

- 4.2. **Replacing the fluorescent bulb.** The 12W spiral fluorescent bulb should be replaced with one of the exact type and specification as that supplied with the lantern. Contact your Sealey Dealer for a replacement. **Part No. ML111/SB**
- 4.2.1. To access the bulb rotate the top of the lantern anticlockwise until the mark on the lid lines up with the 'OPEN' mark on the upper part of the lantern just above the shroud and lift off the top with bulb attached.
- 4.2.2. Ease the old bulb out of its plastic clip on the underside of the lid and insert a new bulb ensuring that it is fully seated under the plastic clips.
- 4.2.3. Lower the bulb through the hole in the top of the lantern. Align the mark on the lid with the 'OPEN' mark on the upper part of the lantern and rotate the lid clockwise for about 30° until it stops.



Fig.5

- 4.3. **Battery removal and disposal.**
- 4.3.1. Invert the lantern and unscrew the base cover to reveal the battery. Lay the lantern on its side and slide out the battery and stand it vertically to access the terminals. Pull the connectors from the terminals and remove the battery.
- 4.3.2. Dispose of the battery according to local authority regulations specified for lead acid batteries.

SEALEY POWER PRODUCTS

ENVIRONMENTAL PROTECTION



Recycle unwanted materials instead of disposing of them as waste. All tools, accessories and packaging should be sorted, taken to a recycle centre and disposed of in a manner which is compatible with the environment.



When the product is no longer required, it must be disposed of in an environmentally protective way.



BATTERY DISPOSAL

See section 4.3

NOTE: It is our policy to continually improve products and as such we reserve the right to alter data, specifications and component parts without prior notice.

IMPORTANT: No liability is accepted for incorrect use of this equipment.

WARRANTY: Guarantee is 12 months from purchase date, proof of which will be required for any claim.

INFORMATION: For a copy of our latest catalogue and promotions call us on 01284 757525 and leave your full name and address, including postcode.



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INSTRUCTIONS FOR: RECHARGEABLE FLUORESCENT LANTERN

MODEL No. **ML111.V2**

Thank you for purchasing a Sealey Product. Manufactured to a high standard this product will, if used according to these instructions and properly maintained, give you years of trouble free performance.



IMPORTANT: PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS AND CAUTIONS. USE THIS PRODUCT CORRECTLY AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE AND/OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY. PLEASE KEEP INSTRUCTIONS SAFE FOR FUTURE USE.

1. SAFETY INSTRUCTIONS

1.1. GENERAL SAFETY

- WARNING!** Ensure the lantern is correctly charged before initial use.
- DO NOT** allow children to use the lantern.
- DO NOT** use if the battery or the lantern casing is damaged.
- Only use the supplied battery and charger with this lantern.
- When not in use store the lantern in a safe, dry, childproof location.

1.2. BATTERY SAFETY INSTRUCTIONS

- WARNING!** Powered by a sealed lead-acid battery which can be dangerous if not handled with care.
- Charge battery prior to first use. The battery will have been shipped in a low charge state. Minimum initial charge time 16 hours.
- Use only the charger provided to charge the battery.
- DO NOT** charge battery when room temperature is below 50°F (10°C) or above 104°F (40°C).
- DO NOT** attempt to recharge the battery by means of an engine generator or a DC power source.
- DO NOT** short-circuit the battery by linking both terminals with a metal object, or your fingers etc.
- DO NOT** store the battery (or lantern) in locations where the temperature may exceed 104°F (40°C) such as outside sheds, above heaters, or metal buildings in summer.
- WARNING!** Dispose of spent battery correctly and in accordance with local regulations as it contains acid.
- DANGER!** DO NOT attempt to dismantle the battery. For safety and environmental reasons DO NOT discard in domestic waste or by burning. ONLY discard or recycle according to local waste authority regulations.
- WARNING!** DO NOT allow a leaking battery to come into contact with your skin. If you come into contact with battery fluid take immediate action:
 - a) Skin contact: Wash immediately with soap and water.
 - b) Eye contact: Flush eye immediately with cool, clean running water for at least 15 minutes and seek immediate professional medical attention.

1.3. ELECTRICAL MAINS POWER SAFETY

- ONLY USE THE SUPPLIED CHARGER PLUG (fig 2) FOR CONNECTING UNIT TO THE MAINS' ELECTRICAL POWER SUPPLY.**
- WARNING!** It is the user's responsibility to read, understand and comply with the following electrical instructions: You must ensure the risk of electric shock is minimised by the installation of appropriate safety devices. An RCCB (Residual Current

Circuit Breaker) should be incorporated in the main distribution board. We also recommend that an RCD (Residual Current Device) is used with all electrical products, particularly portable equipment which is plugged into an electrical supply not protected by an RCCB. You must also read and understand the following instructions concerning electrical safety.

- 1.3.1. **The Electricity at Work Act 1989** requires all portable electrical appliances, if used on business premises, to be tested by a qualified electrician, using a Portable Appliance Tester (PAT), at least once a year.
- 1.3.2. **The Health & Safety at Work Act 1974** makes owners of electrical appliances responsible for the safe condition of the appliance, and the safety of the appliance operator. If in any doubt about electrical safety, contact a qualified electrician.
- 1.3.3. **You must ensure that you:**
- ✓ Inspect the charger (fig.2) plug, cable and adaptor for wear and damage to ensure items are safe before connecting to the mains power supply. If worn or damaged DO NOT use.
 - ✓ Check cable is protected against short circuit and overload.
 - ✓ Important: Check that the voltage marked on the charger plug is the same as the power supply to be used.
 - ✓ Uncoil the cable between charger and lantern.
 - ✗ **DO NOT** pull the charger plug from the mains socket by the lead.
 - ✗ **DO NOT** use any other type of charger with this product.
 - ✗ **DO NOT** place the power connector into any area of the product except the correct inlet socket (fig.1).
 - ✗ **DO NOT** try to open or dis-assemble the charger plug.
 - ✗ **DO NOT** use charger plug to charge or power any other electrical item.
 - ✗ **DO NOT** get charger wet, or use in wet, damp conditions (for indoor use only).
 - ☐ **WARNING!** NEVER substitute a standard 13 amp 3 pin plug, or any other type of plug, for the charger plug.

2. INTRODUCTION & SPECIFICATION

2.1. Introduction

2.1.1. Fluorescent lantern with 12W spiral tube. Rechargeable sealed lead-acid battery gives over eight hours of light on a single charge. Rotary switch enables selection of lighting options. Infra-red remote control allowing illumination up to a range of 8meters. Recharge from the mains using the 230-6Volt power adaptor or in car cigarette charger. Also includes folding carry/hanging handle.

2.2. Specification.

Tube: 12W
 Power Supply: 6V - 4Ah
 Height: 315mm
 Operating Time: 8hrs approx.
 Replacement Tube: **ML111/SB**

3. CHARGING & OPERATION

3.1. BATTERY CHARGING

- ☐ **WARNING!** Ensure you read, understand and apply the safety instructions relating to the battery and charger before use.
- 3.1.1. Plug the mains charger (see fig.2A) into the mains power supply. Plug the charging connector at the other end of the charging cable into the charging socket in the base of the lantern (see fig.1). Switch on the mains power supply. The charging indicator situated next to the charging socket is a dual colour LED (red & green). At the start of charging the LED will be predominately red. When fully charged the LED will be predominately green. Allow 16 hours to fully charge.

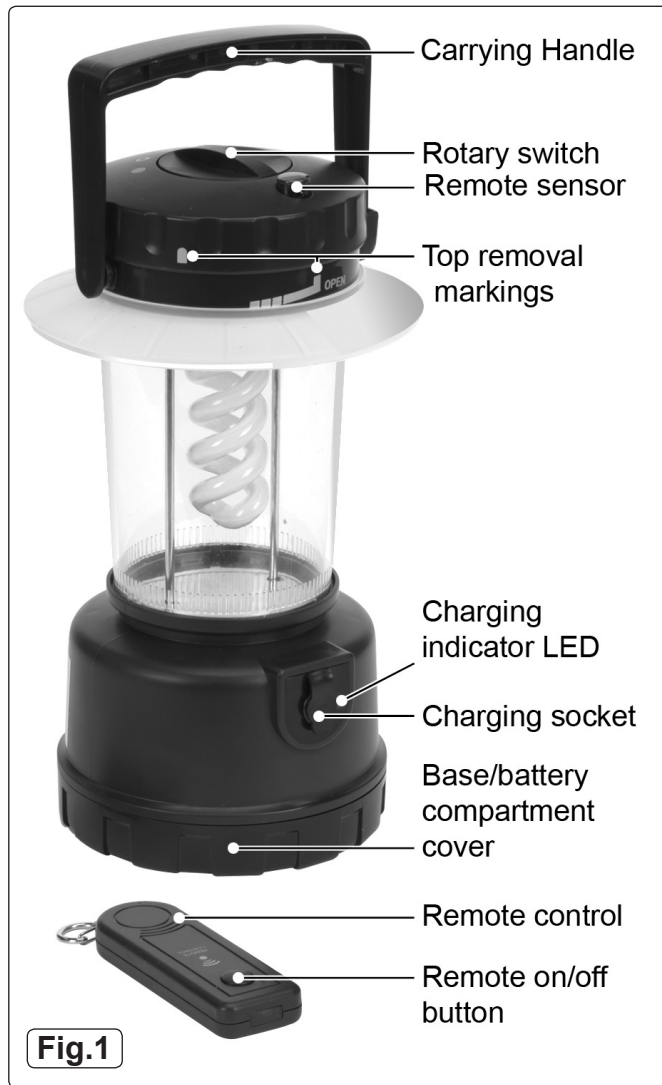


Fig.1

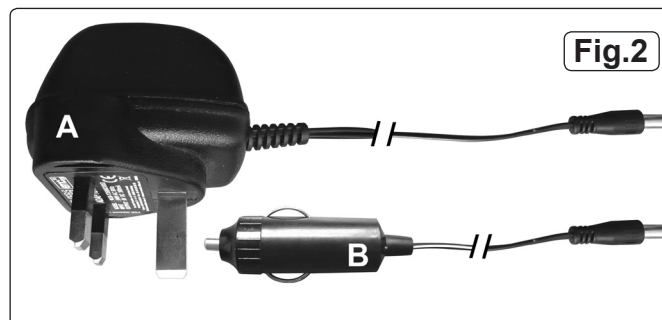


Fig.2

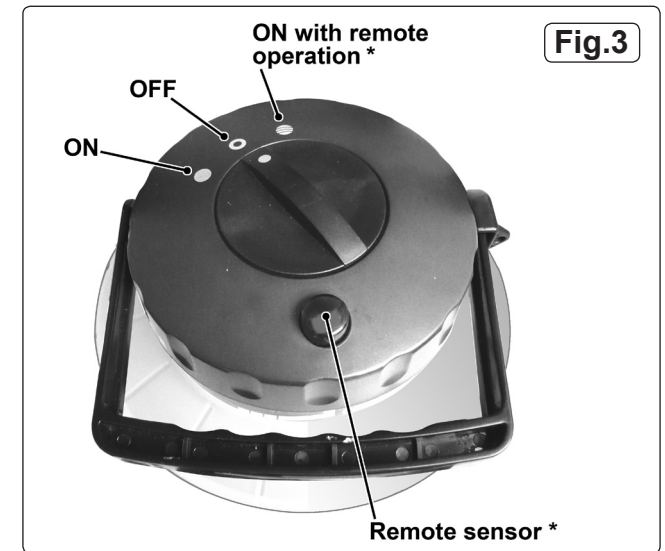


Fig.3

3.1.2. The lantern can also be charged from a car cigarette lighter socket using the 12V adaptor cable supplied (see fig.2B). Allow 12 hours to fully charge.

3.2. OPERATION.

- ☐ **WARNING!** Ensure you read, understand and apply the safety instructions relating to the battery and charger before use.
- 3.2.1. Use the 3 position rotary switch on top of the lantern to turn it on and off. The central position is OFF. To turn the lantern ON without remote operation turn the switch clockwise. (See above).
- 3.2.2. **Remote operation.** Turn the switch anticlockwise to select ON with remote control operation. In this position the lamp can be switched ON and OFF with the remote control. Do not repetitively switch the lantern ON and OFF as this will shorten the life of the bulb. It is recommended that the light be left on for at least 20 to 30 seconds.

4. MAINTENANCE

- 4.1. **Remote control battery replacement.** When the red LED next to the remote button ceases to light the batteries should be replaced.
- 4.1.1. Slide off the battery cover on the underside of the remote control and remove the old batteries. Replace with new AAA batteries ensuring that the polarity is as shown in fig.4 below. Close the battery compartment by sliding the cover back into place.

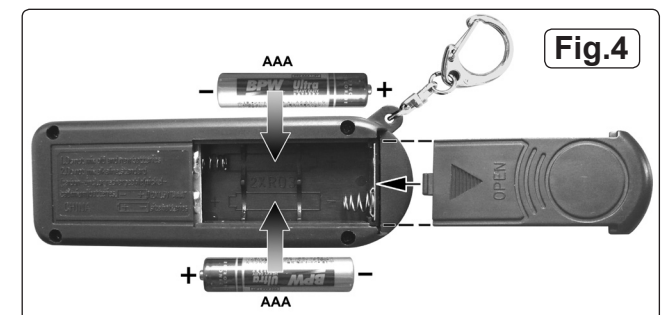


Fig.4