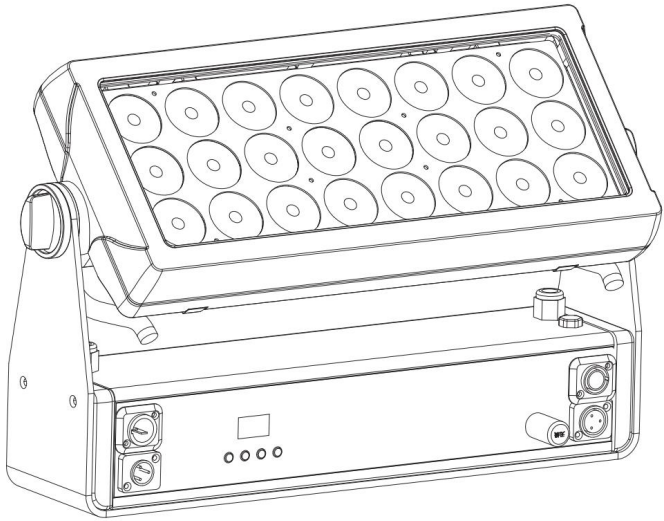
intella
system



Storm500C

USER MANUAL

INTRODUCTION

Thank you for having chosen our LED lighting
Unpack the device, inside the box you should find:
The fixture device
One power cable
One XLR connection cable
This manual
Please check carefully that there is no damage caused by transportation. Should there be any problems, consult your dealer and don't install this device.

DESCRIPTION

Features

- Easy multi fixture hanging system, outdoor version available
- 24pcs X 20W 4in1 RGBW LED, no ultraviolet radiation
- More than 20,000 hours for the LED light source
- 15,000 lm
- 12 degrees， By adding a brilliant diffuser lens, It expands the possibilities of wider beam angle 30，40，60，80 ，10*90 degrees
- 1/2/3/4/6/8/9/10/15/ 18/22DMX channels
- 16 Bit Dimmer
- DMX Mode /Master-slave mode
- AC 100-240V 50/60Hz 500W
- Diecasting heatsink with fans control, convection cooling, With temperature sensor to extend the lamp life
- 1000/5000/10000Hz LED scan rate selectale
- L: 478mm H: 313mm W: 144mm
- IP65

SAFETY INSTRUCTIONS

This device has left the factory in 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.
This device falls under protection-class I. Therefore it is essential that

the device should be earthed.
The electric connection must carry out by qualified person.
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.

Make sure that the available voltage is not higher than stated at the end of this manual.

Make sure the power cord is never crimped or damaged by sharp edges.
If this would be the case, replacement of the cable must be done by an authorized dealer.

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.

Never look directly into the light source, as sensitive persons may suffer an epileptic shock.

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.

DMX-512 control connection

The product has a DMX 512 input fitted with 3-pin XLR connectors. Screened cables in compliance with EIA RS-485 specifications and the following characteristics must be used for connections:
- 2 conductors plus screen
- 120Ohm impedance
- low capacitance
- max. transmission rate 250kBaud.

DMX-512 connection with DMX terminator

For installations where the DMX cable has to run a long distance or is in an electrically noisy environment, such as in a discotheque, it is recommended to use a DMX terminator. This helps in preventing

corruption of the digital control signal by electrical noise. The DMX terminator is simply an XLR plug with a 120 OHM resistor connected between pins 2 and 3,which is then plugged into the output XLR socket of the last fixture in the chain.

Display Menu

Menu	Sub-menu	Value
Address	Set Address	0 - 255
Config Mode	Channel Mode	1ch/2ch/3ch/4ch/6ch/8ch/ 9ch/10ch/15ch/18/22
	Scan Rate	1000Hz
		5000Hz
		10000Hz
	Dimmer Curve	Mode L
		Mode S
		Mode I
		Mode Q
	DMX Status	Enable
		Disable
	Fan Speed	low
		standard
		high
	WDMX Power	On
		Off
	WDMX Mode	Wait…
	Display Mode	Enable/Disable
System Info	Temperature	Head XX ℃
		Body XX ℃
	Fixture Time	XXXXX
Color	Red	0 - 255

Menu	Green	0 - 255
	Blue	0 - 255
	White	0 - 255
White Balance	Red	0 - 255
	Green	0 - 255
	Blue	0 - 255
Static Color		0 - 51
Auto Test		Auto Mode 1 Auto Mode 2 Auto Mode 3 Auto Mode 4
Auto Speed		0 - 40
Load Default		True/False
Firmware Versio		Software version

Main functions

1. Address: Current DMX address

A. Setting DMX address by button

press **ENTER** button when show the **address** menu, then adjust the DMX address by pressing **[UP]** or **[DOWN]** button

Press **[ENTER]** to confirm or press **[ESC]** to return to main menu**.**

B. Setting DMX address by controller

1.Set the DMX value of channel 5 to 10-15,channel 17 to 20-26, channel 7 to 30-36,channel 8 to 40-46,then the devices connected to the controller will enter to the setting address mode

2. Set the DMX value of **channel 1** from 0-59,then you will see the first number of the Address change to (channel 1 value)/10. **For example**, when set the value of channel 1 to 20,the first DMX address number will be 2(20/10=2),

3. Set the DMX value of **channel 2** from 0-99,then you will see the second number of the Address change to (channel 2 value)/10.
For example, when set the value of channel 2 to 30,the first DMX address number will be 2(30/10=3),
4.Set the DMX value of **channel 3** from 0-99,then you will see the third number of the Address change to (channel 3 value)/10.
For example, when set the value of channel 1 to 40,the first DMX address number will be 3(40/10=4),
And the DMX address you set by controller will be 234.
5. Set the DMX value of **channel 4** to 255,then you will save the DMX address settled by the controller.
Caution: It won't save the address if the address number is over 512
6. set the value of channel 5-8 out of the value range show on the step 1,and the device will exit the setting address mode

2. Config.

Setting DMX mode

press **ENTER** button when show the **channel** menu, then select the DMX mode by pressing **[UP]** or **[DOWN]** button

Setting Dimmer Curve

press **ENTER** button when show the **dimmer curve** menu, then select the dimmer curve by pressing **[UP]** or **[DOWN]** button

Setting Cipher

press **ENTER** button when show the **cipher setup** menu, then setup cipher by pressing **[UP]** or **[DOWN]** button

Key mode

press **ENTER** button when show the **key mode** menu, then select lock or unlock by pressing **[UP]** or **[DOWN]** button

Show Temperature

press **ENTER** button when show the **Temp Unit CS** menu, select the way of showing the fixture's temperature in ℃ or ℉ by pressing **[UP]** or **[DOWN]** button

DMX status

press **ENTER** button when show the **DMX Status** menu, then

select clear value or hold value by pressing **[UP]** or **[DOWN]** button

Display mode

press **ENTER** button when show the **Display Mode** menu, then select auto or on by pressing **[UP]** or **[DOWN]** button

3. System info

Temperature

press **ENTER** button when show the **Temperature** menu, then it will show the temperature of the fixture

Fixture time

press **ENTER** button when show the **Fixture time** menu, then it will show how long time of the fixture already used

4. Color menu

press **ENTER** button when show the **Color** menu, press **Enter** button to select the color mode, then adjust the color by pressing **[UP]** or **[DOWN]** button

5. White balance

press **ENTER** button when show the **white balance** menu, press **Enter** button to select the color mode, then adjust the color by pressing **[UP]** or **[DOWN]** button

6. Auto test

press **ENTER** button when show the **auto test** menu, select test mode by pressing **[UP]** or **[DOWN]** button

DMX functions and values

1 ch Mode		
Ch	**Value**	**Function**
1	0-255	Static Color

2 ch Mode		
Ch	**Value**	**Function**
1	0-7	Blackout

	8-15	Shutter Open
	16-151	Strobe
	152-175	Fade In
	175-199	Fade Out
	200-244	Random Strobe
	245-255	Shutter Open
2	0-255	Master Dimmer

3 ch Mode		
Ch	**Value**	**Function**
1	0-255	Red
2	0-255	Green
3	0-255	Blue

4 ch Mode		
Ch	**Value**	**Function**
1	0-255	Red
2	0-255	Green
3	0-255	Blue
4	0-255	White

6 Ch Mode		
Ch	**Value**	**Function**
1	0-7	Blackout
	8-15	Shutter Open
	16-151	Strobe
	152-175	Fade In
	175-199	Fade Out
	200-244	Random Strobe
	245-255	Shutter Open
2	0-255	Master dim

3	0-255	Red
4	0-255	Green
5	0-255	Blue
6	0-255	White

8 Ch Mode		
Ch	**Value**	**Function**
1	0-255	Red
2	0-255	Fine Red
3	0-255	Green
4	0-255	Fine Green
5	0-255	Blue
6	0-255	Fine Blue
7	0-255	White
8	0-255	Fine White

9 Ch Mode		
Ch	**Value**	**Function**
1	0-255	Master Dimmer
2	0-255	Red
3	0-255	Fine Red
4	0-255	Green
5	0-255	Fine Green
6	0-255	Blue
7	0-255	Fine Blue
8	0-255	White
9	0-255	Fine White

10 Ch Mode 16BIT		
Ch	**Value**	**Function**
1	0-255	Master Dimmer
2	0-255	Fine Master Dimmer

3	0-255	Red
4	0-255	Red dimmer fine
5	0-255	Green
6	0-255	Green dimmer fine
7	0-255	Blue
8	0-255	Blue dimmer fine
9	0-255	White
10	0-255	White dimmer fine

15 Ch Mode		
Ch	**Value**	**Function**
1	0-255	Master Dimmer
2	0-255	Fine Master Dimmer
3	0-255	Red1
4	0-255	Green1
5	0-255	Blue1
6	0-255	White1
7	0-255	Red2
8	0-255	Green2
9	0-255	Blue2
10	0-255	White2
11	0-15 16-255	Shutter Open Strobe From Slow To Fast
12	0-35 36-71 72-107 108-143 144-179 180-215 216-255	Shutter Open Fade Out Fade In Fade In and Out Fade By SIN Curve Four Color Flow Eight LEDs Flow
13	0-255	Static Color
14	0-255	Dimmer Speed
15	0-63 64-127 128-191 192-255	Linear Square Invert Square S-Curve

18 Ch Mode

Ch	Value	Function
1	**0-7 8-15 16-151 152-175 175-199 200-244 245-255**	**Blackout Shutter Open Strobe Fade In Fade Out Random Strobe Shutter Open**
2	0-255	Master Dimmer
3	0-255	Red1
4	0-255	Green1
5	0-255	Blue1
6	0-255	White1
7	0-255	Red2
8	0-255	Green2
9	0-255	Blue2
10	0-255	White2
11	0-255	Red3
12	0-255	Green3
13	0-255	Blue3
14	0-255	White3
15	0-255	Red4
16	0-255	Green4
17	0-255	Blue4
18	0-255	White4

22 Ch Mode

Ch	Value	Function
1	0-255	Master Dimmer
2	0-255	Red1
3	0-255	Green1
4	0-255	Blue1
5	0-255	White1
6	0-255	Red2

7	0-255	Green2
8	0-255	Blue2
9	0-255	White2
10	0-255	Red3
11	0-255	Green3
12	0-255	Blue3
13	0-255	White3
14	0-255	Red4
15	0-255	Green4
16	0-255	Blue4
17	0-255	White4
18	0-15 16-255	Shutter Open Strobe From Slow To Fast
19	0-255	Color macro, color+black
20	0-35 36-71 72-107 108-143 144-179 180-215 216-255	Shutter Open Fade Out Fade In Fade In and Out Fade By SIN Curve Four Color Flow Eight LEDs Flow
21	0-255	Dimmer Speed
22	0-63 64-127 128-191 192-255	Linear Square Invert Square S-Curve

CLEANING AND MAINTENANCE

We recommend a frequent cleaning of the device. Please use a soft lint-free and moistened cloth. Never use alcohol or solvents!

CAUTION!
Disconnect from mains before starting maintenance operation.

There are no serviceable parts inside the device. Maintenance and service operations are only to be carried out by authorized dealers. If you need any spare parts, please use genuine parts.
If the power supply cable of this device becomes damaged, it has to be replaced by authorized dealers only in order to avoid hazards.
If you have further questions, please contact your dealer.

INSTALLATION

The device must only be installed at a vibration-free, oscillation-free and fire-resistant location.