VG-LVF210C 200W 4in1 LED Profile Spot Light User Manual

200W 4in1 LED Profile Spot Light

VG-LVF210C



CE RoHS

User Manual

📖Please read this user manual before using this product!

Keep it for further reference!

http://www.vangaa.com

INDEX

Ⅰ INTRODUCTION..... 01

Ⅱ ATTENTION 01

Ⅲ MAIN FEATURES 02

Ⅳ TECHNICAL SPECIFICATION.....02

Ⅴ DIMENSION.....04

Ⅵ CONTROL PANEL AND MENU 04

Ⅶ INSTALLATION AND CONNECTION 07

Ⅷ MODE SETTING AND DMX CHANNEL CHART.....08

Ⅸ ILLUMINATION 10

Ⅹ APPENDIX.....11

VG-LVF210C 200W 4in1 LED Profile Spot Light User Manual

Ⅰ. INTRODUCTION

Thank you for having chosen our company's products. For your own safety, please read this user manual carefully before installing the device.

We are very glad to offer you our best quality product and service to make you satisfied. Please check that there has been no damage caused in transportation and the following items are enclosed.

This light has very beautiful appearance. Based on the LED Film and Television Flat Light Technology, using high brightness COB LED chips beads matrix arrangement of large area, through the whole aluminum shell to realize heat dissipation naturally, we have designed this light. This light has high brightness, good head dissipation, ultra-quiet and other features. It can satisfy the requirement of indoor movie filming for the lighting layout. It is a good substitute of the traditional profile spot light, which is very suitable for the studio room, TV station, Meeting room, stage, show and other entertainment places.

This light meets the following criteria:

GB7000.1-2007/IEC60598-1:2003

GB7000.217-2008/IEC60598-2-17:1984+A2:1990

Ⅱ. ATTENTION

1. Do NOT put or work the product in the Humid or Wet area; DO NOT work when the temperature is over 35 C°;

2. Do NOT place the product in the area which could be share or easy to be shaved;

3. When using the light, the input power voltage couldn't change over ±10%, if the input

power higher than the related voltage, it will reduce the lifespan of the light, if the power lower, it will reduce the color and brightness of the light;

4. This product is for professional using and maintenance only.

Ⅲ. MAIN FEATURES

200W COB LED Profile Spot Light;

High power brightness light can replace the traditional light;

Linear dimmer 0-100%;

LCD control panel.

Ⅳ. TECHNICAL SPECIFICATION

Light Source

LEDs: 1pcs 200W RGBW 4in1 LED

Color: RGBW 4in1 color mixing

CRI: Ra >90

Service life: 40,000h

Optical System

Beam angle: 19°/26°/36°/50°

Lens: high efficiency optical system

Light Output

Optimal projection distance: 5-25m

Electromechanical Effects

Dimmer: linear dimmer 0-100%

Strobe: 1-25time/s

Control and Programming

Control mode: DMX-512; Master/slave mode; Demo mode

DMX channel: 11CH

Thermal Specification

Maximum ambient temperature: 45 °C (113 °F)

Maximum surface temperature: 170 °C (338 °F)

Electrical Specification

Power supply: Electronic auto-ranging

Input voltage range: AC100-240V, 50/60Hz

Power consumption: 180W

Mechanical Specification

Weight: 8.0kg

Material: steel, ABS

Appearance color: black/white

Using Environment

IP rating: IP20

Working temperature: -25-40℃

Cool system: Copper tube convector, Fan

Standard Accessories Light

1pc DMX cable

1pc power cable

1pc English version user manual

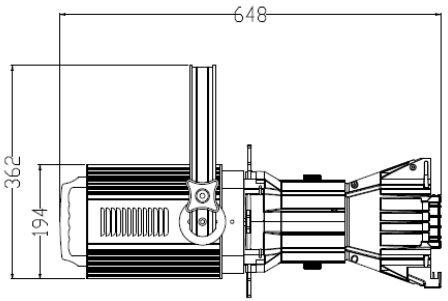
Optional Accessories Light

Safety cable: choose the model which you need, chargeable

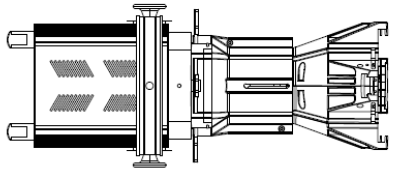
Clamps: choose the model which you need, chargeable

Flight case: choose the quantity which need pack, chargeable

Ⅴ. DIMENSION

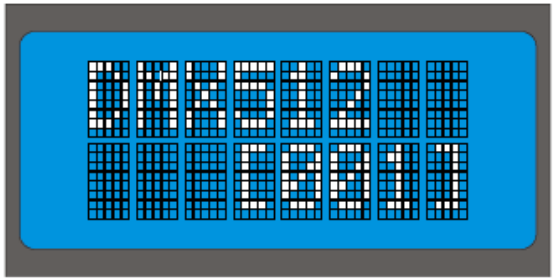


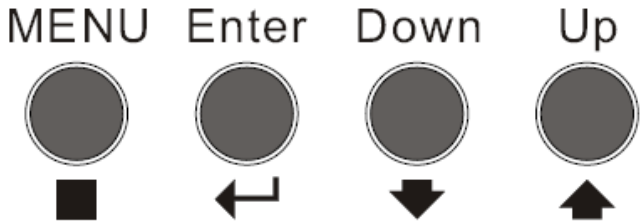
Unit：mm



Ⅵ. CONTROL PANEL AND MENU

Display Panel





[After you have selected the functions, you can press ENTER to keep.]

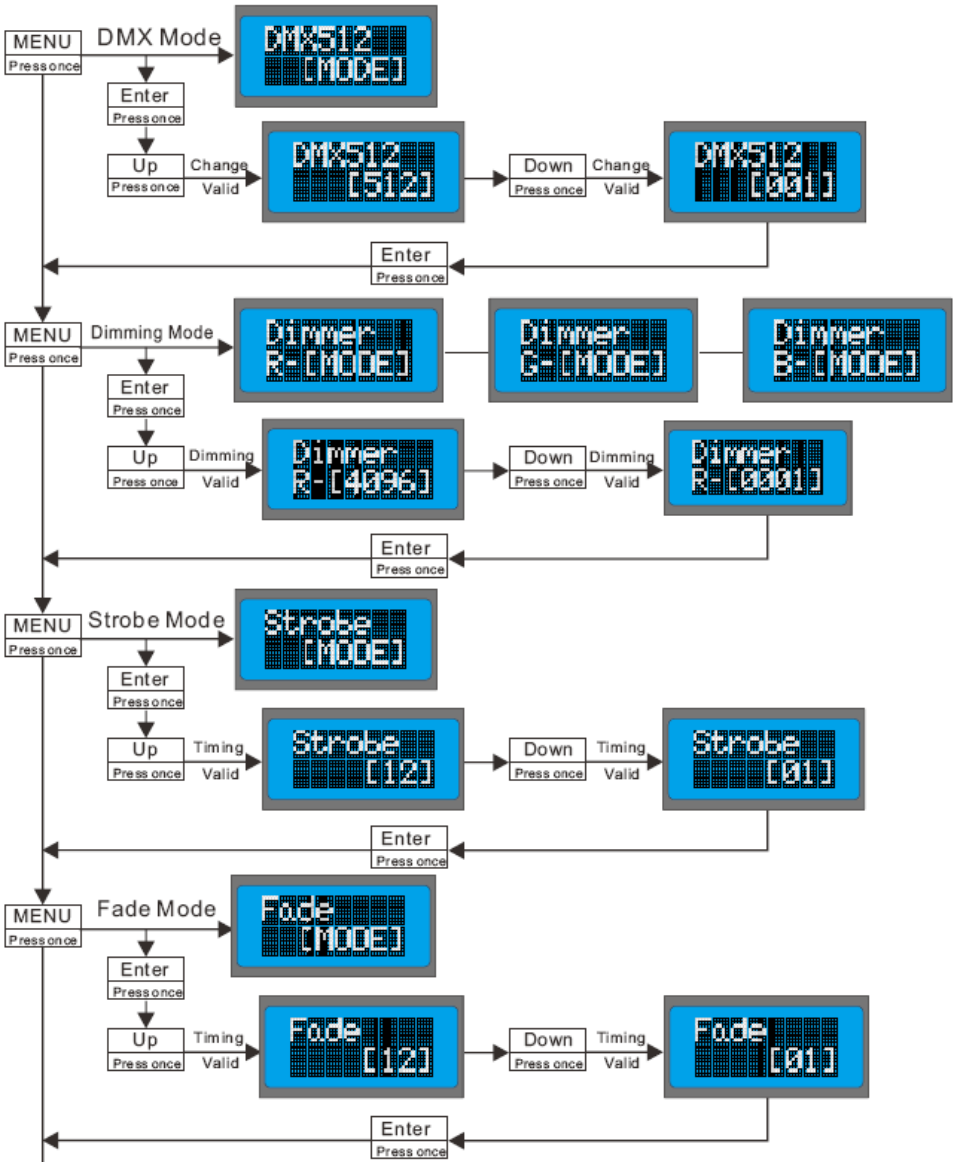
MODE: function/mode selection key

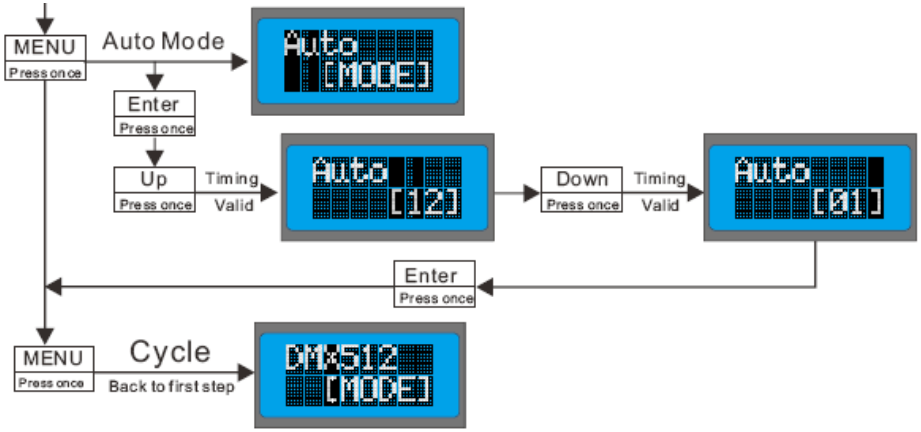
UP: increase key

DOWN: reduce key

ENTER: confirm/keep key

Menu Map





Ⅶ. INSTALLATION AND CONNECTION

Installation

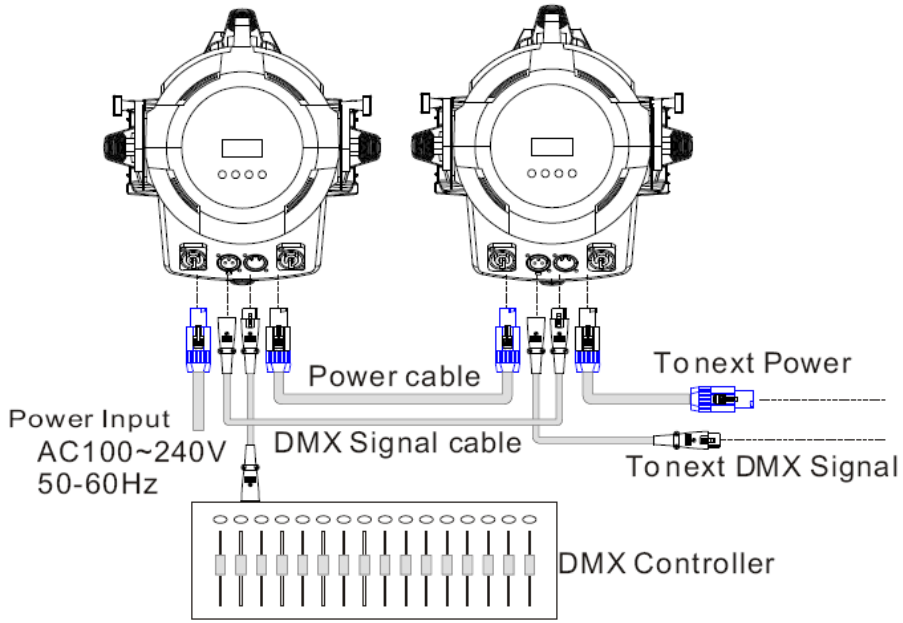


stand



hanging

Connection



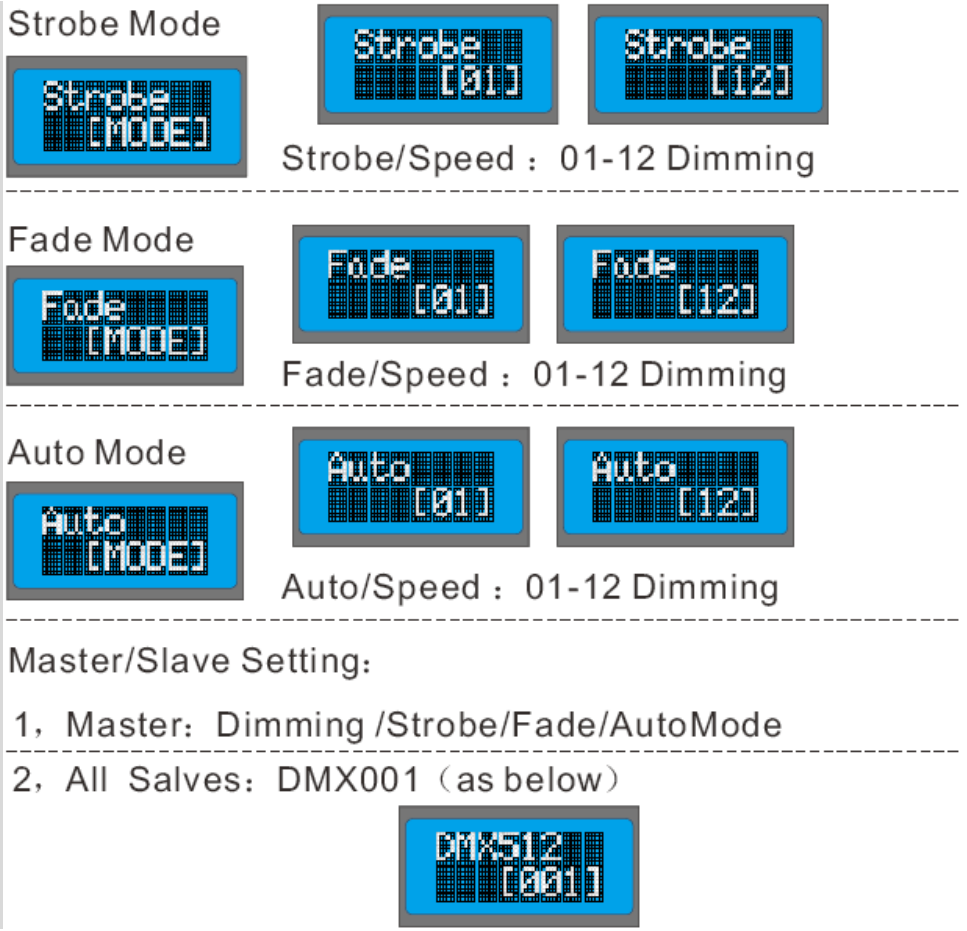
Ⅷ. MODE SETTING AND DMX CHANNEL CHART

DMX Mode Setting



Other Mode Setting



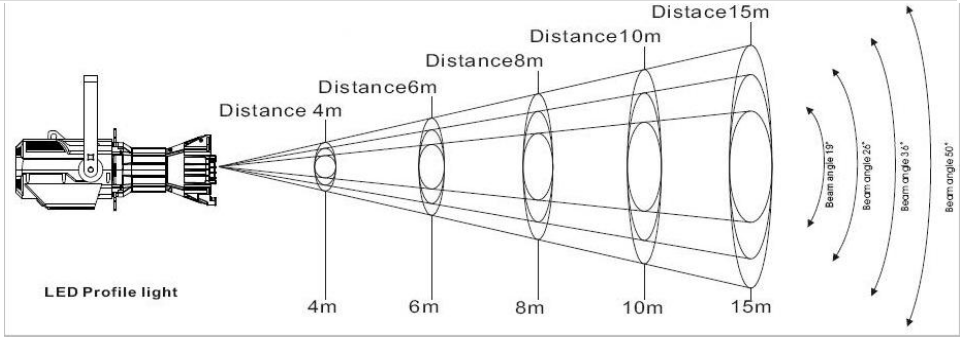


CHANNEL	NUMERIC	EFFECT
CH1	000←→255	Red dimmer levels linear dimming
CH2	000←→255	Green dimmer levels linear dimming
CH3	000←→255	Blue dimmer levels linear dimming
CH4	000←→255	White dimmer levels linear dimming
CH5	000←→255	Color levels RGBW color mixing
CH6	000←→255	CCT levels linear dimming，CCT 1800K-10000K

CH7	000←→009	Function levels without function
	010←→127	Function levels fade function
	128←→134	Function levels without function
	135←→255	Function levels auto function
CH8	000←→009	Strobe levels without function
	010←→255	Strobe levels strobe function
CH9	000←→063	Dim4 first-level dimming delay function
	064←→127	Dim4 second-level dimming delay function
	128←→191	Dim4 third-level dimming delay function
	192←→255	Dim4 fourth-level dimming delay function
CH10	000←→255	Dimming levels master dimming
CH11	000←→255	Dim fine levels dimmer fine

CHANNEL	NUMERIC	EFFECT
CH1	000←→255	Hue levels RGBW color mixing
CH2	000←→255	Saturation levels saturation adjustable
CH3	000←→255	Intensity levels master dimming
CH4	000←→255	Intensity fine levels dimmer fine
CH5	000←→255	CCT levels linear dimming, CCT1800K-10000K
CH6	000←→009	Strobe levels without function
	010←→255	Strobe levels strobe function

Ⅸ. ILLUMINATION



Illumination center/Lux	R	508	286	175	113	75	Beam angle 19°
	G	610	328	210	138	95	
	B	712	370	240	148	98	
	W	710	410	256	165	112	
Beam Diameter/cm		124	180	248	315	115	

Illumination center/Lux	R	400	230	153	102	72	Beam angle 26°
	G	362	270	170	105	90	
	B	540	301	192	120	91	
	W	610	323	210	128	105	
Beam Diameter/cm		185	277	370	462	554	

Illumination center/Lux	R	295	180	122	85	60	Beam angle 36°
	G	345	210	140	101	78	
	B	400	220	150	110	83	
	W	445	225	177	113	98	
Beam Diameter/cm		220	380	430	620	810	

Illumination center/Lux	R	210	140	90	65	56	Beam angle 50°
	G	246	150	102	75	68	
	B	275	162	110	85	70	
	W	289	175	120	90	73	
Beam Diameter/cm		373	560	746	933	1120	

Ⅹ APPENDIX

Problem and solution

Problem	Reason	Resolution
Device not work	No power	AC100-240V, 50/60Hz Check the power connection, and make sure device connect the mains in well condition. Check if the fuse is good.
LED Bulb is off	LED bulb damaged	Replacing LED bulb
	LED drive board damaged	Replacing LED drive board

VG-LVF210C 200W 4in1 LED Profile Spot Light User Manual

	Temperature switch damaged	Replacing temperature switch
Fans not work	Fans damaged	Replacing fans

Caution

- Unqualified person involved with installation, operation and maintenance of this device is prohibited
- If any above mentioned problem happened, or unknown problem happened, please contact manufacturer or distributor for assistance.

Innovation, Quality, Performance, Achieving Users' Value!