EUROCLUB LED WASH MOVING HEAD

 **SPARK 800**

 

Model : SPARK 800

 Weight ：17.0KG

 Power ：800W

 Color ：RGBW

**ITEM**

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**2 Application notice**

1: please check if device get loose during transportation .and ke ep regular maintenance

2: keep voltage steady-going , or  the lamp can be damaged easily

3: please check the voltage if it get abnormal , do not switching on / off frequently

4: keep dry and ventilated for a long service life .

5: make sure switch off during installation and disassembly

Do not take out without authorization when fixture get abnormal

Should ask a professionals for inspection .

6: Install the stand , adjust the angel , connect the power supply and grand wire .

the computer will self - check about 30 seconds automatically after power up

7: do not look straight at light  avoid any damage to eyes .

8: please use over 2.0 square wire .

9: no combustible or explosive materials around 0.5 m of light , do not touch the light by hands , 10: Make sure Disconnection of power supply when installation and maintenence .

**3 Parts introduction**



01

02

03

04

05

01 —Lens

02 —Hands

03 —Body

04 —Hands

05 —Bottom

**4 size**

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**5 product information**

1 : specification

Mix color equal , smooth color change , 37 pcs lamp can work as 4 group .

Use high transmittance France GAGGIONE LENSE

CH ：14/25/30CH;

Source ：15W RGBW 4 in 1 LED;

Voltage : 110-240V,50/60Hz;

Power : 800W;

Display : Touch screen ;

Lens : France Gaggione lens ，with zoom , Lens degree : 8 degree

Zoom : 7.9-38°

Dim : 0—100% linear Dim ;

Pan : 540°,8/16Bit;

Tilt : 270° , 8/16Bit;

IP: IP20;

Size : 413x320x486mm;

Carton : 535x440x585mm;

Weight: 17KG;

Gross weight ：20KG.

2: luminous diagram



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| **6.CONTROL PANELMENU OPERATE** |
| SPARK 800 LCD DISPLAY CONTENTS |
| Main Menu | Submenu 1 | Submenu 2 |  Function SET | Function description |
| DmxAddr | << |  | 001-512 | address minimum value 1 |
| < | address + 1 |
| > | address -1 |
| << | address maximum value 512 |
|  | SAVE | save date and back to maininterface |
| ESC | back to main interface |
| FEATURES SETTING | Run Mode |  | DMX | DMX  |
| Wire |  Inactive |
| Aoto |  Inactive |
| Channel Mode |  | 14CH | 14CH |
| 25CH | 25CH |
| 30CH | 30CH |
| Pan Reverse |  | Off | Pan Scan Normal |
|  | On | Pan Scan Reverse |
| Tilt |  | Off | Tilt Scan Normal |
| Recerse |  | On | Tilt Scan Reverse |
| Opto Check |  | Off | Pan/Tilt optical sensor testing off |
|  | On | Pan/Tilt optical sensor testing on |
| PT Speed |  | Noml | Pan/Tilt Scan Speed setting normal |
|  | Slow | Pan/Tilt Scan Speed setting slow |
|  | Fast | Pan/Tilt Scan Speed setting fast |
| Singl Clear |  | Off | keep signal data |
| On | clear signal data |
|  | ADV | enter advanced function |
| RST | reset and back to main interface |
| SAVE | save date and back to maininterface |
| ESC | back to main interface |
| ADVANCED FUNCTION | Redress | ZEROSETTING |
| Pan | 0-255 | Motor zero calibration |
| Tilt |
| Focus |
|  | SAVE | save date and back to lastinterface |
| > | the current value + 1 |
| < | the current value - 1 |
| ESC | back to last interface |
| ChanlDef |  |  | inactive |
| FactSett |  |  | inactive |
| UseManage | Limit | LimitTime | inactive |
| limitCont | inactive |
| DefConfig | YES | restore default and exit fromthe current interface |
| NO | exit from the current interface |
|  | SAVE | save factory configuration ,exitfrom current interface |
| FacConfig | EPRT | export factory configurationexit from current interface |
|  | ESC | exit from current interface |
|  | ESC | back to last interface |
| UNLOCK | Venify1: |  | 0-255 | unlocking code |
| Venify2: |
|  | KEY | password to enter the nextinterface, Otherwise the exitfrom the current interface |
| ESC | exit from current interface |
| MANUAL | LAMP REST |  | ALL MOTER | all motors |
| XY MOTER | function inactive |
| PART MOTER | function inactive |
|  | YES | Reset the selected motor |
| ESC | back to last interface |
| TEST RUN | AUTO |  | auto |
| SOUND |  | sound control |
|  | ESC | back to main interface |
| SMULATE DMX | Beam Strobe: | 0-255 | manual control |
| Beam Dimmer: |
| Focus: |
| Pan: |
| Pan Fine: |
| Tilt: |
| Tilt Fine: |
| Function: |
| Beam Macro: |
| Beam Red: |
| Beam Green: |
| Beam Blue: |
| Beam White: |
| Colour Grad: |
| Gobo: |
| Shape Selection: |
| Shape Speed: |
| Shape Fade: |
| Shape R:  |
| Shape G: |
| Shape B: |
| Shape W: |
| Shape Dim: |
| Background Dim:  |
| Reserved:  |
|  | > | current value + 1 |
|  | < | current value - 1 |
|  | ESC | back to last interface |
| ESC |  |  | back to main interface |
| SYSTEM INFO | DMX VALUE | CH00-CH25 | 0-255 | DMX value number |
| REST INFO | Pan: | Right/Erro | Motor reset state |
| Tilt: |
| Focus: |
| Pan Opto: |
| Tilt Opto: |
|  | ESC | back to last interface |
| OTHER INFO | Run Time: | 0-9999 | fixture running how manyhours |
| Run Count: | 0-9999 | fixture running times |
| Residue T: | Most | running hours unlimited |
| Residue C: | Most | running time unlimited |
| Type: | SPARK 800 | light model |
| Temp: | xxx | led temperature |
| Fan 1: | 0-9999 | Fan 1 rotate speed |
| Fan 2: | 0-9999 | Fan 2 rotate speed |
| Lampbrand: | CN/OSM | LED brand |
| DisVersion: | Vxxx | Panel software version number |
| XY Version: | Vxxx | XY Driver software versionnumber |
| M1 Version: | Vxxx | M1 software version number |
|  | ESC | back to last interface |
| ESC |  |  | back to main interface |
| DISPLAY SETTING | Light Set: |  | 1-7Lev | Backlight brightness Settings |
| Light Off: |  | On | backlight keeps on |
| 1Min | backlight off in 1 minutes |
| 2Min | backlight off in 2 minutes |
| 3Min | backlight off in 3 minutes |
| Menu Back: |  | Off | close menu to returnautomatically |
| 1Min | The menu returns after 1minute |
| 2Min | The menu returns after 2minute |
| 3Min | The menu returns after 3minute |
| Light Flash: |  | Off | Closing backlight flashing |
| On | open backlight flashing |
| Touch Cali: |  | Off | Close touch calibration |
| On | open touch calibration |
|  | SAVE | save the date and back to maininterface |
| ESC | back to main interface |
| DIMMER SETTING | Dimmer Mode: |  | Fast | fast |
| Noml | smooth |
| Balance SW: |  | Off | The white balance off |
| On | The white balance on |
| Balance Red: |  | 0-255 | The white balance red |
| BalanceGreen: |  | The white balance green |
| Balance Blue: |  | The white balance blue |
| Balance White: |  | The white balance white |

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| SPARK 800 CHANNEL LIST  |
| **14CH** | **25CH** | **30CH** | **Function**  | **DMX value** | **Description** |
| 1 | 1 | 1 | Strobe | 0 -19 | Strobe OFF |
| 20 -24 | Strobe ON |
| 25 -64 | Strobe Fast-Slow |
| 65 -69 | Strobe ON |
| 70 -84 | Slow input Strobe Fast-Slow |
| 85 -89 | Strobe ON |
| 90 -104 | Slow output Strobe Fast-Slow |
| 105-109 | Strobe ON |
| 110-124 | Random Strobe Fast-Slow |
| 125-129 | Strobe ON |
| 130-144 | Random Slow input Strobe Fast-Slow |
| 145-149 | Strobe ON |
| 150-164 | Random Slow output Strobe Fast-Slow |
| 165-169 | Strobe ON |
| 170-184 | Pulse Strobe Fast-Slow |
| 185-189 | Strobe ON |
| 190-204 | Random Pulse Strobe Fast-Slow |
| 205-209 | Strobe ON |
| 210-224 | Strobe Fast-Slow |
| 225-229 | Strobe ON |
| 230-244 | Exposure Strobe Fast-Slow |
| 245-255 | Strobe ON |
| 2 | 2 | 2 | Dimmer | 0 -255 | Linear Dimmer Dark-Bright |
| 3 | 3 | 3 | Focus | 0 -255 | Linear Focus |
| 4 | 4 | 4 | Pan Rotation | 0 -255 | 0~540 degree |
| 5 | 5 | 5 | Pan Fine | 0 -255 | Pan Fine |
| 6 | 6 | 6 | Tilt Rotation | 0 -255 | 0~270 degree |
| 7 | 7 | 7 | Tilt Fine | 0 -255 | Tilt Fine |
| 8 | 8 | 8 | Function set  | 0 -9 | No function |
| 10 -14 | Whole light Reset |
| 15 -39 | No function |
| 40 -44 | XY Normal mode |
| 45 -49 | XY Fast mode |
| 50 -54 | XY Slow mode |
| 55-255 | No function |
| 9 | 9 | 9 | Color tempreture and Color  | 0 -9 | No function |
| 10 -14 | Red |
| 15 -19 | Green  |
| 20 -24 | Blue |
| 25 -29 | White |
| 30 -34 | 2300 |
| 35 -39 | 2500 |
| 40 -44 | 2700 |
| 45 -49 | 3000 |
| 50 -54 | 3200 |
| 55 -59 | 3300 |
| 60 -64 | 3700 |
| 65 -69 | 4300 |
| 70 -74 | 4500 |
| 75 -79 | 4600 |
| 80 -84 | 5000 |
| 85 -89 | 5500 |
| 90 -94 | 5600 |
| 95 -99 | 6500 |
| 100-104 | Light yellow |
| 105-109 | Apple Green |
| 110-114 | Pink |
| 115-119 | Orange |
| 120-124 | Deep Orange |
| 125-129 | UV |
| 130-134 | No function |
| 135-174 | Color clockwise run from fast to slow |
| 175-179 | Stop |
| 180-219 | Color anticlockwise run from slow to fast |
| 220-224 | No function |
| 225-255 | Random color Fast-Slow |
| 10 | 10 | 10 | Red beam  | 0-255 | Red Dimmer Dark-Bright |
| 11 | 11 | 11 | Green beam  | 0-255 | Green Dimmer Dark-Bright |
| 12 | 12 | 12 | Blue beam  | 0-255 | blue dark - bright  |
| 13 | 13 | 13 | White beam  | 0-255 | white dark- bright  |
| 14 | 14 | 14 | Color slow change  | 0 -7 | No function |
| 8 -39 | Red to Yellow |
| 40 -71 | Yellow to Green |
| 72 -103 | Green to Cyan |
| 136-167 | Blue to Magenta |
| 168-199 | Magenta to Red |
| 200-231 | Red to White |
| 232-255 | Color change slow - fast  |
| \* | 15 | \* | LED gobo  | 0 -4 | NO gobo |
| 5 -9 | Gobo1 |
| 10 -14  | Gobo2 |
| 15 -19 | Gobo3 |
| … | … |
| 190 -194 | Gobo38 |
| 195 -199 | Gobo39 |
| 200 -204 | Gobo40 |
| 205 -224 | Gobo change slow down |
| 225 -234 | stop |
| 235 -255 | Gobo change speed up |
| \* | 16 | \* | Built-in effects | 0 -4 | No function |
| 5 -34 | Built-in effects1 |
| 35 -64 | Built-in effects2 |
| 65 -94 | Built-in effects3 |
| 95 -124 | Built-in effects4 |
| 125-154 | Built-in effects5 |
| 155-184 | Built-in effects6 |
| 185-255 | after 1 mins auto change |
| \* | 17 | \* | Effect speed | 0 -255 | LED built-in effect speed Slow-Fast |
| \* | 18 | \* | Effect slow input | 0 -255 | LED built-in effects Gradient Overlay |
| \* | 19 | \* | Effect red | 0 -255 | Red Dimmer Dark-Bright |
| \* | 20 | \* | Effect green | 0 -255 | Green Dimmer Dark-Bright |
| \* | 21 | \* | Effect blue | 0 -255 | Blue Dimmer Dark-Bright |
| \* | 22 | \* | Effect white | 0 -255 | White Dimmer Dark-Bright |
| \* | 23 | \* | Effect Dimmer | 0 -255 | Dimmer Dark-Bright |
| \* | 24 | \* | Effect backlight | 0 -255 | Dimmer Dark-Bright |
| \* | 25 | \* | Reserve | 0 -255 |  |
| \* | \* | 15 | R1Dimmer | 0 -255 | R1Dimmer Dark-Bright |
| \* | \* | 16 | G1Dimmer | 0 -255 | G1Dimmer Dark-Bright |
| \* | \* | 17 | B1Dimmer | 0 -255 | B1Dimmer Dark-Bright |
| \* | \* | 18 | W1Dimmer | 0 -255 | W1Dimmer Dark-Bright |
| \* | \* | … | … | … |  |
| \* | \* | 27 | R4Dimmer | 0 -255 | R4Dimmer Dark-Bright |
| \* | \* | 28 | G4Dimmer | 0 -255 | G4Dimmer Dark-Bright |
| \* | \* | 29 | B4Dimmer | 0 -255 | B4Dimmer Dark-Bright |
| \* | \* | 30 | W4Dimmer | 0 -255 | W4Dimmer Dark-Bright |