 - 165	Warm white(3000°K)		Main dimmer (000 - 255) From 0 to 100%			
166 - 180	Macro 1		Mair			
181 - 195	181 - 195 Macro 2					
196- 210	Macro 3	Speed (000 - 255) from slow to fast				
211 - 225	Macro 4	Speec from 8				
226 - 240	Macro 5					
241 - 255	No function	No function (000 - 015) Strobe (016 - 255) from slow to fast		Blue (000 - 255) From 0 - 100%	Green (000 - 255) From 0 - 100%	Red (000 - 255) From 0 - 100%

7.6 - 2-channel RGB with white (compatible with pure RGB) = $\boxed{2 - H2}$

	CHANNEL 1	CHANNEL 2		
DMX values	Effects	DMX values	Effects	
000 - 007	Off			
008 - 015	Red			
016 - 023	Orange			
024 - 030	Yellow			
031 - 038	Green			
039 - 045	Cyan			
046 - 053	Blue			
054 - 060	Pink			
061 - 068	Magenta			
069 - 075	Cool white (6000°K)			
076 - 083	Warm white (3200°K)			
084 - 090	Full power			
091 - 098	Light Pink	000 - 255	Dimmer from 0 - 100%	
099 - 105	Light Apricot			
106 - 113	Light Ocre			
114 - 120	Greenish Yellow			
121 - 128	Green Pearl			
129 - 135	Grey Pearl			
136 - 143	Pearl			
144 - 150	Blue Pearl			
151 - 158	Green Veronese			
159 - 165	Blue Lagon			
166 - 173	Sky Blue			
174 - 180	Light Blue			
181 - 188	Cerulean Blue			
189 - 195	Macro 1 : All RGB colours sequencing			
196 - 203	Macro 2 : All RGBW colours sequencing			
204 - 210	Macro 3 : Crossfade 1			
211 - 218 Macro 4 : Crossfade 2		000 - 255	Speed from 0 - 100%	
219 - 225	Macro 5 : Crossfade 3			
226 - 233	Macro 6 : Crossfade 4			
234 - 240	Macro 7 : Crossfade 5			
241 - 255	No function			

7.7 - 4-channel RGBW = 2:44

	DMX values	Effect
CHANNEL 1	000 - 255	Red from 0 - 100%
CHANNEL 2	000 - 255	Green from 0 - 100%
CHANNEL 3	000 - 255	Blue from 0 - 100%
CHANNEL 4	000 - 255	White from 0 - 100%

7.8 - 5-channel RGBW (compatible with pure RGB) = $\boxed{2CH5}$

	DMX values	Effect
CHANNEL 1	000 - 255	Red from 0 - 100%
CHANNEL 2	000 - 255	Green from 0 - 100%
CHANNEL 3	000 - 255	Blue from 0 - 100%
	000 - 189	Main dimmer from 0 - 100%
CHANNEL 4	190 - 250	Slow to fast strobe
	251 - 255	Full power
CHANNEL 5	000 - 255	White from 0 - 100%

	DMX values	Effect
CHANNEL 1	000 - 255	Red from 0 - 100%
CHANNEL 2	000 - 255	Green from 0 - 100%
CHANNEL 3	000 - 255	Blue from 0 - 100%
CHANNEL 4	000 - 255	Dimmer from 0 - 100%
CHANNEL 5	000	No strobe
CHANNEL 5	001 - 255	Slow to fast strobe
CHANNEL 6	000 - 255	White from 0 - 100%

7.10 - 7-channel RGBW (compatible with pure RGB) = $\boxed{2CH}$

CH 7		CH 6	CH 5	CH 4	CH 3	CH 2	CH 1
	DMX values	Function					
White (000 - 255) From 0 - 100%	000 - 007	Off			Blue (000 - 255) From 0 - 100%	Green (000 - 255) From 0 - 100%	Red (000 - 255) From 0 - 100%
	008 - 015	Red					
	016 - 023	Orange					
	024 - 030	Yellow					
	031 - 038	Green					
	039 - 045	Cyan					
	046 - 053	Blue					
	054 - 060	Pink					
	061 - 068	Magenta	015 St 35				
	069 - 075	Cool white (6000°K)	o function (000 - 01 Strobe (016 - 255) From slow to fast				
	076 - 083	Warm white (3200°K)	6 6 (0				No function
	084 - 090	Full power	ion (6)		No function	No function	
	091 - 098	Light Pink	obe				
	099 - 105	Light Apricot	No function (000 - 015) Strobe (016 - 255) From slow to fast				
		Light Ocre	Ž	_			
	114 - 120	Greenish Yellow		Main dimmer (000 - 255) From 0 - 100%			
	121 - 128	Green Pearl					
	129 - 135	Grey Pearl					
O	136 - 143	Pearl					
ncti	144 - 150	Blue Pearl					
<u>ō</u>	151 - 158	Green Veronese					
Pas de fonction	159 - 165	Blue Lagon					
Рая	166 - 173	Sky Blue					
	174 - 180	Light Blue					
	181 - 188	Cerulean Blue					
	189 - 195	Macro 1 : All RGB colours sequencing					
	196 - 203	Macro 2 : All RGBW colours sequencing	Speed (000 - 255) From slow to fast				
	204 - 210	Macro 3 : Crossfade 1	, to				
	211 - 218	Macro 4 : Crossfade 2	d (00				
	219 - 225	Macro 5 : Crossfade 3	om om				
	226 - 233	Macro 6 : Crossfade 4	Ŗ _Ŀ				
	234 - 240	Macro 7 : Crossfade 5					
	241 - 255	No function	No function (000 - 015) Strobe (016 - 255) From slow to fast		Blue (000 - 255) From 0 - 100%	Green (000 - 255) From 0 - 100%	Red (000 - 255) From 0 - 100%

7.11 - 5-channel RGBW = $\boxed{3CHS}$

	DMX values	Effect	
CHANNEL 1	000 - 255 Red from 0 - 100%		
CHANNEL 2	000 - 255	000 - 255 Green from 0 - 100%	
CHANNEL 3	000 - 255 Blue from 0 - 100%		
	000 - 255	White from 0 - 100%	
CHANNEL 4	000 - 189	Main dimmer from 0 - 100%	
	190 - 250	Slow to fast strobe	
CHANNEL 5	251 - 255	Full power	

7.12 - 6-channel RGBW = <u>∃£</u>H<u></u>5

	DMX values	Effect
CHANNEL 1	000 - 255	Red from 0 - 100%
CHANNEL 2	000 - 255	Green from 0 - 100%
CHANNEL 3	3 000 - 255 Blue from 0 - 100%	
CHANNEL 4	000 - 255 Dimmer from 0 - 100%	
CHANNEL 5	000 - 255	No strobe
CHANNEL 5	000	Slow to fast strobe
CHANNEL 6	001 - 255	White from 0 - 100%

7.13 - 7-channel RGBW= <u>∃[H]</u>

CH 7		CH 6	CH 5	CH 4	CH 3	CH 2	CH 1
DMX values	Function						
000 - 007	Off			White (000 - 255) From 0 - 100%	Blue (000 - 255) From 0 - 100%	Green (000 - 255) From 0 - 100%	Red (000 - 255) From 0 - 100%
008 - 015	Red						
016 - 023	Orange						
024 - 030	Yellow						
031 - 038	Green						
039 - 045	Cyan						
046 - 053	Blue						
054 - 060	Pink	15)					
061 - 068	Magenta	-0- 255 ast					
069 - 075 076 - 083	Cool white (6000°K) Warm white (3200°K)	No function (000 - 015) Strobe (016 - 255) From slow to fast					
076 - 083	Full power	0 n (0					
091 - 098	Light Pink	ctio 3e (1 sk					
091 - 098	Light Apricot	func tor					
106 - 113	Light Ocre	ੈ ਨ ਜ					
114 - 120	Greenish Yellow	2		<u> </u>	Ę	Ę	5
121 - 128	Green Pearl		255	No function	No function	No function	No function
129 - 135	Grey Pearl		<u>'</u>	ļ ģ	Į,	Į į	Į į
136 - 143	Pearl		8 %	2	2	2	2
144 - 150	Blue Pearl		Main dimmer (000 - 255) From 0 - 100%		_	_	_
151 - 158	Green Veronese		ي 0 c				
159 - 165	Blue Lagon		ij j				
166 - 173	Sky Blue		ᄩ				
174 - 180	Light Blue		Ĕ				
181 - 188	Cerulean Blue						
189 - 195	Macro 1 : All RGB						
196 - 203	colours sequencing Macro 2 : All RGBW colours sequencing	Speed (000 - 255) From slow to fast					
204 - 210	Macro 3 : Crossfade 1	8 ≷ ₹ 8					
211 - 218	Macro 4 : Crossfade 2	<u>o</u> 0					
219 - 225	Macro 5 : Crossfade 3	eed Sm					
226 - 233	Macro 6 : Crossfade 4	Sp					
234 - 240	Macro 7 : Crossfade 5						
241 - 255	No function	No function (000 - 015) Strobe (016 - 255) From slow to fast		White (000 - 255) From 0 - 100%	Blue (000 - 255) From 0 - 100%	Green (000 - 255) From 0 - 100%	Red (000 - 255) From 0 - 100%

8 - Infrared remote control

The infrared remote control supplied with the projectors allows you to remotely control all their functions. The infrared sensor is located at the front, between the LEDs.

Note: The remote control can even be used when the projector is in DMX mode.

The display always indicate the status of your projector.

- 1 Black-out button: Turns the projectors ON or OFF.
- 2 SELECT PROG button: Allows you to launch the built-in programs or to select the fixed colours. 4 different modes are available, each pressure switches from one mode to another.

Please keep in mind: The colours and programs available with SELECT PROG depends on the DMX mode: pure RGB or RGBW. The colours and programs differ from one mode to the other. Please refer to pages 6 to 14 for more details about choosing a DMX mode.

Choose a DMX mode before using the SELECT PROG button.

1 st pressure	Red LEDs flashing: Fixed colours, step programs and crossfades selection with the 1 to 9 buttons, and with the + and - buttons. Strobe speed settings with the Flash button then with the + and - buttons. Programs speed settings with the SPEED button and the + and - buttons.
2 nd pressure	Blue LEDs flashing: Automatic mode. Strobe speed settings with the Flash button then with the + and - buttons. Programs speed settings with the SPEED button and the + and - buttons.

- 3 FLASH button: Activates or deactivates the Flash mode. Increase or decrease the flash speed with the and + remote control buttons
- 4 SPEED button: Allows you to configure the Step and Crossfade programs speed. Increase or decrease their speed with the and + remote control buttons.
- 6 DMX mode selection DMX MODE button

There is 13 DMX modes.

Before controlling your projector with a DMX controller, you will need to select a DMX mode;

To do so, press the DMX MODE button then use the + and - to switch from one mode to another:

LEDs on	Mode
Red	1CH2
Green	1CH3
Blue	1CH4
White	1CH5
Red and Green	1CH6
Red and Blue	2CH2
Red and White	2CH4

LEDs on	Mode
Green and Blue	2CH5
Green and White	2CH6
Blue and White	2CH7
Red, Green and Blue	3CH5
Red, Green and White	3CH6
Red, Blue and White	3CH7

7 - SET ADDR buttons and 0, 1, 2, 3, 4, 5, 6, 7, 8 and 9: Allows you to configure your projectors DMX address.

For instance, if you want to configure the address 245:

- Press SET ADDR, all the LEDs are flashing to indicate the process beginning.
- Press 2, the green LEDs of your projectors lit up to indicate the hundreds digit has been saved.
- Press 4, the blue LEDs of your projector lit up to indicate the tenths digit has been saved.
- Then press 5. All the LEDs will flash to confirm you the address has been saved properly.

Note: For values with 1 or 2 digits, you will need to write down the 0. This means for the address 5, you need to enter 0.0 and 5.

8 - R,G,B and W buttons: Adjust the colours brightness, R for Red, G for Green, B for blue, W for white. Increase or decrease the brightness with the + and - remote control buttons.

The A (amber) button is not used with these projectors.

