Knightsbridge®
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INSTALLATION & MAINTENANCE MANUAL
LEDFR6

IP 20   **12V**   **24V**

GENERAL INSTRUCTIONS

These instructions should be read carefully and retained after installation by the end user for future reference and maintenance.
These instructions should be used to aid installation of the following product:
LEDFR6

SAFETY

- This product must be installed in accordance with the latest edition of the IEE Wiring Regulations (BS7671) and current building regulations. If in any doubt, consult a qualified electrician
- Please isolate mains prior to installation or maintenance
- Check the total load on the circuit (including when this product is fitted) does not exceed the rating of the circuit cable, fuse or circuit breaker
- Please note the IP (Ingress Protection) rating of this product when deciding the location for installation
- This product is Class III
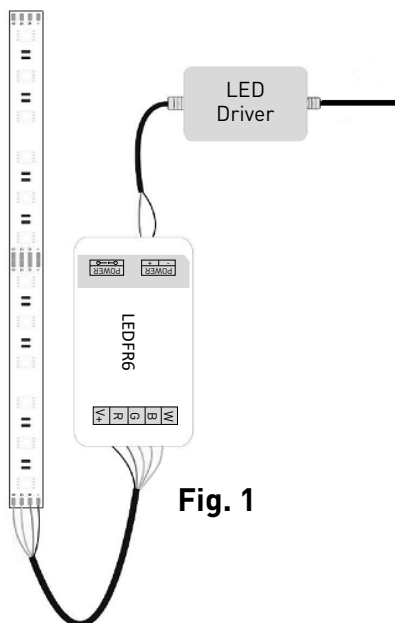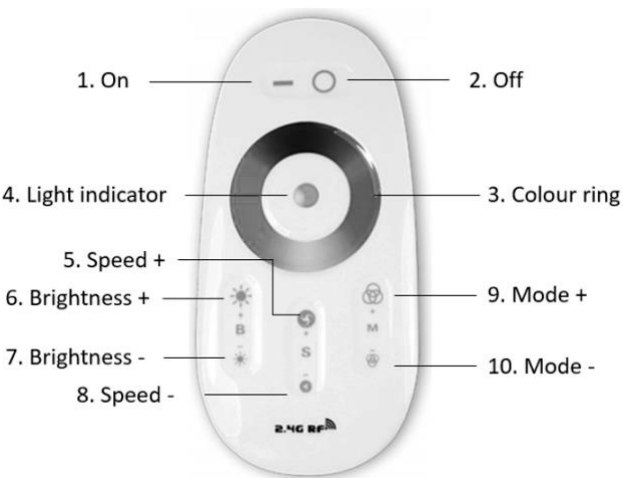- This product is IP20 rated

INSTALLATION

Fig. 1

- Provide power to the required point of installation
- Terminate cables from the secondary side of the LED driver to the LEDFR6 + (red) – (black), ensuring correct polarity is observed. Wire as shown in Fig. 1
- When using IP20 LED RGBW flex, terminate cables to LEDFR6 (black to V+) (red to R) (green to G) (blue to B) (white to W)
- When using IP68 RGBW LED flex, terminate cables to LEDFR6 (clear to V+) (green to G) (red to R) (yellow to W) (blue to B)

- Ensure the RGBW LED Flex does not exceed the maximum wattage of the LEDFR6 controller
  12V RGBW LED Flex - up to 288W
  24V RGBW LED Flex - up to 576W
  Please note: this controller contains 4 channels at a max. of 6A each

- Switch on power and test for correct operation
  NOTE - LED driver voltage is dependent on the LED Flex requirement

REMOTE INTERFACE

1. On
2. Off
3. Colour ring
4. Light indicator
5. Speed +
6. Brightness +
7. Brightness -
8. Speed -
9. Mode +
10. Mode -

2.4G RF

PRESET MODES

Mode
Static colour
Static white
Colour / white static
Gradual change all colours
4 colours gradual change
4 colours jump
7 colours jump
Red / White jump
Blue / White jump
Green / White jump
Red jump
Blue jump
Green jump
White jump
Circulation mode

Supplied with

1x RGB Controller
1x Touch remote control

Note - Remote requires 2 x AAA batteries (not included)

WARNING

This product must be disconnected from the circuit if subjected to any high voltage or insulation resistance testing. Irreparable damage will occur if this instruction is not followed.

GENERAL

The product should be recycled in the correct manner when it reaches the end of its life. Check local authorities for where facilities exist.

Clean with a soft dry cloth only, do not use aggressive cleaning products or solvents which may damage the product

WARRANTY

This product has a warranty of 1 year from date of purchase. Failure to install this product in accordance with the current edition of the IEE Wiring Regulations, improper use, or removal of the batch codes will invalidate the warranty. If this product should fail within its warranty period it should be returned to the place of purchase for a free of charge replacement. ML Accessories does not accept responsibility for any installation costs associated with the replacement product. Your statutory rights are not affected. ML Accessories reserve the right to alter product specification without prior notice.