



TECHNICAL SPECIFICATION

Voltage input : AC 100~240V, 47~63Hz (120V / 60HZ - 0.560A, 230V / 50HZ - 0.302A)

Consumption : 45W Max

LED board : Matrice of 7 LED four colors RGBW 5W

Focal : 10°

Ingress protection rating : IP20

Fuse : T15 AL 250V

Dimension (L×W×H) : L400 × W260 × H 190mm

Weight : 11 Kg



USER INSTRUCTION COLORBATT 7 FCW IR

Thank you for purchasing this product.

Thank you for purchasing this product.
For your own safety, please read this user
manual carefully before you initially start-up



SAFETY INSTRUCTIONS

Every person involved with the installation, operation and maintenance of this device has to :

- be qualified
- follow the instructions of this manual
- **CAUTION !** Be careful with your operations. With a dangerous voltage you can suffer a dangerous electric shock when touching the wires !
- This device has left our premises in absolutely perfect condition. In order to maintain this condition and to ensure a safe operation, it is absolutely necessary for the user to follow the safety instructions and warning notes written in this user manual.
- **Important :** Damages caused by the disregard of this user manual are not subject to warranty. The dealer will not accept liability for any resulting defects or problems.
- Keep away from heaters and other heating sources !
- If the device has been exposed to drastic temperature fluctuation (e.g. after transportation), do not switch it on immediately. The arising condensation water might damage your device. Leave the device switched off until it has reached room temperature.
- Make sure that the power-cord is never crimped or damaged by sharp edges. Check the device and the power-cord from time to time.
- If the external flexible cable or cord of this luminaire is damaged, it shall be exclusively replaced by the manufacturer or his service agent or a similar qualified person in order to avoid a hazard.
- shields, lenses or ultraviolet screens shall be changed if they have become visibly damaged to such an extent that their effectiveness is impaired, for example by cracks or deep scratches.
- Never let the power-cord come into contact with other cables ! Handle the power-cord and all connections with the mains with particular caution !
- Make sure that the available voltage is not higher than stated in this manual.
- Always disconnect from the mains, when the device is not in use or before cleaning it. Only handle the power-cord by the plug. Never pull out the plug by tugging the power-cord.

- During the initial start-up some smoke or smell may arise. This is a normal process and does not necessarily mean that the device is defective.
- **DANGER OF BURNING** ! Never touch the device during the operation ! The housing heats up to the housing temperature TSURFACE.
- Don't switch the device on and off in short intervals as this would reduce the lamp's life.
- **HEALTH HAZARD** ! Never look directly into the light source, as sensitive persons may suffer an epileptic shock (especially meant for epileptics) !
- Always disconnect from the mains, when the device is not in user or before cleaning it.
- Please note that damages caused by manual modifications on the device or unauthorized operation by unqualified persons are not subject to warranty.
- Keep away children and amateurs from the device !
- There are no serviceable parts inside the device. Maintenance and service operations are only to be carried out by authorized dealers.

OPERATION INSTRUCTIONS

- 1) This system has DMX online / stand alone mode. DMX online mode can link up other units and controlled by controller; the stand alone has some functions, such as dimmer, program, sound active and so on.
- 2) If the slave links up master and also connects DMX controller, the master can identify automatically and turn off the function of sending data from master, the slave receives signals from DMX controller.
- 3) The device has the function of saving automatically present state, and under power off it will run the last mode when re-turn on.
- 4) The DMX online has two connection mode : wireless connection and wire connection. and has the function of remote control of infrared ray.

SPECIFICATIONS

- COLORBATT is fitted with double stainless steel yoke to use in any lighting positions. Thanks to four knobs, lock and tight are friendly.
- Close to COLORBATT's display, a SMA50 socket is dedicated to RF antenna (included). It is possible to work with or without antenna regarding use.
- At the back, two Powercon sockets are use for "daisy-chain" application (output is protected by circuit breaker for 8 items max), two In/Out XLR3 for DMX control, safety eye, 4 rubber feet (2 adjustable).

FUNCTION DESCRIPTION



- 1) **MODE** :
select LED mode,
detail see **figure 1**.
- 2) **UP** :
select DMX address,
program speed, dimmer
value clock-wise direction.
- 3) **DOWN** :
select DMX address,
program speed, dimmer
value counter clock-wise
direction.

Figure 1

MODE		LCD DISPLAY	OPERATION
Turn on display		OXO V 1. 4.4	When turn on the unit, it will display OXO V 1. 4.4.
Edit name	Edit Company		Edit Company : when pressing the second key or the third one; you can edit, you can choose " A, B, C,Z, " " via the first key; you can clear word via the second key ; and when you want to move right, you can use the third key ; final you can save what you edit via moving right the third key until the lcd display " saving....."
LCD DISPLAY			
On all the time		DispPerm On / Off	LCD is on all the time; by pressing the second key or the third key, you can toggle between DispPerm On and DispPerm Off
Auto turn off		DispPerm Off	LCD can turn off automatically after running 10s..Any button is no function under this mode.It can display by pressing any button 3s.
DMX MODE			
CH 1		DMX -1CH DMX**	***--DMXaddress (1~512) CH1 (macro) detail see table 1
CH 2		DMX -2CH DMX**	***--DMXaddress (1~512) CH1 (macro)) / CH2 (dimmer) detail see table 2
CH 4		DMX -4CH DMX ***	***--DMXaddress (1~512) CH1 (R) / CH2 (G) / CH3 (B) / CH4 (W) detail see table 3
CH 5		DMX-5CH DMX ***	***--DMXaddress (1~512) detail see table 4 CH1 (R) / CH2 (G) / CH3 (B)) / CH4 (W) / CH5 (dimmer)
CH 7		DMX-7CH DMX ***	***--DMXaddress (1~512) detail see table 5 CH1 (R) / CH2 (G) / CH3 (B) / CH4 (W) / CH5 (macro) / CH6 (strob spe ed) / CH7 (dimmer)
CH 8		DMX-8CH DMX ***	***--DMXaddress (1~512) CH1 (R) / CH2 (G) / CH3 (B) / CH4 (W) / CH5 (macro) / CH6 (speed) / CH7 (mode) / CH8 (dimmer) detail see table 6
MANUAL MODE			
Fixed color mode		ColMacro Macro **	**-- 32 kinds of colors (0~32) 32 kinds of macro mode + black
Program regulation	mode	ColProgr Progr **	**-- preset 9 kinds programs (1~9) + ALL (all programs) Change preset9 kinds of programs viaUp / Down key
	speed	ColSpeed Speed **	**-- program speed choose 1~16, so (16 : fastest speed, so : sound control program Change the program speed and sound control via Up / Downkey
Single Color luminane adjust	R	ColSet	**-- preset 9 kinds programs (1~9) + ALL (all programs) Change preset9 kinds of programs viaUp / Down key
	G	Red ***	**-- preset 9 kinds programs (1~9) + ALL (all programs) Change preset9 kinds of programs viaUp / Down key
	B	ColSet	**-- program speed choose 1~16, so (16 : fastest speed, so : sound control program Change the program speed and sound control via Up / Downkey
	W	ColSet	**-- preset 9 kinds programs (1~9) + ALL (all programs) Change preset9 kinds of programs viaUp / Down key
Register wireless		RF REG White ***	You can register via pressing the second key or the third one, while the sending controller need to permit to register, if successful, it will show RF REG DONE, or show RF REG FAIL
Switch of infrared ray		IR ENABLE	You can change IR DISABLE or ENABLE via pressing the second key or the third one, the remote control instruction, please see table 7

Table 1

DMX MODE 1	
CH1	
Color Macro Value	
See macro mode	
0 - 12 = OFF	

Table 2

DMX MODE 2	
CH1	CH2
Color Macro Value	Dimmer
See macro mode	1-255= dim>light
0 - 12 = OFF	0 = OFF

Table 3

DMX MODE 3			
CH1	CH2	CH3	CH4
R	G	B	W
1-255=dim>light			
0 - 12 = OFF			

Table 4

DMX MODE 4				
CH1	CH2	CH3	CH4	CH5
R	G	B	W	Dimmer
1-255=dim>light				
0 = OFF				

Table 5

DMX MODE 5						
CH1	CH2	CH3	CH4	CH5	CH6	CH7
R	G	B	W	Color Macro Value	STROBE	Dimmer
1-255=DIM>LIGHT				See macro mode	16-255 slow>fast	1-255=dim>light
0 = OFF				0-12 = OFF	0-15 = OFF	0 = OFF

Table 6

DMX MODE 6							
CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8
R	G	B	W	Macro mode	STROBE / speed	mode	Total dimmer
0				0-12 (OFF)	STROBE 0-15 : static 16-255 : 16steps	(0-127) color regulation	0-255=dim>light
1-255=dim>light				13-255 (Macro mode)			
NA				SPEED REGULATION 0-255 : 16STEPS	(128-159) auto mix-color		
					(160-191) 3colors jump		
					(160-191) 3colors jump		
NA				0-255 = NA	(224-255) program sound control		

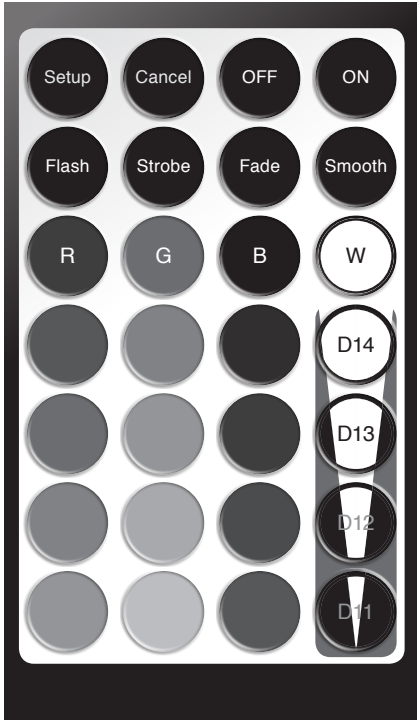
Instruction of charging and discharging battery

COLORBATT use the latest LiFe battery technology.

- You can show the energy level of the unit via the 4 LED indicator located on the side of the product. Every led indicator (Green-100% / Orange-75% / Orange-50% / Red Still-25% / Red blinking <10%) refers to resulting battery's level. When battery is full charged, the four indicators will all on. When there is only the last red light on, you should charge the product. When the last red indicator strobe fast, the level is under 10% and you must charge the product.
- When the battery is full, you can use it (full power) an average time of 10 hours continuous and up to 35H according to use (e.g. One color at a time). When the battery is too low, that it gives an alarm, under this condition, the unit can be full charged in approximately 2 hours. You can use the unit when charging the battery, under this condition, the period of charging will be extended.

Table 7

IRC161 REMOTE CONTROL USER MANUAL



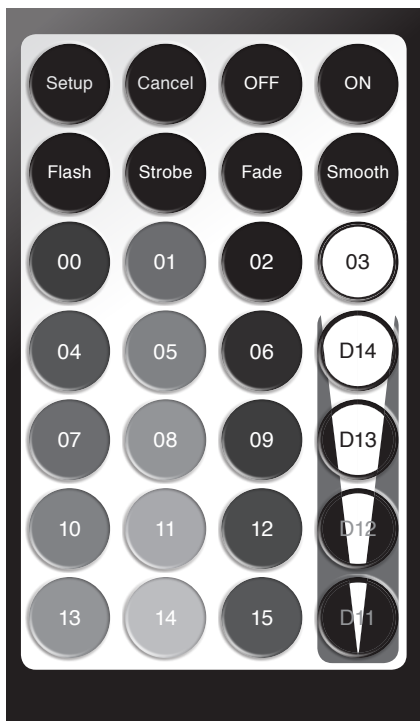
- 01) Setup : enter remote control mode.
- 02) Cancel : exit remote control mode, back to the target lamp control mode of before entering remote control mode.
- 03) OFF : turn off the target lamp,
- 04) ON : back to the remote condition of before turning off the target lamp .
- 05) Flash : 7 colors jump mode + 8 steps speed regulation.
- 06) Strobe : strobe mode + 8 steps speed regulation. The color is decided by the color keys on the remote control (R / G / B 0 : OFF, 1-255 JOIN IN).
- 07) Fade : fade mode + 8 steps speed regulation. The color is decided by the color keys on the remote control (R / G / B 0 : OFF, 1-255 JOIN IN).
- 08) Smooth : auto-mixcolor mode + 8 steps speed regulation.
- 09) D11~D14 : White Dimmer (25%, 50%, 75%, 100%)
- 10) Other keys are mixcolor modes that present need to display.
- 11) Please note the distance and angle of infrared remote control, the best is distance <5M, angel $\leq \pm 30^\circ$
- 12) When in the short distance or the remote control can not work, please check whether the battery has exhausted !
- 13) The lamp will exit remote control mode when you push any key on lamp if the lamp is under remote control mode

Macro mode

MACRO	R	G	B
black	0	0	0
macro mode 1	255	206	143
macro mode 2	254	177	153
macro mode 3	254	192	138
macro mode 4	254	165	98
macro mode 5	254	121	0
macro mode 6	176	17	0
macro mode 7	96	0	11
macro mode 8	234	139	171
macro mode 9	224	5	97
macro mode 10	175	77	173

MACRO	R	G	B
macro mode 11	119	130	199
macro mode 12	147	164	212
macro mode 13	88	2	163
macro mode 14	0	38	86
macro mode 15	0	142	208
macro mode 16	52	148	209
macro mode 17	1	134	201
macro mode 18	0	145	212
macro mode 19	0	121	192
macro mode 20	0	129	184
macro mode 21	0	83	115

The lamp display when under remote control condition



NO.	KEY	DISPLAY & FUNCTION
1	Setup	" IR MODE "
2	Cancel	Exit remote control mode
3	OFF	" IR MODE off "
4	ON	Back to the condition of before entering OFF
5	Flash	" IR MODE flash 01 "
6	Strobe	" IR MODE strobe 01 "
7	Fade	" IR MODE fade 01 "
8	Smooth	" IR MODE smooth XX "
9	D11	White Dimmer 25% (keep original condition the display)
10	D12	White Dimmer 50% (keep original condition the display)
11	D13	White Dimmer 75% (keep original condition the display)
12	D14	White Dimmer 100% (keep original condition the display)
13	R	" IR MODE 00 "
14	G	" IR MODE 01 "
15	B	" IR MODE 02 "
16	W	" IR MODE 03 "
17	04	" IR MODE 04 "
18	05	" IR MODE 05 "
19	06	" IR MODE 06 "
20	07	" IR MODE 07 "
21	08	" IR MODE 08 "
22	09	" IR MODE 09 "
23	10	" IR MODE 10 "
24	11	" IR MODE 11 "
25	12	" IR MODE 12 "
26	13	" IR MODE 13 "
27	14	" IR MODE 14 "
28	15	" IR MODE 15 "

MACRO	R	G	B
macro mode 22	0	97	166
macro mode 23	1	100	167
macro mode 24	0	40	86
macro mode 5	209	219	182
macro mode 26	42	165	85
macro mode 27	0	46	35
macro mode 28	8	107	222
macro mode 29	107	156	231
macro mode 30	165	198	247
macro mode 31	0	0	189
macro mode 32	255	255	255

Rear view

