

LEDZOOM200COB

150W RGBW COBLED



USER MANUAL

User manual

一、Menu

Menu 1	Menu 2	Menu 3	Functions
1:AUTO	Yes/No		Auto run mode
2:Program	1)Mode:	1-16	Built-in Program
	2)Color:(Mode:1)	1-33	Static Color
	2)Speed:(Mode:2-16)	1-100	Speed
	3)Strobe:	0-99	Strobe
	4)Zoom:	000~255	Zoom
3:DMX	1)Address:	001-512	DMX mode
	2)Channels:	5/7/12-CH	
4:Slave	Yes/No		Slave mode
5:CTO	1)CTO:	2700K/3200K/4500K/5400K/6500K	CTO mode
	2)Zoom:	000~255	
6:Dimmer	1)Red:	000~255	Dimmer mode
	2)Green:	000~255	
	3)Blue:	000~255	
	4)White:	000~255	
	5)Zoom:	000~255	
7:Settings	1)Curves Select:	1- 4	Dimming curve selection
	2)Dimmer Speed:	Fast/ Smooth	Dimming speed selection
	3)Dmx Fail:	Off/Hold	DMX signal option
	4)Fan Mode	On/Off	Fan mode
	5)Dmx Sync:	On/Off	DMX Synchronization setting
	6)Lock	On/Off	Lock
	7)Key Backlight	On/Off	Key Backlight
	8)Factory:	Yes/No	Factory reset
8:Information	Versions: x.x		Version display
	Temperature: xx℃		Temperature detection
	UID:xxxxxxxxxxx		UID

二、DMX Channels

Function	DMX Value	Setting	5-Ch	7-Ch	12-Ch
Dimmer	000-255	0~100%		1	1
Strobe Linear	0-10	No function		2	2
	11-255	strobe linear from slow to fast			
Strobe FX	0-10	No function			3
	11-255	strobe random from slow to fast			
CTO	000-015	No function			4

	016-063	2700K			
	064-111	3200K			
	112-159	4500K			
	160-207	5400K			
	208-255	6500K			
Color preset	000-007	No function			5
	008-013	Color1(R255 G000 B000 W000)			
	014-020	Color2(R255 G000 B000 W100)			
	021-027	Color3(R255 G000 B000 W200)			
	028-034	Color4(R255 G050 B000 W000)			
	035-041	Color5(R255 G150 B000 W000)			
	042-048	Color6(R255 G255 B000 W000)			
	049-055	Color7(R255 G255 B000 W075)			
	056-062	Color8(R000 G255 B000 W255)			
	063-069	Color9(R000 G255 B000 W150)			
	070-076	Color10(R000 G255 B000 W050)			
	077-083	Color11(R000 G255 B000 W000)			
	084-090	Color12(R000 G255 B050 W000)			
	091-097	Color13(R000 G255 B150 W000)			
	098-104	Color14(R000 G255 B255 W000)			
	105-111	Color15(R000 G255 B255 W075)			
	112-118	Color16(R000 G255 B255 W150)			
	119-125	Color17(R000 G100 B255 W255)			
	126-132	Color18(R000 G000 B255 W100)			
	133-139	Color19(R000 G000 B255 W050)			
	140-146	Color20(R000 G000 B255 W000)			
	147-153	Color21(R075 G000 B255 W000)			
	154-160	Color22(R160 G000 B255 W000)			
	161-167	Color23(R255 G000 B255 W000)			
	168-174	Color24(R255 G000 B175 W000)			
	175-181	Color25(R255 G000 B100 W000)			
	182-188	Color26(R255 G000 B100 W050)			
	189-195	Color27(R255 G000 B025 W050)			
	196-202	Color28(R255 G000 B025 W025)			
	203-209	Color29(R255 G000 B025 W000)			
	210-216	Color30(R000 G000 B000 W255)			
	217-223	Color31(R075 G075 B000 W255)			
	224-230	Color32(R000 G000 B100 W255)			
	231-255	Color33(R255 G255 B255 W255)			
Color program	000-015	No function			6
	016-031	Jump1			
	032-047	Jump2			
	048-063	Jump3			
	064-079	Jump4			
	080-095	Jump5			

	096-111	Jump6			
	112-127	Jump7			
	128-143	Jump8			
	144-159	Fade1			
	160-175	Fade2			
	176-191	Fade3			
	192-207	Fade4			
	208-223	Fade5			
	224-239	Fade6			
	240-255	Fade7			
Color program speed	0-255	Speed from slow to fast			7
Red	000-255	0~100%	1	3	8
Green	000-255	0~100%	2	4	9
Blue	000-255	0~100%	3	5	10
White	000-255	0~100%	4	6	11
Zoom	000-255	0~100%	5	7	12

Operation and Mode illustration

1、Operation Mode Transformation

Press the MODE, UP or DOWN button to transform menus.

1: AUTO
2: Program
3: DMX
4: Slave
5: Dimmer
6:Settings
7:Information

2、operation description

a、AUTO

Auto run mode, it will run built in Program Mode:02~ Program Mode:16, the speed, strobe, focus position, cycle running

Auto	Yes
	No

b、Built-in Program

There are 16 built-in programs. Please press the setup button to enter and up or down button to select. As follows:

1、 Mode:01 Static color effect program

Mode:01	Color:	01~33
	Strobe:	00~99
	Zoom:	000~255

2、 Mode:02~16 built-in effect program

Mode:02~16	Speed:	001~100
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	Strobe:	00~99
	Zoom:	000~255

c、DMX mode

Press the setup button to enter and select by the up or down button. As follows:

DMX	
Address :	001~512
Channels:	5/7/12-ch

d、Slave mode SLAV

After connecting the DMX cable, the light will run with the master fixture at the same step.

Slave	Yes
	No

e、CTO mode

Press the setup button to enter and select by the up or down button. As follows:

CTO	CTO:	2700K/3200K/4500K/5400K/6500K
	Zoom:	000~255

f、Dimmer mode

Press the setup button to enter and select by the up or down button. As follows:

Dimmer	Red:	000~255
	Green:	000~255
	Blue:	000~255
	White:	000~255
	Zoom:	000~255

g、Settings mode

Press the setup button to enter and select by the up or down button. As follows:

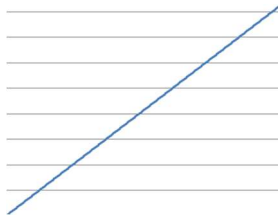
Settings	Curves Select
	Dimmer Speed
	DMX Fail
	Fan Mode
	Dmx Sync
	Lock
	Key Backlight
	Factory

1.Dimming curve setting

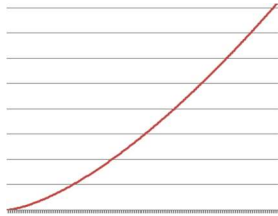
There are four available dimming curves. Please press the setup button to enter and select by the up or down button.

Curves Select	1)linear
	2)Square Law
	3)Inv Square Law
	4)S-Type

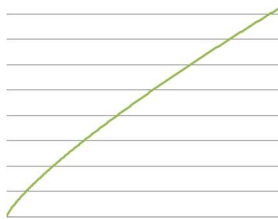
a、linear dimming



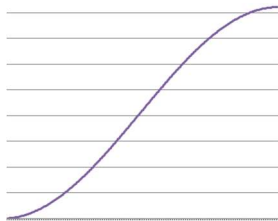
b、 Square Law dimming



c、 Inv Square Law dimming



d、 S-curve dimming



2 2: Dimmer Speed

Please press the setup button to enter and select by the up or down button

Dimmer Speed	Fast
	Smooth

3: DMX Fail console DMX signal clear

Please press the setup button to enter and select by the up or down button.

DMX Fail	Off	(When DMX signal connection fail, light off)
	Hold	(When DMX signal connection fail, light keeps current state)

4: Fan Mode

Fan Mode	On(intelligent control, the fan speed rotation according to temperature)
	Off(Turn off the fan and reduce the power to control the temperature)

5: Dmx Sync

In DMX mode, several fixtures can also operate at the same step, even though no DMX control for a period of time. Please press the setup button to enter and select by the up or down button. As follows::

Dmx Sync	On
	Off

6: Lock

Lock	On
	Off

7: Key Backlight

Key Backlight	On
	Off

8: Factory reset

All data will restore initial state after factory sets. Please press the setup button to enter and select by the up or down button. As follows:

Factory	Yes
	No

h. Information mode

Store relevant information, as follows:

Information	Versions: x.x
	Temperature: xx℃
	UID:xxxxxxxxxxx

四、 RDM (Remote Device Management)

This fixture has RDM function. RDM is the protocol which supports two-way traffic in standard DMX512. Configure and monitor fixture, like change DMX address, DMX mode and so on. Every fixture with RDM can be recognized by built-in UID code.

Parameter ID	Discovery command	SET command	Get command
DISC_UNIQUE_BRANCH	*		
DISC_MUTE	*		
DISC_UN_MUTE	*		
DEVICE_INFO			*
SOFTWARE_VERSION_LABEL			*
DMX_START_ADDRESS		*	*
IDENTIFY_DEVICE		*	*
SUPPORTED_PARAMETERS			*
SENSOR_DEFINITION			*
SENSOR_VALUE			*
DMX_PERSONALITY		*	*
DMX_PERSONALITY_DESCRIPTION			*
RESET_DEVICE		*	
FACTORY_DEFAULTS		*	

五、 Notice

- 1、 If no press any button in 30s, it will lock screen automatically and show current operating mode, WDMX mode, temperature status and battery(this battery is reference value, changes for on and off is very large). Of course, it will unlock again by pressing the mode and setup button for 3s at the same time. Press mode and setup button at the same time to quickly lock under unlock status (Lock need to be YES in Setting).
- 2、 When the product power's on and shows version information, pressing the "MODE" and

“SETUP” buttons for some seconds at the same time. After this, it can restore factory settings and the data will be initialized.

- 3、 In order to avoid any problem, please follow the user manual to make sure it is in safety operations.
- 4、 If the environment temperature is not in the using range, please reduce the using time of the full power to prevent products damaged because of overheating.
- 5、 When the product power is on, the LED display screen shows temperature “×”. Or it shows ×℃ when locking screen. It means temperature anomalies. please check whether lines of internal temperature control connect well.
- 6、 In order to prevent the accident, please don't tear down the light under the condition of charging.