

**HARDKORR**

# USER MANUAL

## 8M TRI-COLOUR BOAT LIGHT KIT





**Congratulations on purchasing this high quality Hardkorr product.**

In doing so, you now have the assurance and peace of mind that comes from purchasing a product that has been manufactured to the highest quality standards.

Our aim is for you to be completely satisfied with your purchase, and therefore your new Hardkorr product is backed by a comprehensive 2-year warranty and an outstanding after-sales customer service team.

We hope you will enjoy using this product for many years to come.

If you require technical support, or in the unlikely event your purchase appears to be faulty, please contact our support team for immediate assistance. You can find up-to-date contact details on our website <https://hardkorr.com>.

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This tri-colour boat light kit must be used only for the prescribed purpose. Any uses other than those mentioned in this manual will be considered a case of misuse.

The user and not the manufacturer shall be liable for any damage or injury resulting from such cases of misuse.

To use the boat light kit properly you must observe the safety regulations, the assembly instructions and the operating instructions to be found in this manual.

### **Never allow children to play with electrical equipment**

Children should be supervised at all times whilst operating the tri-colour boat light kit.

The manufacturer shall not be liable for any changes made to the boat light kit for any damage resulting from such changes.

### **WARNINGS**

Only use a HARDKORR<sup>®</sup> transformer (purchased separately) with the boat light kit to connect to 110V / 240V power outlets.

Do not connect to a power source greater than 12V, unless using a HARDKORR<sup>®</sup> 110V / 240V transformer.

**WARNING:** Do not abuse cords. Never pull on cords, this will result in cords being broken at light fitting and the manufacturer will consider this misuse of product. The user and not the manufacturer shall be liable for any damage or injury resulting from such cases of misuse.

**NOTE:** Your dimmer is not waterproof, so it is in your best interest to position them where they will not get wet or damp.

**WARNING:** Do not look directly into the lights.

## Specifications

Total length	8 metres
Maximum output	1,200 lumens
Ingress Protection	IP68
Colours	White, light cyan, medium blue
Current draw	0.8A @ 12V / 0.4A @ 24V
LED Lifespan	50,000+ hours
Certifications	CE, RoHS, C-Tick

## Pack Contents

40x	6 LED light modules (3 blue, 3 white)
1x	Tri-colour dimmer with flush mount plate
2x	3m extension cable (4-pin DC)
1x	3m extension cable (barrel plugs)
1x	2-way splitter (4-pin DC)
1x	2-way splitter (barrel plugs)
1x	1.2m power cable (barrel plugs to bare ends)
1x	50cm LED strip light
1x	On/off switch for 50cm strip

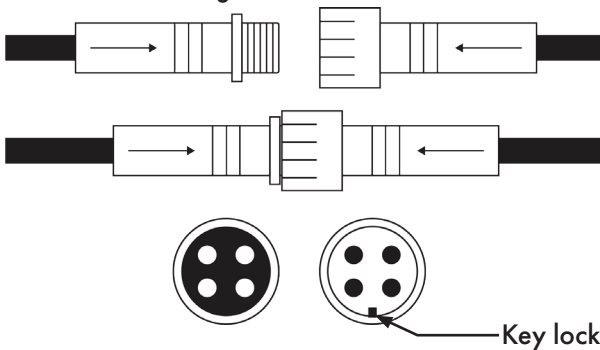
## Assembly

Please note the below assembly is only a guide, the kit is able to be arranged in multiple different setups to suit your needs.

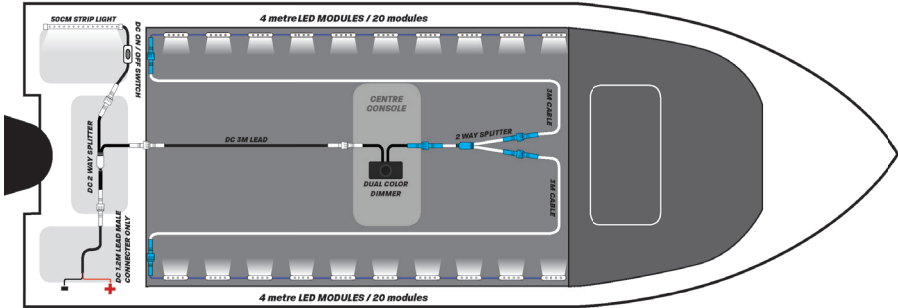
Before installing your LED lighting kit please test and make sure all items are working correctly.

1. Attach the 1.2m power cable (barrel plugs to bare ends) to your battery.
2. Connect a 2-way splitter (barrel plugs) to the other end of the lead.
3. Connect an on/off switch to one end of the splitter, and a 3m extensions lead (barrel plugs) to the other.
4. From the on/off switch, attach the 50cm strip light.
5. From the 3m extension lead connect the tri-colour dimmer.
6. After securing the tri-colour dimmer in place, attach a 2-way splitter (4-pin plugs) with a 3m extension (4-pin plugs) on each end of the splitter.
7. Finally, connect your LED modules to each of the extension leads, and mount where desired with silicon or the 3M tape on the back.

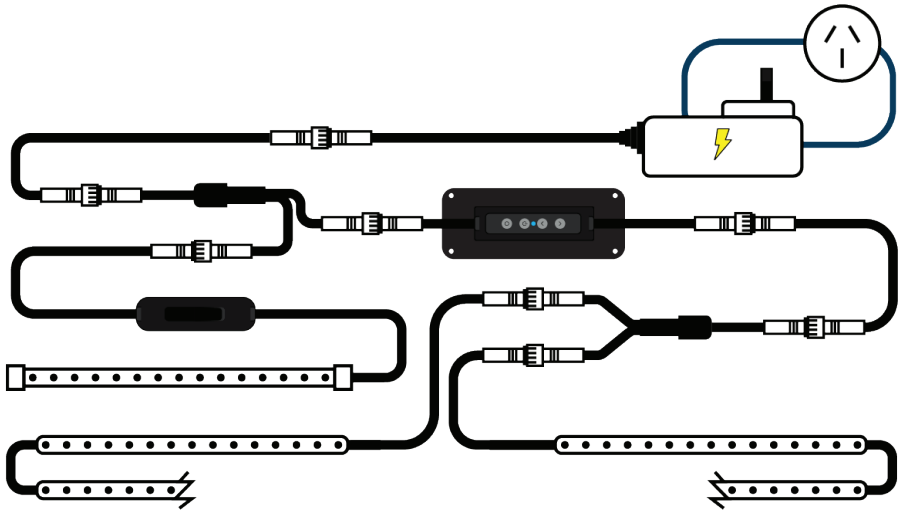
**NOTE:** When joining cables - align key lock ends using arrows as marked



## 12V LED Lighting Kit Typical Wiring Diagram



## 240V LED Lighting Kit Typical Wiring Diagram



**Q. Will my Boat Light Kit run from 110V / 240V power outlet?**

A. Yes, you must first purchase a HARDKORR<sup>®</sup> transformer if you wish to power your kit from 110V / 240V mains power.

**Q. How does my Boat Light Kit go together?**

A. For the first time installation we suggest you start from your battery with the 1.2m power cable (standard DC to bare ends). This way you will start with the right male connector, from there you can configure the lighting to suit the area you want to light up.

**Q. Are my lights waterproof?**

A. Yes all lights and cables are waterproof, however the supplied dimmer is not.

**Q. What do I do if my lights don't work?**

A. First make sure you have a charged 12V battery to run from. Next, please try connecting a transformer to mains power. If you are still experiencing difficulties after following these steps, please contact our customer service team.

**Q. What do I do if my controllers are not working properly?**

A. If you are experiencing difficulties, please contact our customer service team.

**Q. Why is there 3M tape on the back of the lights?**

A. This is so you can fix light bars to any surface easily.

**Q. Can I run these lights off a generator?**

A. Yes, you can connect to a generator using a HARDKORR<sup>®</sup> transformer (purchased separately).

**Q. What do I do if some lights work and some don't?**

A. You may have a faulty lead. Please check the light directly from the 1.2m power cable (standard DC to bare ends) or a transformer. If all lights are working, please test each cord between the light and power until you find the faulty cord. If you are still experiencing difficulties after following these steps, please contact our customer service team.



Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.



Hardkorr warrants that this product will be free from defects in material and workmanship for five years. The warranty commences on the date of purchase by the original purchaser, and is not transferable. To access the benefits of this warranty, you must retain your proof of purchase and follow any other direction we reasonably give you (e.g. completing and returning your warranty card if applicable).

### TO BEGIN YOUR WARRANTY CLAIM

If you believe your Hardkorr product is defective, it must be returned to Hardkorr for inspection by our warranty claims department.

1. You must have a Return Authorization (RA) number. To get your RA number, please complete the form found on our website and wait for the warranty team to contact you.
2. Once you have an RA number, you must arrange for the product must be shipped at your own expense back to Hardkorr (keep your receipt). The address for shipment will be provided when we issue your RA number.
3. Please be sure that your RA number is clearly marked on the outside of the packaging used for shipping.

Completing the steps as mentioned will ensure a faster process of your claim, so that Hardkorr can get your product back to you as soon as possible.

Once we receive your returned product, our technicians will inspect it. We will then notify you of the outcome of your claim.

If we accept your warranty claim, we will either repair, replace or refund the goods at our discretion. We will also reimburse you for the shipping costs you incurred in sending the goods back to us. Any products that we choose to replace or refund become the property of Hardkorr.

If we do not accept your claim, we will advise you of the reason and hold your product for collection. You will need to arrange and pay for the product to be shipped back to you. If your product is not collected within 30 days of your warranty claim being finalised, we may destroy it.

Your warranty is voided if we (at our sole discretion) determine that there is evidence of one or more of the following:

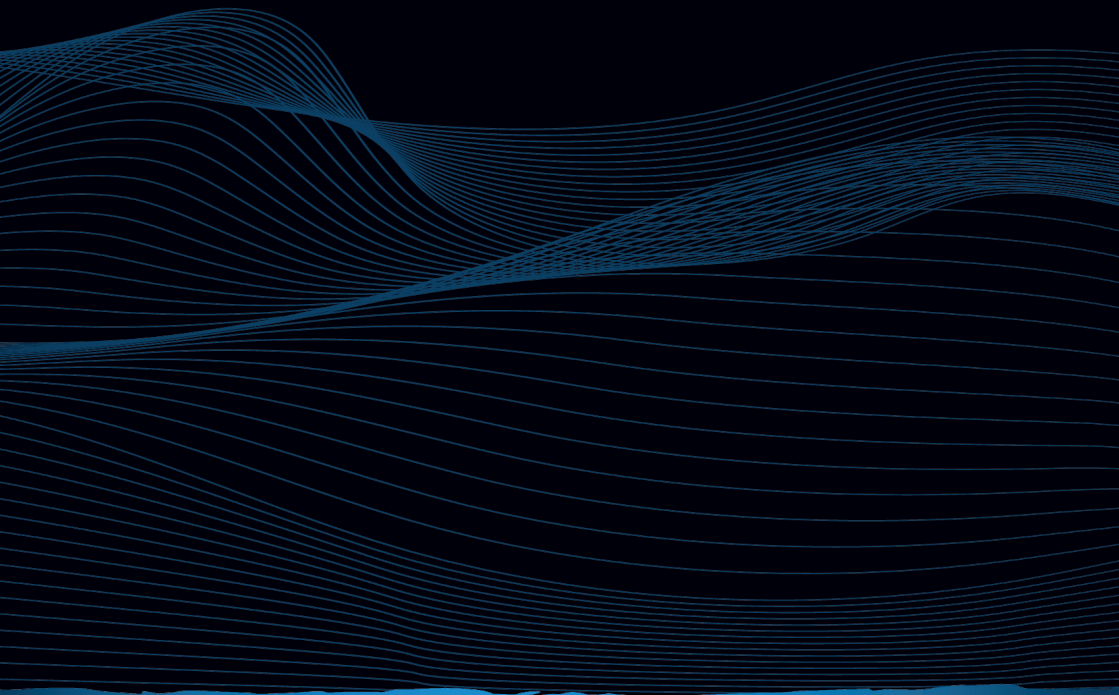
- **Negligence:** Improper installation, improper or extreme use, use that contravenes this instruction manual, etc.
- **Abuse:** Road hazards, Damage beyond the limits of “normal wear and tear.”
- **Unauthorized Repair:** Repair service performed by an unauthorised service centre.
- **Disassembly:** Any attempt to open, tamper with or otherwise compromise the integrity of the product.
- **Consequential damage:** damage to this product caused by the failure of another component of the vehicle or device in which this product is installed.

**Exterior Finish:** Hardkorr uses the highest quality materials available, but depending on location, environment and exposure, the colour of exterior surfaces can fade. We will not approve any warranty claims that relate to fade.

## DISCONTINUED ITEMS

Discontinued items that are still under warranty will be reviewed by Hardkorr. If a discontinued item is covered under warranty it may be replaced by an equivalent or superior item. If an equivalent item is not available Hardkorr will determine terms of resolution on a case-by-case basis.





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