

FLYER

BB&S

MANUAL



Basic Kit Content:

1 x Flyer Hard Case Cat.No.2115
1 x Flyer Lamp Head Cat.No.2111
1 x FlyBall - 1/2 Grid Cloth Cat.No.2114
1 x Flyer Remote Control Cat.No.2112

1 x Beltpack V-Lock Cat.No.2094
1 x 5m Flyer Remote Cable Cat.No.2113
1 x Speedlite clamp Cat.No.2121
1 x Safety Wire 27 Cat.No. 2150
1 x Jam Nut 3/8 Cat. No. 2151

BROTHER, BROTHER & SONS ApS

The information in this manual is subject to change without notice. Go to www.brothers-sons.dk for the latest version.

Customer and Warranty service:

Contact your regional dealer. Contact information for your area can be found at www.brothers-sons.dk

RMA: When returning an item please enclose

- a.: Model and Serial number. - b.: A description of the problem - c.: The name of the owner of the equipment.
- d.: If available please include a copy of your invoice.

Disposing of this product: Help preserve the environment! Ensure that this product is recycled at the end of its life. This product is in compliance with the RoHS and WEEE directives.

In compliance with EMC standards: EN 55032 - EN 61000-3-2 - EN 61000-3-3 - EN 55103-2



Brother, Brother & Sons ApS assumes no responsibility for any errors or inaccuracies that may appear in this manual.

It is important to read ALL safety and installation instructions to avoid any damage to the product and potential injury to yourself and others.

SAFETY:

- This product is for professional use and has been designed for dry conditions only. IP20
- Do not operate the product if the ambient temperature exceeds 40°C / 104°F
- Do not mount on flammable surface.
- Only use this product if all cables, connectors and the product itself are undamaged.
- Only use Brother, Brother & Sons original Flyer Cables, they have been specifically designed for use with the Flyer.
- This is a product using High power LEDs. Do not stare directly into the LED at extended periods of time at a short distance without suitable protective eyewear. Do not look directly at the LED with optical instruments that concentrate the light output.
- Damage caused by inadequate cleaning or maintenance is not covered by the product warranty.

SERVICE: Servicing is to be performed only by qualified personnel. Take precautions to avoid ESD damage during service. Disconnect the power before servicing the product.

MAINTENANCE: Clean the protective-plastic with a soft damp cloth.

SPECIFICATIONS:

Physical (Lamp head only):

Dimensions: 281mm/11.06" x 281mm/11.06"

Height: 66mm/2.6"

Weight: 950 g./2.1 lbs

LED:

Premium LED configuration - 50'000 hour life
Stepless color-temperature adjustment from 3000K to 5700K

Electrical:

Battery operational range: 12-20V

Max Power Consumption: 66W

AC Power: 100-240V 50/60 Hz

Only use Flyer with original BB&S Flyer PSU and Cables.

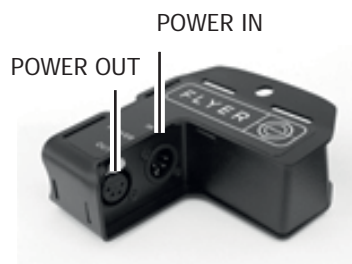
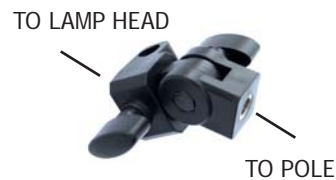
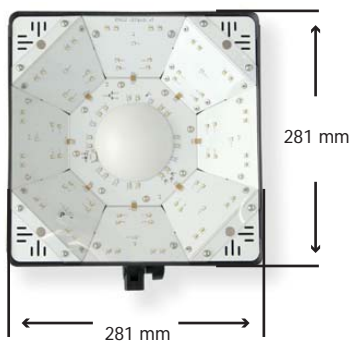
Failing to do so can cause damage to product and void warranty.

Ambient:

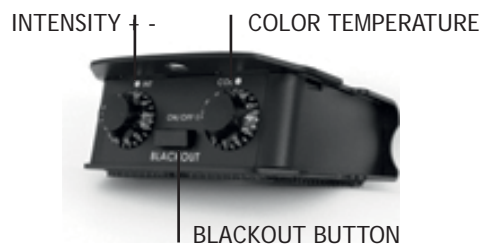
Min. Max. ambient temp: -10°C to 40°C / 14°F to 104°F

IP Rating: IP20 - for interiors ie. theatres or studios and dry outdoor situation

PRODUCT OVERVIEW



POWER IN:
Connect to Battery or PSU
POWER OUT:
Connect to Lamp Head



MOUNTING LAMP HEAD ON A POLE



1. Unscrew the protective black disc from the pole.
2. Screw on the brass nut by hand and tighten it with a 19mm (3/4) wrench. (Clockwise)
3. Screw on the Speedlite clamp and tighten.
4. Holding on to the Speedlite clamp use the wrench to counter-tighten the brass nut. (Counter clockwise)

ATTACHING THE SAFETY WIRE

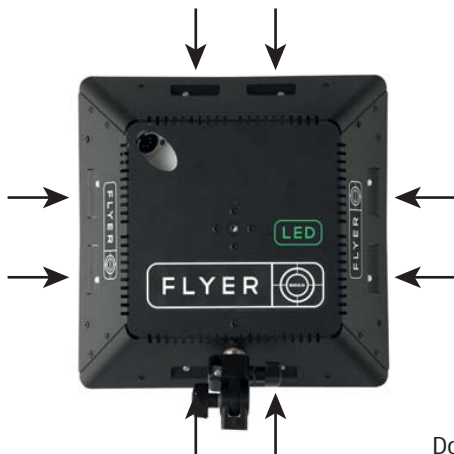


Slide the wire nose through top openings of the pole.
Bring the carabiner through the nose

clip it on to the safety attachment point on the Lamp head.

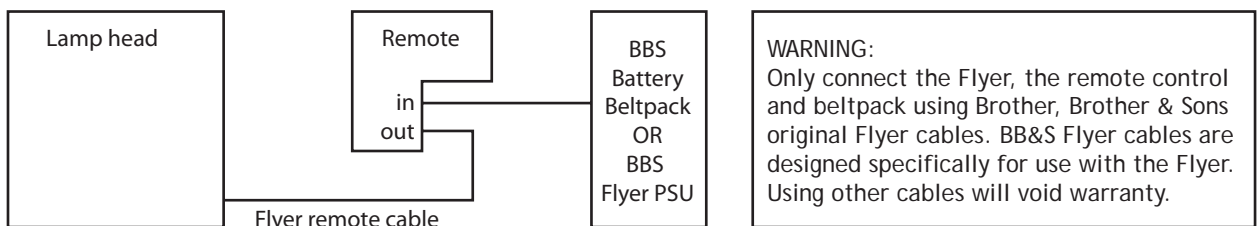


MOUNTING THE FLYBALL

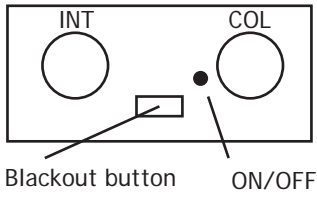


Do not cover the eight air outlets on the sides of the flyer when mounting the Flyball or Snapbag.

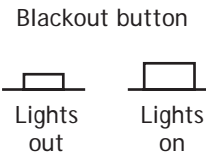
CONNECT THE CABLES



REMOTE CONTROL

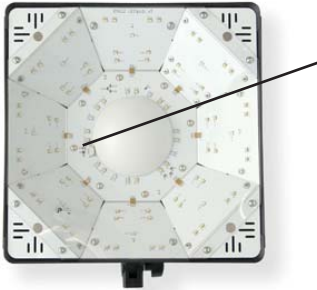


INT = Intensity 0-100%
 COL = Balance
 0 = 3000K
 5 = even mix
 10 = 5700K



ON/OFF Indicator:
 Indicator OFF : no power.
 Indicator RED : Power ON and Lamp OFF
 Indicator GREEN : Power ON and Lamp ON

OVERHEAT PROTECTION



The Flyer has an overheat protection. When the LEDpcb temperature reaches a critical level, a Red indicator LED lights up on and the Flyer will start to dim the output to prevent overheating. If the temperature keeps rising and reaches a defined maximum the Flyer turns off but the Red Indicator LED stays on. The overheating is most likely due to a too high ambient temperature or a wrongly mounted SnapBag/Flyball that covers the air outlets.

LEDpcb temperature:
 80°C / 176°F and above: Flyer OFF, Red indicator LED ON
 75°C - 79°C / 167°F - 174,2°F : Flyer in DIM mode, Red indicator LED ON
 74°C / 165,2°F and below: Flyer ON, Red indicator LED OFF

BELTPACK ADJUSTMENT

The Beltpack can be used in a number of ways. For maximum flexibility, it's important to know that the Beltpack consists of 3 elements: 1. Belt+Batteryplate (here shown with battery mounted). 2. Remote Controller (RC) and 3. The RC velcro mount.



Default configuration



RC + RC Velcro mount detached.

Following images show alternative ways to mount the RC, bear in mind that when moving the RC further away from the Batteryplate than the Batteryplate cable allows, an extension cable is needed.



RC + RC Velcro mount - Vertical orientation



RC with straps for mounting



RC + RC Velcro mount - Horizontal orientation