Stagg®

USER MANUAL

EcoPar18

SLI-ECOPAR18

Please read the instructions carefully before use

SAFETY INSTRUCTIONS

Please read the instructions carefully as they include important information about the installation, operation and maintenance.

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

- All fixtures leave the manufacturer intact. Please note that any damages incurred by the user is not covered by the guarantee.

- Unpack and check carefully that there is no transportation damage before using the unit.

- The unit is for indoor use only. Use only in a dry location.

- Use a safety bond when attaching the fixture to a lighting rig. Handle by the hanging bracket when fixing.

- The unit must be installed in a location with adequate ventilation at least 50 cm from adjacent surfaces.

- Make sure that no ventilation slot is blocked, otherwise the unit will overheat.

- Before operating, ensure that the voltage and frequency of the power supply match the power requirements of the unit.

- Make sure all equipment is properly earthed.

- Do not operate the unit if the ambient temperature is higher than 40°C.

- Do not hardwire to any mains dimmer.

- On the first run there may be some normal operational start-up smell.

- Make sure that there is no flammable material close to the unit while operating, as it is a fire hazard.

- Look over power wires carefully and replace immediately if there is any damage.

- Never run on for a long time lest shortening lifespan. Avoid any inflammable liquids, water or metal objects entering the unit. In case it happens, cut off the mains power immediately.

- Do not operate in a dirty or dusty environment. Clean fixtures regularly.
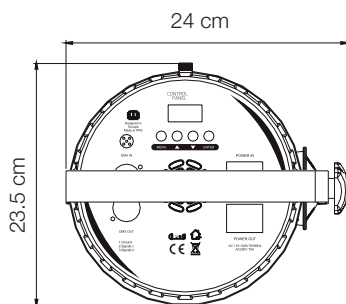
- Do not allow children unsupervised to operate the fixture.

- Do not touch any wire during operation as there might be a hazard of electric shock.

- Avoid placing power wires next to other cables.

- Disconnect the mains power before replacing or servicing the fusewires or the lamp.

- Replace fuse only with the same type.

- In the event of a serious operating problem, stop using the unit immediately.

- Never turn on and off the unit time after time.

- The housing, the lenses, or the ultraviolet filter must be replaced if they are visibly damaged.

- Do not open the unit as there is no user serviceable part inside.

- 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.

- Disconnect the mains power if the fixture is not used for a long time.

- Use the original packaging to transport regarding any warranty issue.

- Do not look directly at the LED light beam while the fixture is on.

- Do not connect more than 7 units to the same power source.

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. Always ensure that the structure to which you are attaching the unit is secure and able to support 10 times the unit's weight. Also always use a safety cable that can hold 12 times the unit's weight when installing the fixture.
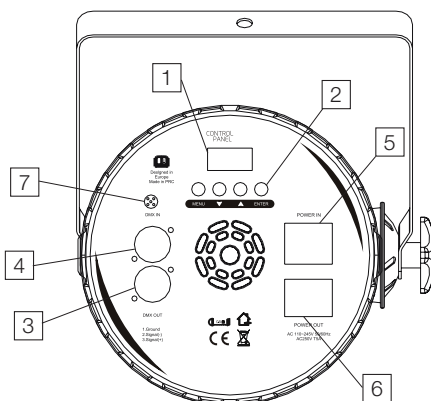
TECHNICAL SPECIFICATIONS

- LED: 18 x 1 watt

- Illuminance: 1400 lux at 3 metres (9.8')

- Beam angle: 25°

- Protocol: DMX-512, 3 or 7 channels

- Functions: Dimmer (0-100 %), strobe, auto,
  sound control, master/slave

- Display: 4-digit

- Housing: ABS

- Fixation: 2 brackets (to hang or lay the spotlight)

- Input and output: 3-pin DMX and IEC

- Cooling: Low-noise fan

- Use: Indoor

- Power consumption: 30 watts

- Dimensions: 24 x 23.5 x 8 cm (9.4 x 9.3 x 3.1»)

- Weight: 1 kg (2.2 lb)

- Included: Remote control

BACK PANEL

1. Function display
2. Menu buttons
3. DMX output
4. DMX input
5. IEC input
6. IEC output
7. Microphone

SETTING THE FIXTURE

```
                ┌─ ADDR ─┬─ 1                          DMX mode
                │        │  512
                │  CHMD ─┬─ 3CH                        Channel selection mode
                │        │  7CH
                │  SLMD ─┬─ MAST                       Master and slave mode
                │        │  SL 1
                │        │  SL 2
                │        │  SL 3
                │        │  SL 4
                │  SHMD ─┬─ COLO ─┬─ CO 1-7            Performance mode
                │        │        │  STRO ─┬─ 0
                │        │        │        │  255
                │        │  FADE ─┬─ SP 1
                │        │        │  SP 8
                │        │  SOUN ── YES
                │        │  AUTO ── YES
                │  LED  ─┬─ ON                         Switching on or off the display
                │        │  OFF
    MENU        │  DISP ─┬─ DISP                       Reversing the display
                │        │  DSIP
                │  BALA ─┬─ RED  ─┬─ 125               White balance
                │        │        │  255
                │        │  BLUE ─┬─ 125
                │        │        │  255
                │        │  GREE ─┬─ 125
                │        │        │  255
                │  MANU ─┬─ RED  ─┬─ 0                 Manual mode
                │        │        │  255
                │        │  BLUE ─┬─ 0
                │        │        │  255
                │        │  GREE ─┬─ 0
                │        │        │  255
                │  TEST                                Test mode
                │  FHRS                                Hours of operation
                │  RF   ─┬─ YES                        Remote control
                │        │  NO
                └─ TEMP                                Current temperature
```

DMX Mode

With the menu button, select the DMX mode (Addr) and press the enter key to confirm. Then use the up and down buttons to choose the desired DMX channel (1 – 512) and press the enter key to confirm. Press the menu button to return to the main menu.

Channel selection mode

With the menu button, select the channel selection mode (ChMd) and press the enter key to confirm. Then use the up and down buttons to choose the desired mode, that is 3 channels (3Ch) or 7 channels (7Ch), and press the enter key to confirm. Press the menu button to return to the main menu.

3 CH CHANNEL MODE

1 CH	2 CH	3 CH
Red	Green	Blue

7 CH CHANNEL MODE

1 CH	2 CH	3 CH	4 CH	5 CH	6 CH	7 CH
Red	Green	Blue	Dimmer	Strobe	color walking	Sound control

5 CH Strobe:
0~7 No function
8~99 Strobe(from slow to fast)
100~149 Strobe(from fast to slow)
150~199 Strobe effect 1
200~245 Strobe effect 2
246~255 Strobe,the fastest strobe effect

6 CH color walking:
0~7 No function
8~255 color auto

7 CH Sound control:
0~7 No function
8~199 color auto speed
200~255 Sound control

Master and slave mode
With the menu button, select the master and slave mode (SLMd) and press the enter key to confirm. Then use the up and down buttons to choose the desired option, that is master (MASt), slave 1 (SL1), slave 2 (SL2), slave 3 (SL3) or slave 4 (SL4), and press the enter key to confirm. Press the menu button to return to the main menu.

Performance mode
With the menu button, select the performance mode (ShMd) and press the enter key to confirm. Then use the up and down buttons to choose the desired option, that is colour (CoLo), fade (Fade), sound (Soun) or automatic (Auto), and press the enter key to confirm. Then use the up and down buttons to select the desired value and press the menu button to return to the main menu.
In the colour mode, you can select a value between 1 (Co 1) and 7 (Co 7). Each value corresponds to a specific colour. Press the enter key to confirm.
In the strobe mode, which is accessible through the colour mode, you can select a value between 0 and 255. Each value corresponds to a specific speed. Press the enter key to confirm.
In the fade mode, you can select a value between 1 (SP 1) and 8 (SP 8). Each value corresponds to a specific speed. Press the enter key to confirm.
In the sound mode, you can decide to activate (yes) or deactivate (no) the sound control. When the sound mode is on, the spotlight reacts to sound. When the sound mode is off, the spotlight does not react to sound. Press the enter key to confirm your choice and press the menu button to return to the main menu.
In the auto mode, you can choose to play a preset show in an endless loop. Press the enter key to start the auto mode. The auto mode will stop when you return to the main menu.

Switching on or off the display
With the menu button, select the switching on or off the display mode (Led) and press the enter key to confirm. Then use the up and down buttons to choose to switch on the display (on) or to switch it off (off), and press the enter key to confirm. The back led display will automatically be switched off after a few minutes (off) or will remain on as long as the spotlight is used (on). Press the menu button to return to the main menu.

Reversing the display
With the menu button, select the reversing the display mode (dISP) and press the enter key to confirm. Then use the up and down buttons to choose the display mode, that is dISP (up) or d5IP (down), and press the enter key to confirm. Press the menu button to return to the main menu.

White balance

With the menu button, select the white balance mode (bALA) and press the enter key to confirm. Then use the up and down buttons to select the desired colour, that is red (red), blue (bLue) or green (Gree), and press the enter key to confirm. Then use the up and down buttons to select a value between 125 and 255 and therefore determine the colour temperature. Press the enter key to confirm. Press the menu button to return to the main menu.

Manual mode

With the menu button, select the manual mode (MAnu) to create your own colour and press the enter key to confirm. Then use the up and down buttons to select the desired colour, that is red (red), blue (bLue) or green (Gree), and press the enter key to confirm. Then use the up and down buttons to select the desired colour (between 0 and 255). The chosen colour is automatically displayed. Press the menu button to return to the main menu.

Test mode

With the menu button, select the test mode (teSt) and press the enter key to confirm. The machine automatically starts to diffuse colours. Press the menu button to return to the main menu.

Hours of operation

With the menu button, select the hours of operation mode (Fhr5) and press the enter key to confirm. The number of hours that the device has been working is displayed. Press the menu button to return to the main menu.
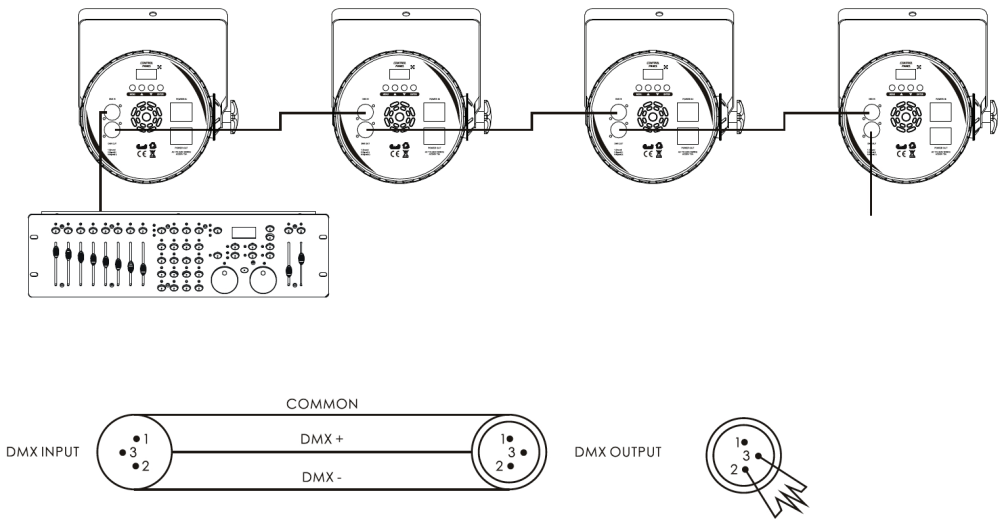
Remote control

With the menu button, select the remote control mode (rF) and press the enter key to confirm. Then use the up and down buttons to choose to activate the remote control mode (yes) or to deactivate it (no). Press the enter key to confirm. Press the menu button to return to the main menu.

Current temperature

With the menu button, select the current temperature mode (teMP) and press the enter key to confirm. The temperature of the device is displayed in degrees Celsius. Press the menu button to return to the main menu.

DMX512 CONNECTIONS

The DMX512 is widely used in intelligent lighting control, with a maximum of 512 channels.

Warning

To avoid signal transmission problems and interferences when using fixtures in chain, use a Stagg N-series professional 3-pin DMX terminator (resistance: 120 ohms; pin2: DMX-; pin3:DMX+).

FIXTURE CLEANING

An internal cleaning must be carried out periodically to optimize the light output. The cleaning frequency depends on the environment in which the fixture operates: a damp, smoky or particularly dirty surrounding can cause greater accumulation of dirt on the fixture's optics. Clean the fixture with a soft cloth and normal glass cleaning fluid. Always dry the parts carefully. Clean the internal optics at least every 30 days. Clean the external optics at least every 20 days.

INFRARED REMOTE CONTROL

Functions

1. ''ON": Turn on the fixture.
2. ''OFF": Turn off the fixture.
3. ''+" and ''-'': Adjust various parameters of the fixture.
4. ''R": Red colour setting.
5. ''G": Green colour setting.
6. ''B": Blue colour setting.
7. ''W": Not applicable.
8. ''A": Not applicable.
9. ''UV": Not applicable.
10. ''Sound": Sound function selection.
11. ''Auto": Auto function selection.
12. ''Strobe": Strobe function selection.
13. ''Color": Colour function selection.
14. ''X": Not applicable.
15. ''Y": Not applicable.

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