FD-740Z



User manual

Please read this user manual before using this product

1. Checking before using

No.	Item	Quan	Unit
1	Light	1	piece
2	Power cable with blue head	1	piece
3	User manual	1	piece

★For security reasons and in accordance with the terms, reassemble or modify the product is not allowed without permission. Please note that due to human damage caused by improper use of the product, it will break the warranty qualification. Moreover, the unprofessional operation may lead to short circuits, burns or electric shock, and so on.

★This device has been full inspection before shipping. For your safety, please operate it according the User Manual.

★If any damage caused by improper operation will result in the termination of the warranty claims. The manufacturer does not accept any responsibility of property damage due to improper operation or personal injury due to non-compliance with the operating instructions.

★Keep the manual in a safe place for future reference as well as after the product sale, lease, etc.

★Note: Based on product improvements, specification may change without notice. Changes in product specifications related rights will be reserved.

2. Safety Instruction



1. When opening the packing, take all accessories out, and remove the light to a horizontal table for good operation. First check whether the accessories are complete, then check carefully whether the whole light has no damage. If there is any damage, please contact us as soon as possible.

2. AC Power: Check whether the local power supply is accordance with the
requirements of the product rated voltage.

3. The product is only suitable for indoor working environment. The light should
keep dry, keep away from wet, overheat or dusty environment. Don't come into contact with water and other liquids to prevent or reduce the risk of electric shock or fire.

4. Please do not install the light directly on the surface of the combustible substance.

5. The people who install, operate and maintain of light professional certificate required.

6. When there are faults of the light, please stop using the light immediately. Don't try to repair, please contact the nearest authorized technical assistance center, if the parts damage, always use the same type of parts replaced.

7. Don't touch any electrical wiring in the process of operation to prevent the risk of electric shock.

8. To make sure the light working environment temperature, the highest do not exceed 40℃, the lowest do not exceed - 20 ℃.

9. Under the stable cooling working situation, the highest temperature of the housing of the light can reach 80 ℃, please do not touch.

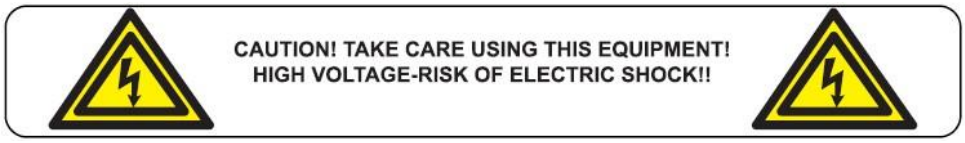
10. The light is design according to the type of electric shock protection. The light should be use in good connection grounding power system and the earth sign port of the light should be connected to the installing fixtures.

11. Do not use the damage of the insulating layer wire and also do not use the power cord overlap on the other wire. When not in use or clean the light, please disconnect the power, don't pull the plug in hard or just drag the

wires.

12. There are no components inside for maintenance. Before start operation the light, please check whether all of the shell is installed. In the case of the shell open used the light is prohibited.

Note: Before performing any installation, repair and cleaning of the lamp, please confirm that the power cable has been cut off.



3. Product specification

1.Voltage: AC100-240V, 50-60Hz
2.Power consumption: 300W
3.Light source: 7pcs 40W RGBW 4in1 LED
4.Beam angle: 5-45 °
5.Control mode: voice control, self-propelled, DMX, master / slave.
6.Channel: 5CH,6CH,7CH,9CH,-9CH,10CH,11CH,13CH.
7.Display: TFT full color display
8.Size: 296 * 220 * 436mm
9.Net weight: 7.8kg

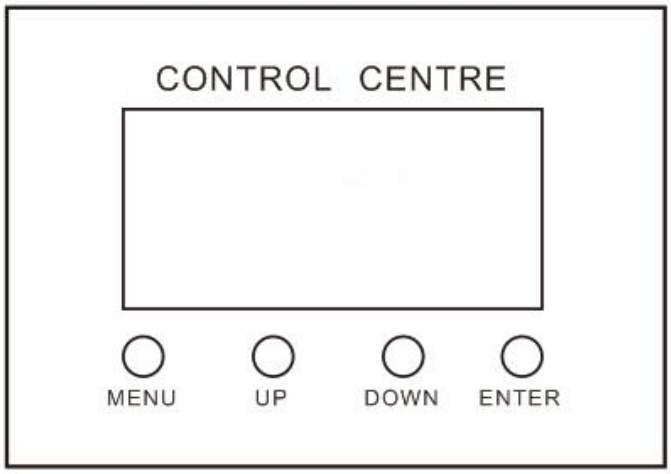
4. Display Main Function

Display Interface					
Main Menu	MENU DOWN UP ENTER	Address	001-512	Modify the address code	
			000C-080C	Temperature Display	
		Patterm	5.6.7.9.-9.10	Channel Mode Display	
			11,13CH		
		Manual control	Red	000-255	Red Dimming
			Green	000-255	Green Dimming
			Blue	000-255	Blue Dimming
			White	000-255	White Dimming
			Strobe	00HZ--20HZ	Strobe from slow to fast
			Macro	S-0--S-6	1-6,Selection of built-in 6 program
			Speed	000-100	Macro speed Setting
			Focusing	000-255	Focusing manually adjusted
		Program	00-50	Speed adjustment of Auto-run adjustment	
		Voice	00-50	Sensitivity adjustment of voice control program	

Background Operation	In modify address ,press the "Enter"confirmation key 5 seconds to dto enter the background. DOWN--back UP--forward ENTER--determine the exit	Red	100-255	Red current setting
		Green	100-255	Green current setting
		Blue	100-255	Blue current setting
		White	100-255	White current setting
		Patterm	5.6.7,9,-9	Channel mode Setting
			10.11.13CH	
		Reverse	NO	Macro speed Setting from fast to slow
			YES	Macro speed Setting from slow to fast
		Dimming	TG-0--TG-4	
		Trip	000-200	Focusing Trip Setting
		Position	000-200	Focusing Position Setting
		Send out	NO	Set background values online
			YES	YES--valid，,press the "Enter" key to send

When the temperature sensor is installed, the fan starts when the temperature is greater than or equal to 42 degrees Celsius, and stops when the temperature is less than 38 degrees Celsius.Start the intelligent constant temperature function when the temperature is greater than 65 degrees.

5. Display Function Instruction



6.1,DMX 512 Channel Mode 5 Channel Mode

CH05 5 Channel Mode	Channel Function	DMX Value	Function Description
CH1	focusing	0-255	0 invalid,1-255 Linear adjustment
CH2	Red	0-255	0-100%W Red Dimming
CH3	Green	0-255	0-100%W Green Dimming
CH4	Blue	0-255	0-100%W Blue Dimming
CH5	White	0-255	0-100%W White Dimming

6.2,DMX 512 Channel Mode 6 Channel Mode

CH06 6 Channel Mode	Channel Function	DMX Value	Function Description
CH1	focusing	0-255	0 invalid,1-255 Linear adjustment
CH2	Master Dimming	0-255	0-100% Red、Green、Bluse、White Dimmming
CH3	Red	0-255	0-100%W Red Dimming
CH4	Green	0-255	0-100%W Green Dimming
CH5	Blue	0-255	0-100%W Blue Dimming
CH6	White	0-255	0-100%W White Dimming

6.3,DMX 512 Channel Mode 7 Channel Mode

CH07 7 Channel Mode	Channel Function	DMX Value	Function Description
CH1	focusing	0-255	0 invalid,1-255 Linear adjustment
CH2	Master Dimming	0-255	0-100% Red、Green、Bluse、White Dimmming
CH3	Red	0-255	0-100%W Red Dimming
CH4	Green	0-255	0-100%W Green Dimming
CH5	Blue	0-255	0-100%W Blue Dimming
CH6	White	0-255	0-100%W White Dimming
CH7	Strode	0-255	0-12 No operation,13-255，0-20 times/second Strobe from slow to fast

6.4,DMX 512 Channel Mode 9 Channel Mode(A)

CH09 9 Channel Mode A	Channel Function	DMX Value	Function Description
CH1	focusing	0-255	0 invalid,1-255 Linear adjustment
CH2	Master Dimming	0-255	0-100% Red、Green、Bluse、White Dimmming
CH3	Red	0-255	0-100%W Red Dimming
CH4	Green	0-255	0-100%W Green Dimming
CH5	Blue	0-255	0-100%W Blue Dimming
CH6	White	0-255	0-100%W White Dimming
CH7	Strode	0-255	0-12 No operation,13-255，0-20 times/second Strobe from slow to fast

CH8	Macro	0-3	Invalid
		4-39	Colors go in slowly and out fastly
		40-75	Colors go in slowly and out slowly
		76-111	Colors go in fastly and out slowly
		112-147	Color, gradient changes
		148-183	Color,jump changes
		184-219	Color,Pulse variable
		220-255	Voice control Funtion
CH9	Macro Speed	0-255	Macro Speed，0-100% Speed adjustmentfrom slow to fast

6.5,DMX 512 Channel Mode 9 Channel Mode(B)

CH-9 9 Channel Mode B	Channel Function	DMX Value	Function Description
CH1	focusing	0-255	0 invalid,1-255 Linear adjustment
CH2	Master Dimming	0-255	0-100% Red、Green、Bluse、White Dimmming
CH3	Strode	0-255	0-12 No operation,13-255，0-20 times/second Strobe from slow to fast
CH4	Macro	0-3	Invalid
		4-39	Colors go in slowly and out fastly
		40-75	Colors go in slowly and out slowly
		76-111	Colors go in fastly and out slowly
		112-147	Color, gradient changes
		148-183	Color,jump changes
		184-219	Color,Pulse variable
		220-255	Voice control Funtion
CH5	Macro Speed	0-255	Macro Speed，0-100% Speed adjustmentfrom slow to fast
CH6	Red	0-255	0-100%W Red Dimming
CH7	Green	0-255	0-100%W Green Dimming
CH8	Blue	0-255	0-100%W Blue Dimming
CH9	White	0-255	0-100%W White Dimming

6.6,DMX 512 Channel Mode 10 Channel Mode

CH10 10 Channel Mode	Channel Function	DMX Value	Function Description
CH1	focusing	0-255	0 invalid,1-255 Linear adjustment
CH2	Master Dimming	0-255	0-100% Red、Green、Bluse、White Dimmming
CH3	Red	0-255	0-100%W Red Dimming
CH4	Green	0-255	0-100%W Green Dimming
CH5	Blue	0-255	0-100%W Blue Dimming
CH6	White	0-255	0-100%W White Dimming
CH7	Strode	0-255	0-12 No operation,13-255，0-20 times/second Strobe from slow to fast

CH8	Macro	0-3	Invalid
		4-39	Colors go in slowly and out fastly
		40-75	Colors go in slowly and out slowly
		76-111	Colors go in fastly and out slowly
		112-147	Color, gradient changes
		148-183	Color,jump changes
		184-219	Color,Pulse variable
		220-255	Voice control Funtion
CH9	Macro Speed	0-255	Macro Speed，0-100% Speed adjustmentfrom slow to fast
CH10	Color temperature	0-255	0 invalid,1-255,3200-7500K Linear adjustment
	color selector	0-15	Invalid

6.7,DMX 512 Channel Mode 11 Channel Mode

CH11 **11 Channel Mode**	**Channel Function**	**DMX Value**	**Function Description**
CH1	focusing	0-255	0 invalid,1-255 Linear adjustment
CH2	Master Dimming	0-255	0-100% Red、Green、Bluse、White　Dimmming
CH3	Red	0-255	0-100%W Red Dimming
CH4	Green	0-255	0-100%W Green Dimming
CH5	Blue	0-255	0-100%W Blue Dimming
CH6	White	0-255	0-100%W White Dimming
CH7	Strode	0-255	0-12 No operation,13-255，0-20 times/second　Strobe from slow to fast
CH8	Macro	0-3	Invalid
		4-39	Colors go in slowly and out fastly
		40-75	Colors go in slowly and out slowly
		76-111	Colors go in fastly and out slowly
		112-147	Color, gradient changes
		148-183	Color,jump changes
		184-219	Color,Pulse variable
		220-255	Voice control Funtion
CH9	Macro Speed	0-255	Macro Speed，0-100% Speed adjustmentfrom slow to fast
CH10	Color temperature	0-255	0 invalid,1-255,3200-7500K Linear adjustment
CH11	color selector	0-15	Invalid
		16_31	R
		32-47	A
		48-63	Y1
		64-79	Y2
		80-95	G

		96-111	T
		112-127	C
		128-143	B
		144-159	L
		160-175	M1
		176-191	M2
		192-207	P
		208-223	CTO,3200K
		224-239	CTO,5600K
		240-255	CTO,7200K

6.8,DMX 512 Channel Mode 13 Channel Mode

CH13 13 Channel Mode	Channel Function	DMX Value	Function Description
CH1	focusing	0-255	0 invalid,1-255 Linear adjustment
CH2	Master Dimming	0-255	0-100% Red、Green、Bluse、White Dimmming
CH3	Red	0-255	0-100%W Red Dimming
CH4	Green	0-255	0-100%W Green Dimming
CH5	Blue	0-255	0-100%W Blue Dimming
CH6	White	0-255	0-100%W White Dimming
CH7	Strode	0-255	0-12 No operation,13-255，0-20 times/second Strobe from slow to fast
CH8	Macro	0-3	Invalid
		4-39	Colors go in slowly and out fastly
		40-75	Colors go in slowly and out slowly
		76-111	Colors go in fastly and out slowly
		112-147	Color, gradient changes
		148-183	Color,jump changes
		184-219	Color,Pulse variable
		220-255	Voice control Funtion
CH9	Macro Speed	0-255	Macro Speed，0-100% Speed adjustmentfrom slow to fast
CH10	Color temperature	0-255	0 invalid,1-255,3200-7500K Linear adjustment
CH11	color selector	0-15	Invalid
		16_31	R
		32-47	A
		48-63	Y1
		64-79	Y2
		80-95	G
		96-111	T
		112-127	C
		128-143	B

		144-159	L
		160-175	M1
		176-191	M2
		192-207	P
		208-223	CTO,3200K
		224-239	CTO,5600K
		240-255	CTO,7200K
CH12	Color Hue	0	Invalid
		1-85	From Red to Green ,Linear adjustment
		86-170	From Green to Blue ,Linear adjustment
		171-255	From Blue to Red ,Linear adjustment
CH13	Color Saturation	0-255	0 invalid，1-255，Linear adjustment from high to low