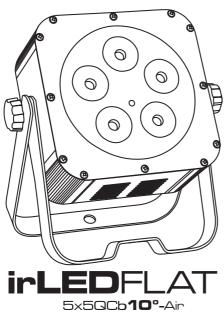
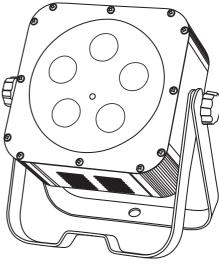
Contest[®] (A)











USER GUIDE 10527 / 10524 - Jully 2016 Version 1.0

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 been operated in a closed non-ventilated area such as a flight case or a rack, unless cooling vents are provided for the purpose. 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.

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.

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 yents are not obstructed).

Do not operate this product in a non-ventilated, very humid or warm place.

2 - Introduction

Long range wireless DMX transmitter and receiver. Air-Box and AirLED compatible.

These projectors is equipped with 'super-powerful RGBW LEDs with high-performance individual lenses.

In addition to primary colours (such as blue, red, green...) the white shades and Amber create warm and brightful colours. On top of that, UV light is used to enhance white shades, turning them into an intense phoshorescent white. And when UV light is added to stronger colours it emphasizes their contrast, deepen their shade and you obtain a whole new palette of exclusive colours.

The irLEDFLAT QC projectors are supplied with an infrared remote control to access colour control, built-in programs, DMX settings and a lot more.

It also has a new double mounting bracket revolutionising ground handling. Thanks to the automatic abutment point, tightening the projector is independent from the mounting bracket blocking. You can now manipulate and adjust the projector with an optimal stability.

3 - Technical specifications

• Their strengths:

- 4-in-1 LEDs
- Brightness
- Natural colours and light
- Wireless airDMX transmitter and receiver integrated
- Manual, music-sensitive and DMX modes, customisable user programs
- Remote control supplied
- Infrared sensor (front) + infrared repeater system with 1m cable
- Power input/output

• Functions:

- AirDMX:
 - Wireless air DMX transmitter en receiver
 - 100 m average range in open area
 - 2.4 GHz frequency band
 - AirBox-ER1 compatible

- Built-in command panel with digital drop-down display for:
 - DMX addressing
 - Choosing the number of channels: 2-7
 - Choosing the built-in programs
 - Choosing the preset colours
 - Master/slave mode
 - Music-sensitive mode and choosing the mic sensitivity
 - Edit and play your own 20-step program
 - General dimmer to adjust the brightness of the fixed colours, macros and user program
 - Infrared remote control giving you access to every remote function

• Package contents:

The package must contain the following products:

- A projector
- A user guide
- A double mounting bracket
- An infrared remote control
- A 2-pole + earth power cord
- An infrared repeater system with 1m cable

irLEDFLAT-5x5QCb-Air

• Optical:

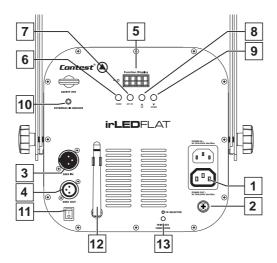
- 5x5W 4-in-1 LEDs 50.000 hours (average)
- Beamwidth : 40°
- Connectors:
 - DMX IN and OUT via 3-pin XLR,
 - POWER IN/OUT via an IEC socket
- Power supply: 110/240 V 50/60 Hz
- Power consumption: 30 W
- Finish: Black
- Dimensions: 240 x 110 x 265 mm
- Weight: 2.8 kg

irLEDFLAT-5x5QCb10°-Air

Optical

- 5x5W 4-in-1 LEDs 50.000 hours (average)
- Beamwidth: 10°
- Connectors:
 - DMX IN and OUT via 3-pin XLR, $\,$
 - POWER IN/OUT via an IEC socket
- Power supply: 110/240 V 50/60 Hz
- Power consumption: 30 W
- Finish: Black
- Dimensions: 240 x 110 x 265 mm
- Weight: 2.8 kg

4 - Description



1 Power input/output socket

Allows you to connect the projector to an electrical outlet and to link several projectors together via a Male/Female IEC cord. Please make sure the voltage is in adequation with the product indications.

Caution: Do NOT go over 700W on the same power source.

2 Fuse

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

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 follows:

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

5 Display

This intuitive display allows you to configure your projector. Please refer to the next paragraphs for more details about the projector configuration.

6 MODE button

Allows you to access menus and select a function.

Page 4

7 SETUP button

Allows you to configure the parameters of the functions chosen with the MODE button.

8 UP button

Press UP to increase the adjustable values or browse the sub-menus.

9 Touche DOWN

Press DOWN to decrease the adjustable values or browse the sub-menus.

10 Infrared receiver input

This Jack 3.5 plug allows you to connect the infrared repeater system.

This receiver can be used when the front sensor of the projector is too far to receive the remote control commands.

11 Wifi switch

Allows you to switch on or off the wireless DMX module

12 Wifi antenna

The antenna can be oriented to get better range

13 Wireless DMX module

The button allows to select the WIFI channel.

7 channels are available. The LED WIRELESS INDICATOR has a different colour for each channel. Refer to paragraph 5 for more details.

5 - Installation

The WiFi transmission system allows you to synchronise several units without using any DMX cable.

You can synchronise several units by using the master/slave mode or like any regular DMX daisy-chaining installation. The units must use the same communication channel to be synchronised. To do so, use the ID SELECTOR button and choose one of the 7 available channels. The LED WIRELESS INDICATOR will light on with a different colour for each channel.

You will find below the channels and their corresponding colour:

Channel 1	Channel 2	Channel 3	Channel 4	Channel 5	Channel 6	Channel 7
Red	Green	Yellow	Blue	Purple	Cyan	White

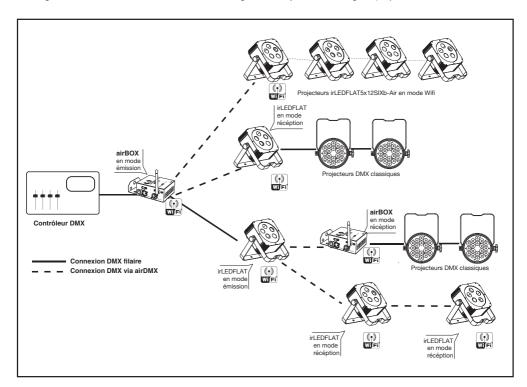
The LED WIRELESS INDICATOR has 3 different status when the units are communicating:

- 1 LED constantly on : No DMX or WiFi signal.
- 2 LED flashing in red: The projector is currently transmitting a signal.
- 3 LED flashing in green : The projector is currently receiving a signal.

Note: The unit transmitting a DMX signal is in transmission mode.

Operating principle

The figure below describes an installation combining wireless systems with regular projectors.



Note: The airBOX is transmitter receiver box using the same technology as the irLEDFLAT-Air.

6 - Menus and functions

Access the internal menu by pressing MODE.

To access a submenu, press MODE again.

Press SETUP to configure the selected function.

Simultaneously press MODE and UP if you want the display to stay lit all the time.

If you want the display to lit off when the menu remains inactive for more than 20 seconds, press simultaneously MODE and DOWN.

The irLEDFLAT PAR projectors feature several DMX modes to be fully compatible with different remote controls and projectors. Use the MODE button the choose a DMX mode. They are listed in the table below. In brief, 3 «groups» are available:

- Group 1: Compatible with RGB projectors: LEDs will not use white.
- Group 2: Compatible with RGB projectors and white: The white colour can be used via the last channel.
- Group 3: Compatible with RGBW projectors: White is after RGB colours.

N	Mode	SETUP	UP and DOWN	Action
	a a		ICH2	2 channels : macros and dimmer
	t whi		ICH3	3 channels : R, G and B
	without Group 1		ICHY	4 channels : R, G, B and Dimmer/Strobe
	DMX without white Group 1		ICHS	5 channels : R, G, B, Dimmer and Strobe
	□		ICH6	6 channels : R, G, B, Dimmer, Strobe/Speed and Macros
,,	- D		2CH2	2 channels : Macros and Dimmer
ODES	te after s 2		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
۵	X with	× with	2CH6	6 channels : R, G, B, Dimmer, Strobe and W
	MO		2CH7	7 channels : R, G, B, Dimmer, Strobe/Vitesse/Sensibilité, Macros et W
	th ore ડા	- 6 % m 3CHS		5 channels : R, G, B, W and Dimmer/Strobe
	DMX with white before functions Group 3	IX will carried on be for the carried on be	3CH6	6 channels : R, G, B, W, Dimmer and Strobe
			3CH7	7 channels : R, G, B, W, Dimmer, Strobe/Vitesse/Sensitivity and Macros
		Adresse	d00 1 d5 l2	DMX address settings

	RGB Mode Colours	IC.O 1 IC. 15	RGB mode: 1-10 colour selection, colour programs, and 4 colour programs with crossfade
	RGB Mode Strobe	F500 F599	RGB mode: Strobe speed : FS.00 = No strobe ; FS.99 = Full speed
	RGB Mode Speed	IPO 1 IP99	RGB mode: step programs speed and crossfade speeds
Fixed colours and sequences	RGB Mode Colours	201 2031	RGB mode: 1-24 colour selection, colour programs, 4 colour step programs and 5 colour programs with crossfade
	RGBW Mode Strobe	F500 F599	RGBW mode: Strobe speed : FS.00 = No strobe ; FS.99 = Full speed
	RGBW Mode Speed	2P.O 1 2P.99	RGBW mode: step programs speed and crossfade speeds
General Dimmer	d 100 d000		This Dimmer concerns COLOR, MACROS, DIMMERS RVBWAUV and USER modes. This dimmer is deactivated in DMX mode. The default value is 100%
		r.000 r.255	Red: 0 - 100%
		G000 G255	Green: 0 - 100%
Dimmer RVBW		6000 6255	Blue: 0 - 100%
		h000 h255	White: 0 - 100%
	Strobe	F500 F599	Strobe speed : FS.00 = No strobe ; FS.99 = Full speed
Auto mode		RUFO	Activates the automatic mode
Auto mode	Strobe	F500 F599	Strobe speed : FS.00 = No strobe ; FS.99 = Full speed
Music-sensitive mode	Sensitivity	SUOO (SU3 1	SU.00 = min sensitivity ; SU.31 = max sensitivity
Slave mode		SL.Ru	Activates the slave mode

Note:

- Choosing a DMX mode does not require specific settings as only the DMX address can be configured in this mode.
- In automatic mode, you can only configure the strobe speed.

7 - The various DMX modes

7.1 - 2-channel mode= Pure RGB (no white) = \[\frac{\pi_\top}{\pi_\top} \]

	CHANNEL 1	CI	HANNEL 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 sequence		
181 - 195	Macro 2 : Green to Blue crossfade		
196 - 210	Macro 3 : Orange to Red crossfade	000 - 255	Speed: 0 - 100%
211 - 225	Macro 4 : Magenta to Cyan crossfade	一	
226 - 240	Macro 5 : Warm White to Cool White crossfade		
241 - 255	Music-sensitive colour macro	000 - 255	Mic sensitivity

7.2 - 3-channel mode= Pure RGB (no white) = 1.2 - 3

	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 mode= Pure RGB (no white) = 15-14-1

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

7.4 - 5-channel mode= Pure RGB (no white) = ICHS

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

7.5 - 6-channel mode= Pure RGB (no white)= ILHS

	CHANNEL 6		CHAN. 4	CHAN. 3	CHAN. 2	CHAN. 1	
DMX values	Function						
000 - 015	Black-out			Blue (000 - 255) From 0-100%	Green (000 - 255) From 0-100%	Red (000 - 255) From 0-100%	
016 - 030	Red						
031 - 045	Orange						
046 - 050	Yellow	. 015) 55) ast					
061 - 075	Green	No function (000 - 015) Strobe (016 - 255) From slow to fast					
076 - 090	Cyan	inction obe (Controlon)					
091 - 105	Blue		Str Str Pr				
106 - 120	Pink		255)				
121 - 135	Magenta		Main dimmer (000 - 255) From 0-100%				
136 - 150	Cool white (6000°K)			mmer om 0-1	tion	tion	tion
151 - 165	Warm white (3000°K)		lain di	No function	No function	No function	
166 - 180	Macro 1		_ ≥	Z	Z	Ž	
181 - 195	Macro 2	- 255) 5 fast					
196- 210	Macro 3	1 (000 slow to					
211 - 225	Macro 4	Speed (000 - 255) From slow to fast					
226 - 240	Macro 5						
241 - 255	Music-sensitive sequence	Mic sensitivity (000 - 255)					

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

	CHANNEL 1	С	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: 0-100%		
099 - 105	Light Apricot				
106 - 113	Light Ocre				
114 - 120	Yellow-Green				
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 sequence				
196 - 203	Macro 2 : All RGBW colours sequence				
204 - 210	Macro 3 : Crossfade 1				
211 - 218	Macro 4 : Crossfade 2	000 - 255 Speed: 0-100%			
219 - 225	Macro 5 : Crossfade 3				
226 - 233	Macro 6 : Crossfade 4				
234 - 240	Macro 6 : Crossfade 5				
241 - 248	Music-sensitive colour macro 1 : RGB	000 - 255	Mio consitivity		
249 - 255	Music-sensitive colour macro 2 : RGBW	000 - 255	Mic sensitivity		

7.7 - 4-channel mode = RGBW = $\boxed{2 \cdot H \cdot H}$

	DMX values	Effects
CHANNEL1	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 mode= RGBW with white (Pure RGB compatible) = $\boxed{2CHS}$

	DMX values	Effects
CHANNEL1	000 - 255	Red from 0 - 100%
CHANNEL 2	000 - 255	Green from 0 - 100%
CHANNEL 3	000 - 255	Blue from 0 - 100%
	000 - 189	Dimmer: 0-100%
CHANNEL 4	190 - 250	Slow to fast strobe
	251 - 255	Full power
CHANNEL 5	000 - 255	White from 0 - 100%

7.9 - 6-channel mode= RGBW with white (Pure RGB compatible) = $\boxed{2 - H_0}$

	DMX values	Effects
CANAL 1	000 - 255	Rouge de 0 à 100%
CANAL 2	000 - 255	Vert de 0 à 100%
CANAL 3	000 - 255	Bleu de 0 à 100%
CANAL 4	000 - 255	Dimmer: 0-100%
CANAL 5	000	No strobe
	001 - 255	Slow to fast strobe
CANAL 6	000 - 255	White from 0 - 100%

7.10 - 7-channel mode= RGBW with white (Pure RGB compatible) = $\boxed{2 - H}$

CHANNEL 7		CHANNEL 6	CHANNEL 5	CHANNEL 4	CHANNEL 3	CHANNEL 2	CHANNEL 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			No function		No function
	016 - 023	Orange					
	024 - 030	Yellow					
	031 - 038	Green					
	039 - 045	Cyan					
	046 - 053	Blue					
	054 - 060	Pink					
	061 - 068	Magenta	2			No function	
	069 - 075	Cool White (6000°K)	- 01 255) ast				
	076 - 083	Warm white (3200°K)	200 €				
	084 - 090	Full power	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				
	091 - 098	Light Pink	No function (000 - 015) Strobe (016 - 255) From slow to fast	Main dimmer (000 - 255) From 0-100%			
	099 - 105	Light Apricot					
	106 - 113	Light Ocre					
	114 - 120	Yellow-Green					
Ę	121 - 128	Green Pearl					
No function	129 - 135	Grey Pearl					
o fur	136 - 143	Pearl					
ž	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	Speed(000 - 255) From slow to fast				
	196 - 203	colours sequence Macro 2 : All RGBW					
	204 - 210	colours sequence Macro 3 : Crossfade 1					
	211 - 218	Macro 4 : Crossfade 2					
	219 - 225	Macro 5 : Crossfade 3					
	226 - 233	Macro 6 : Crossfade 4					
	234 - 240	Macro 6 : Crossfade 5					
	241 - 248	Music-sensitive colour	NA:-				
	241 - 248	macro 1 : RGB Music-sensitive colour macro 2 : RGBW	Mic sensitivity (000 - 255)				

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

	Valeur DMX	Effet
CHANNEL1	000 - 255	Red from 0 - 100%
CHANNEL 2	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: 0-100%
	190 - 250	Slow to fast strobe
CHANNEL 5	251 - 255	Full power

7.12 - 6-channel mode= RGBW = $\boxed{3CH5}$

	Valeur DMX	Effet
CHANNEL1	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%
CHANNEL 5	000 - 255	Dimmer: 0-100%
CHANNEL 6	000	No strobe
CHANNEL 6	001 - 255	Slow to fast strobe

7.13 - 7-channel mode= RGBW = $\boxed{\exists \Box H \ 7}$

CHAN.7	CHANNEL 6		CHANNEL 5	CHANNEL 4	CHANNEL 3	CHANNEL 2	CHANNEL 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						
061 - 068	Magenta	(2)					
069 - 075	Cool White (6000°K)	No function (000 - 015) Strobe (016 - 255) From slow to fast					
076 - 083	Warm white (3200°K)	o function (000 - 01 Strobe (016 - 255) From slow to fast					
084 - 090	Full power	0 (0					
091 - 098	Light Pink	nctic obe					
099 - 105	Light Apricot	o fu Str Fre	55)				
106 - 113	Light Ocre	Z	- ' %				
114 - 120	Yellow-Green		000				
121 - 128	Green Pearl		ner (L C		Ę	
129 - 135	Grey Pearl		Main dimmer (000 - 255) From 0-100%	No function	No function	No function	No function
136 - 143	Pearl		ië O II	ln o	Į į	l III	Į į
144 - 150	Blue Pearl		Š	ž	ž	ž	ž
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						
196 - 203	colours sequence Macro 2 : All RGBW colours sequence	Speed(000 - 255) From slow to fast					
204 - 210	Macro 3 : Crossfade 1	00 - ∴					
211 - 218	Macro 4 : Crossfade 2	9(00					
219 - 225	Macro 5 : Crossfade 3	pee					
226 - 233	Macro 6 : Crossfade 4	⊘ ட்					
234 - 240	Macro 6 : Crossfade 5						
241 - 248 249 - 255	Music-sensitive colour macro 1 : RGB Music-sensitive colour macro 2 : RGBW	Mic sensitivity (000 - 255)					

8 - Infrared remote control

The infrared remote control supplied with the projectors allows you to remotely access all the functions of the projectors. The infrared sensor is located on the front of the projector.

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

- 1 Black out button: Turns the projectors ON or OFF.
- 2 SELECT PROG button: Launches built-in programs or allows you to choose colours. 4 different modes are available, each pressure allows you to switch from one mode to another.

Note: Colours and programs available with the SELECT PROG button depends on the DMX mode currently used:

Pure RGB or RGBW. Colours and programs are different for each DMX mode. Please refer to pages 6 to 14 for more details about DMX modes.

You will need to select a DMX mode before using the SELECT PROG button.

1 st pres- sure	Red LEDs flashing: Fixed colours, step and crossfade programs selection with the 1 to 9 buttons, and with the + and - buttons. Use the FLASH button and the + and - buttons to configure the strobe speed. Use the FLASH button and the + and - buttons to configure the programs speed.
2 nd pressure	Blue LEDs flashing: Automatic mode. Use the FLASH button and the + and - buttons to configure the strobe speed. Use the FLASH button and the + and - buttons to configure the programs speed.

- **3 FLASH button**: Activates or deactivates the Flash mode. Increase or decrease the flash speed with the + and buttons of the remote control. This button can be used with each mode described above.
- **4 SPEED button**: Allows you to configure the the Step and Crossfade programs speed. Increase or decrease the speed with the + and buttons of the remote control.

6 - DMX mode selection - DMX MODE buton

There are 13 different DMX modes.

You will need to select a DMX mode before controlling your projector in DMX mode;

Press the DMX MODE and use the + and - buttons 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

LED 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
Rea, Blue and White	3CH/

- 7 SL/SA button: Activates the music-sensitive (SA) or slave (SL) modes. When using the music-sensitive mode (green LEDs), use the + and to configure the microphone sensitivity. The slave mode is indicated by red LEDs.
- 8 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 S, all the LEDs are flashing to indicate the beginning of the process.
- 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: If you want to use the address 5, you will need to enter 005.

9 - R, G, B and W buttons: Adjusts colours brightness, R for red, G for green, B for blue, and W for white. Increase or decrease their brightness with the + and - buttons.

The A (amber) button is not available for these projectors.

