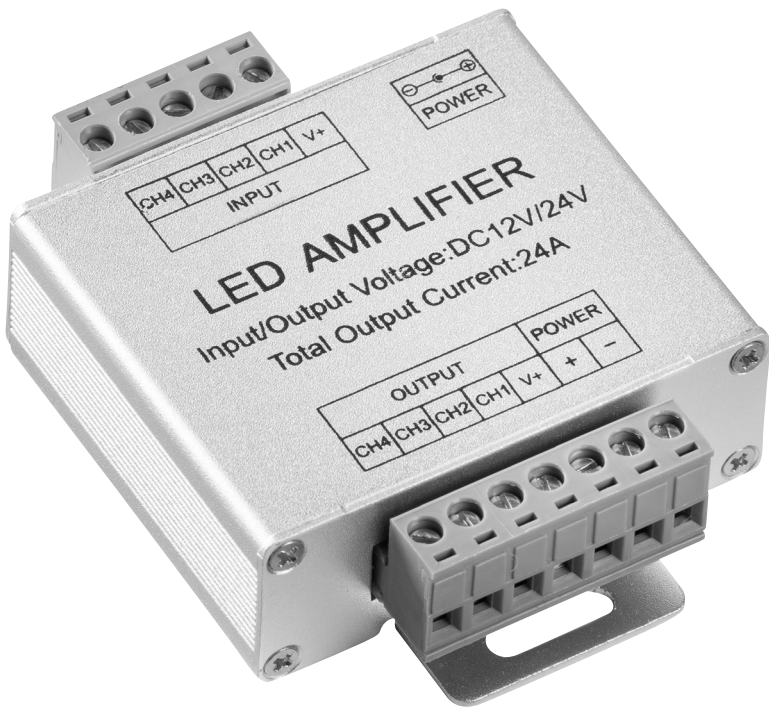


## INSTALLATION & MAINTENANCE MANUAL LEDAMP



## 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:  
**LEDAMP**

## SAFETY

- Installation of this product should only be carried out by a qualified electrician or competent person to the latest Building and current IEE Wiring Regulations (BS7671)
- Please isolate mains prior to installation/maintenance
- Check the total load on the circuit (including when this amplifier and LED load is fitted) does not exceed the rating of the circuit cable, fuse or circuit breaker
- Please note the IP (Ingress of Protection) rating of this product when deciding the location for installation
- This unit is rated at IP20
- This product is Class III
- This product is a subsidiary of LED lighting control system products and should be used in conjunction with Knightsbridge LED Flex and power supply to enhance the system load ability

## INSTALLATION

- Provide power to the required point of installation
- Connect the Amplifier to the circuit, via the 12V / 24V DC LED driver, using the CONDC or wiring directly into + / - ensuring the correct polarity is observed (see Fig 1)

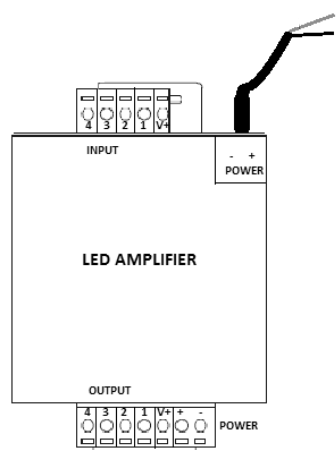
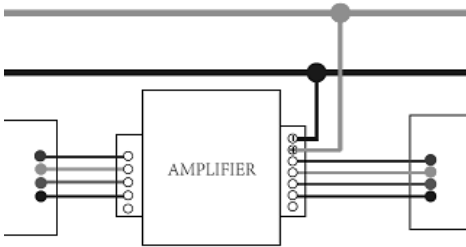
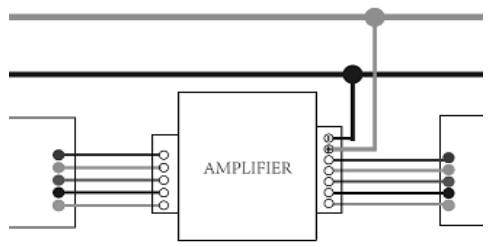


Fig 1

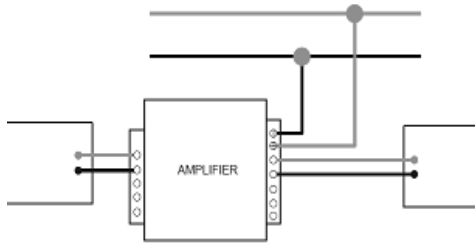
RGB Wiring diagram



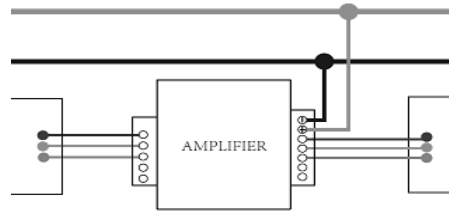
RGBW Wiring diagram



Single colour LED flex wiring diagram



CCT LED Flex wiring diagram



- Depending on which type of LED strip is used, connect to the corresponding channels on the input side of the amplifier using V+ as the *common in* as per wiring diagrams
- Connect a suitable LED load to the output side of the amplifier using V+ as the *common out*
- Switch on power supply and check for correct operation

## WARNING

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

## GENERAL

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

## 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.



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