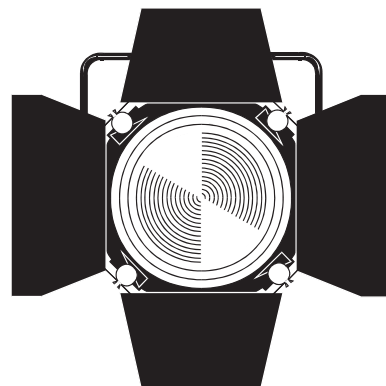


VIKING

STAGE LIGHTING



VK928 DINKIPIX

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STATEMENT

The product has well capability and intact packing when leave factory. All of the user should comply with warning item and manual, any misuse cause of the damages are not included in our guarantee, and also can not be responsible for any malfunction & problem owing to ignore the manual.

1.Safety Instructions

Please keep this User Guide for future consultation. If you sell the unit to another user, be sure that they also receive this instruction booklet.

- Unpack and check carefully there is no transportation damage before using the unit.
- Before operating, ensure that the voltage and frequency of power supply match the power requirements of the unit.
- It's important to ground the yellow/green conductor to earth in order to avoid electric shock.
- The unit must be installed in a location with adequate ventilation, at least 50cm from adjacent surfaces. Be sure that no ventilation slots are blocked.
- Disconnect main power before replacement or servicing.
- Make sure there are no flammable materials close to the unit while operating as it is fire hazard.
- Use safety cable when fixes this unit. DO NOT handle the unit by taking its head only, but always by taking its base.
- Maximum ambient temperature is $T_a: 40^{\circ}\text{C}$. DO NOT operate it where the temperature is higher than this Unit surface temperature may reach up to 85°C . DO NOT touch the housing bare-hand during its operation. Turn off the power and allow about 15 minutes for the unit to cool down before replacing or serving.
- the event of serious operating problem, stop using the unit immediately. Never try to repair the unit by yourself. Repairs carried out by unskilled people can lead to damage or malfunction. Please contact the nearest authorized technical assistance centre. Always use the same type spare parts.
- DO NOT touch any wire during operation as high voltage might be causing electric shock.

Warning:

- To prevent or reduce the risk of electrical shock or fire, do not expose the unit to rain or moisture.
- The housing, the lenses, or the ultraviolet filter must be replaced if they are visibly damaged.

Caution:

- There are no user serviceable parts inside the unit. DO NOT open the housing or attempt any repairs yourself. In the unlikely event your unit may require service, please contact your nearest dealer.

Installation:

- The unit should be mounted via its screw holes on the bracket. Always ensure that the unit is firmly fixed to avoid vibration and slipping while operating. And make sure that the structure to which you are attaching the unit is secure and is able to support a weight of 10 times of the unit’s weight. Also always use a safety cable that can hold 12 times of the weight of the unit when installing the fixture.
- The equipment must be fixed by professionals. And it must be fixed at a place where is out of the touch of people.

2. Technical Specifications

Power supply: AC100V-250V
Frequency: 50-60Hz
Light source: 9pcs 6in1 RGBWA+UV+56pcs RGB SMD5050 LEDS
Lamp life: 6-10 ten thousand hrs
LED angle: 30(±5) degree
Colour: 16.7 million kinds of colour change
Control channels: 11/21/54/222 chs
Material: Aluminium Alloy housing
Effects:
1. RGBWA+UV effect.
2. RGB tricolor wash effect.
Built-in Rechargeable Battery
Control: Wireless WDMX Sweedish and Chinese / WIFI APP/IR remote control
Control mode: DMX512, master/slave, auto, sound active
Automatic model(by function button) : colour change, colour strobe, colour dimmer, colour gradual change/colour jump change
Operation menu: 4 OLED display
Dimensions: 50 X 9 X 20cm
N.W: 5.60KG

When the device is idle, please ensure that the device is fully charged, otherwise it will easily cause battery damage

3 Control Menu

ON/OFF

Menu

Wifi

Enter

20℃

98

Address

001

ID 1

11CH

Up

IR

Down

4

Power on: Press silver ON/OFF Button. The lcd display will show VK928 for 3 seconds & the unit will power up. If this fails check the unit is charged up. When the display goes black it can be reactivated by gently tapping the MENU button. Top right on the LCD display shows the battery status & state of charge.

When plugged into live mains, even when the unit itself is switched off you can check current charge status by gently tapping any of the LCD display buttons (This only works when plugged into a live mains source for charging.)

When using WDMX ensure correct type of signal is being used. Either Chinese or Wireless Solution (UK) is supported but needs setting under the Wireless DMX menu. If Wireless Solution protocol is active then a small RX will appear at bottom left of the display. The unit can also be set to TX to transmit its settings to other units set to RX Mode (Called Master-Slave operation over WDMX)

IMPORTANT: the buttons are touch sensitive and only require a slight touch - NOT a hard press - this will have no effect.

Address	A001-A512	DMX model, address code setting	
Channel	11CH	11 CHS	
	21CH	21 CHS	
	54CH	54 CHS	
	222CH	222 CHS	
DMX Fail	Hold	DMX512 Data retention	
	Blackout	DMX512 data is not maintained (black field)	
	Auto	Automatic protection processing when there is no DMX signal	
Custom	Customize Colour, confirm key to save and switch colours	Red: 0-255, Red dimming	
		Green: 0-255, Green dimming	
		Blue: 0-255, Blue dimming	
		White: 0-255, White dimming	
		Yellow: 0-255, Yellow dimming	
		Purple: 0-255, Purple dimming	
		RGB-R: 0-255, Auxiliary light red dimming	
		RGB-G: 0-255, Auxiliary light green dimming	
		RGB-B: 0-255, Auxiliary light blue dimming	
Program	Static Colour	Colour: 00-32, Par light static colour	
		RGB Colour: 00-07, Auxiliary light static colour	
	Auto par light+auxiliary light self-propelled effect mode	Auto Speed: 01-16, par light+auxiliary light self-propelled effect speed	
	Custom Auto	Auto: 00-33	Par light auto effect mode
		RGB Auto: 00-84	Auxiliary light auto effect mode
		Auto Speed: 01-16	par light auto effect speed
		RGB Speed: 01-16	Auxiliary light auto effect speed
	Sound	Sound Mode	Sound 0: Silent timing effect runs slowly

			Sound 1: Silent control to turn off the lights
		Sound Sens: 00-100	
	CCT	Dimmer: 0-255	Colour temperature and brightness
		CCT: 2000K-10000K	Colour temperature and brightness
		GM: -100-100	Color temperature offset value
	Lee Color	Dimmer: 0-255	Colour card
		Lee Colour: L101-L204	Lee colour card, 30 kinds colour card
		Strobe: 00-16	Colour card flicker
	HSI	Dimmer: 0-255	Hue brightness
		HUE: 0-359	Hue colour
		STA: 0-100	Hue saturation
WIFI model	WIFI LED_ xxx		
Wireless DMX	Wireless dmx setting	ON/OFF	Wireless dmx ON / OFF
		Group ID: 1-7	WIRELESS DMX ID
	Set WDMX Protocol RD=WirelessSolution GZ=Chinese WDMX	To set WDMX protocol press and hold for 3 seconds ENTER when on Wireless DMX menu. Wireless Mode: will appear - select either GZ or RD with up/down keys & ENTER to save. Then pair with transmitter	
Run Time	Run time setting	OFF	Turn off the target runtime light limit
		1-12HOURS	Set the target endurance hours, and the program dynamically limits the brightness based on battery energy
Disp On Time	Display the opening time setting	10S	The screen will turn off after 20 seconds
		20S	The screen will turn off after 30 seconds
		30S	The screen will turn off after 40 seconds
IR		IR remote ON / OFF	
Menu Lock	Menu lock function setting	ON: After 15 seconds of inactivity or when powered on, it will automatically lock. After locking, both the "up" and "down" buttons must be held down for 5 seconds to unlock and operate the menu; OFF: Menu lock function disabled	
Factory Reset	YES: Restore all parameters to factory settings		
Information	Version		
	Run Time		
	RDM		

4.DMX Channels

Channel	11CH	21CH	54CH
CH1	0-255: total dimming	0-255: total dimming	0-255: total dimming
CH2	0-10: strobe off; 11-255: strobe, slow to fast	0-10: strobe off; 11-255: strobe, slow to fast	0-10: Par light strobe off; 11-255: Pa light flicker, slow fast
CH3	0-255: Red dimming	0-255: light CCT	0-255: CCT
CH4	0-255: Green dimming	0-255: light CCT GM	0-255: CCT GM
CH5	0-255: Blue dimming	0-255: light HSI Hue 0-359	0-255: HSI 0-359
CH6	0-255: White dimming	0-255: HSI saturation	0-255: HSI saturation
CH7	0-255: Yellow dimming	0-255: built-in effect	0-255: built-in effect
CH8	0-255: Purple dimming	0-255: built-in effect speed	0-255: built-in effect speed
CH9	0-255: Auxiliary light red dimming	0-255: red dimming	0-255: light 1 Red dimming
CH10	0-255: Auxiliary light green dimming	0-255: green dimming	0-255: light 1 Green dimming
CH11	0-255: Auxiliary light blue dimming	0-255: blue dimming	0-255: light 1 Blue dimming
CH12		0-255: white dimming	0-255: light 1 White dimming
CH13		0-255: yellow dimming	0-255: light 1 Yellow dimming
CH14		0-255: purple dimming	0-255: light 1 Purple dimming
CH15		0-10: Auxiliary light strobe off; 11-255: Auxiliary light flicker, slow fast	0-255: light 2 Red dimming
CH16		0-255: Auxiliary Light Static Colour	0-255: light 2 Green dimming
CH17		0-255: Auxiliary light built-in effect	0-255: light 2 Blue dimming
CH18		0-255: Auxiliary light built-in effect speed	0-255: light 2 White dimming
CH19		0-255: Auxiliary light red dimming	0-255: light 2 Yellow dimming
CH20		0-255: Auxiliary light green dimming	0-255: light 2 Purple dimming
CH21		0-255: Auxiliary light blue dimming	0-255: light 3 Red dimming
CH22			0-255: light 3 Green
CH23			0-255: light 3 Blue dimming
CH24			0-255: light 3 White
CH25			0-255: light 3 Yellow dimming
CH26			0-255: light 3 Purple dimming
CH27			0-255: light 4 Red dimming
CH28			0-255: light 4 Green dimming
CH29			0-255: light 4 Blue dimming
CH30			0-255: light 4 White
CH31			0-255: light 4 Yellow
CH32			0-255: light 4 Purple
CH33			0-255: light 5 Red dimming
CH34			0-255: light 5 Green dimming

Channel	11CH	21CH	54CH
CH35			0-255: light 5 Blue dimming
CH36			0-255: light 5 White dimming
CH37			0-255: light 5 Yellow dimming
CH38			0-255: light 5 Purple
CH39			0-255: light 6 Red dimming
CH40			0-255: light 6 Green
CH41			0-255: light 6 Blue dimming
CH42			0-255: light 6 White dimming
CH43			0-255: light 6 Yellow
CH44			0-255: light 6 Purple
CH45			0-10: Auxiliary light strobe off; 11-255: Auxiliary light flicker, slow fast
CH46			0-255: Auxiliary Light Static Colour
CH47			0-255: Auxiliary light built-in effect
CH48			0-255: Auxiliary light built-in effect speed
CH49			0-255: Auxiliary Light 1 Red Dimming
CH50			0-255: Auxiliary Light 1 Green Dimming
CH51			0-255: Auxiliary Light 1 Blue Dimming
CH52			0-255: Auxiliary Light 2 Red Dimming
CH53			0-255: Auxiliary Light 2 Green Dimming
CH54			0-255: Auxiliary Light 2 Blue Dimming

Channel	222 CH
CH1	0-255: light 1 Red dimming
CH2	0-255: light 1 Green dimming
CH3	0-255: light 1 Blue dimming
CH4	0-255: light 1 White dimming
CH5	0-255: light 1 Yellow dimming
CH6	0-255: light 1 Purpledimming
.....	
CH49	0-255: light 9 Red dimming
CH50	0-255: light 9 Green dimming
CH51	0-255: light 9 Blue dimming
CH52	0-255: light 9 White dimming
CH53	0-255: light 9 Yellow dimming
CH54	0-255: light 9 Purple dimming
	CH1-CH54 is a point by point control system for 9 6-colour bar lamps
CH55	0-255: Auxiliary Light 1 Red Dimming
CH56	0-255: Auxiliary Light 1 Green Dimming
CH57	0-255: Auxiliary Light 1 Blue Dimming
.....	
CH220	0-255: Auxiliary Light 56 Red Dimming
CH221	0-255: Auxiliary Light 56 Green Dimming
CH222	0-255: Auxiliary Light 56 Blue Dimming

Par light effect channel

0-10	NO
11-50	PAR light static color, speed channel switch static color0-7: Color1 8-15: Colour2 16-23: Colour3 24-31: Colour4 32-39: Colour5 40-47: Colour6 48-55: Colour7 56-63: Colour8 64-71: Colour9 72-79: Colour10 80-87: Colour11 88-95: Colour12 96-103: Colour13 104-111: Colour14 112-119: Colour15 120-127: Colour16 128-135: Colour17 136-143: Colour18 144-151: Colour19

	152-159: Colour20 160-167: Colour21 168-175: Colour22 176-183: Colour23 184-191: Colour24 192-199: Colour25 200-207: Colour26 208-215: Colour27 216-223: Colour28 224-231: Colour29 232-239: Colour30 240-247: Colour31 248-255: Colour32
51-162	51-54: PA lamp effect 1; 55-58: PA lamp effect 2; Increasing by 4 DMX values, 159-162: Pa lamp effect 28
163-200	Par light auto all effect
201-220	Par light sound mode 1, Silent control effect running slowly
221-255	PA light sound mode 2, silent control to turn off the light

Par light color temperature CCT channel

0-10	NO
11-20	2000K
21-30	2200K
31-40	2400K
41-50	2600K
51-60	2800K
61-70	3200K
71-80	3600K
81-90	4000K
91-100	4400K
101-110	4800K
111-120	5200K
121-130	5600K
131-140	6000K
141-150	6400K
151-160	6800K
161-170	7200K
171-180	7600K
181-190	8000K
191-200	8400K
201-210	8800K
211-220	9200K
221-230	9600K
231-255	10000K

Auxiliary light effect mode channel

0-10	NO
11-12	Auxiliary light auto effect 1
13-14	Auxiliary light auto effect 2
15-16	Auxiliary light auto effect 3
17-18	Auxiliary light auto effect 4
19-20	Auxiliary light auto effect 5
21-22	Auxiliary light auto effect 6
23-24	Auxiliary light auto effect 7
.....	
165-166	Auxiliary light auto effect 78
167-168	Auxiliary light auto effect 79
169-170	Auxiliary light auto effect 80
171-172	Auxiliary light auto effect 81
173-174	Auxiliary light auto effect 82
175-190	Auxiliary light auto effect 83
190-200	Auxiliary light auto all effect
201-220	Auxiliary light voice control effect mode 1, slow running effect during silent control
221-255	Auxiliary light voice control effect mode 1, turn off the light when there is no sound control

Auxiliary Light Static Color Channel

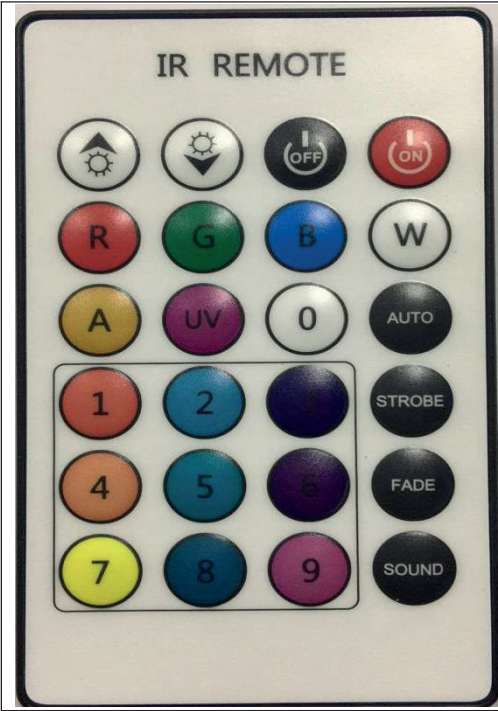
0-10	NO
11-39	Red
40-79	Green
80-119	Blue
120-159	Red+Green
160-199	Green+Blue
200-239	Red+Blue
240-255	Red+Green+Blue

Advanced parameter settings: (In A001 DMX mode, press the confirm button for 3 seconds to enter)

Red	000-255	Par Red current limit; 9leds fully open with a power of about 10W, cannot be adjusted to exceed the limit
Green	000-255	Par Green current limit; 9leds fully open with a power of about 13.5W, cannot be adjusted to exceed the limit
Blue	000-255	Par Blue current limit; 9leds fully open with a power of about 13.5W, cannot be adjusted to exceed the limit
White	000-255	Par White current limit; 9leds fully open with a power of about 13.5W, cannot be adjusted to exceed the limit
Yellow	000-255	Par Yello current limit; 9leds fully open with a power of about 13.5W, cannot be adjusted to exceed the limit

Purple	000-255	Par Purple current limit; 9leds fully open with a power of about 13.5W, cannot be adjusted to exceed the limit
RGB-R	000-255	Auxiliary Light Red current dimming
RGB-G	000-255	Auxiliary Light Green current dimming
RGB-B	000-255	Auxiliary Light Blue current dimming
State	OFF	Only light up monochrome when setting the current
	ON	Fully lit when setting the current
Temp	40-95	Temperature reduction power starting temperature value
Pow	OFF / ON	DMX dimming delay OFF/ON
	049-230	Power estimation compensation parameters; Less than 50 displays OFF

Remote Control Instructions



1. Dimming up key
2. Dimming down key
3. OFF light off pause
4. ON light on operation
5. The R, G, B, W, A, and UV keys are available in six monochrome colours
6. The 0 key is the A001 console receiving mode, and the up and down keys are used to adjust the address
7. The 1-9 numeric keys provide 9 colour blends
8. The AUTO key changes colour, and the up and down keys adjust speed
9. STROBE key for flashing, up and down keys to adjust speed
10. FADE key for colour gradient, up and down keys to adjust speed
11. The SOUND key is for voice control, and the up and down keys are used to adjust the voice control mode

In the REM-ADJ menu, operate the remote control. ON and OFF turn the remote control on.

The two buttons on the left are brightness increase and decrease buttons. RGBW and the various colour buttons are quick colour light buttons. FLASH is for jumping, STROBE is for strobe, FADE is for pulse, and SMOOTH is for gradual change.

App and Mini Program Operations: Under the App-ADJ menu, the App and Mini Program interface will appear as follows:

WIFI function

To control the lights using Wi-Fi, please set the lights to Wi-Fi mode and connect them to a Wi-Fi device with the Wi-Fi name LED_ xxx.
You can choose to download and use either the LED LAMP or Show-Lamp software, depending on your usage habits.

LED LAMP software download:



Show-Lamp software download



Open the mobile app or mini-program, tap "Search Devices," and select " LED-APP" from the search results . When connected, the Bluetooth icon will turn green, and the toggle switch will also turn green. Select the colour and colour ring. Adjusting the brightness bar will control the light's brightness, and sliding the colour ring will select the desired colour. The toggle switch turns the light on and off. Tap the Bluetooth icon to disconnect while the device is connected. The mini-program must be closed and exited from the background to be truly closed before other users can connect.

When selecting a channel, the channel interface will appear, acting as a small control panel. Sliding the channel bar corresponds to the DMX512 's channel functions. Channels A /B/C/D are page-turning keys.

5. Trouble Shooting

Following are a few common problems that may occur during operation. Here are some suggestions for easy troubleshooting:

A. The unit does not work, no light and the fan does not work

1. Check the connection of power and main fuse.
2. Measure the mains voltage on the main connector.
3. Check the power on LED.

B. Not responding to DMX controller

1. DMX LED should be on. If not, check DMX connectors, cables to see if link properly.
2. If the DMX LED is on and no response to the channel, check the address settings and DMX polarity.
3. If you have intermittent DMX signal problems, check the pins on connectors or on PCB of the unit or the previous one.
4. Try to use another DMX controller.
5. Check if the DMX cables run near or run alongside to high voltage cables that may cause damage or interference to DMX interface circuit.

C. One of the channels is not working well

1. The stepper motor might be damaged or the cable connected to the PCB is broken.
2. The motor's drive IC on the PCB might be out of condition

6. Fixture Cleaning

The cleaning of internal and external optical lenses and/or mirrors must be carried out periodically to optimise light output. Cleaning frequency depends on the environment in which the fixture operates: damp, smoky or particularly dirty surrounding can cause greater accumulation of dirt on the unit's optics.

Clean with soft cloth using normal glass cleaning fluid.

Always dry the parts carefully.

Clean the external optics at least every 20 days. Clean the internal optics at least every 30/60 days.