

### 3. MAINTENANCE

- WARNING!** Disconnect charger before attempting maintenance.
- WARNING!** Do not turn on the fluorescent light if the tube is missing or not correctly installed, as this will damage the circuit.

#### 3.1. CHANGING THE LANTERN FLUORESCENT

- 3.1.1. Unscrew the screw holder (fig 2 C) to remove the top cover.
- 3.1.2. Unscrew the fastener and remove the tube connector.
- 3.1.3. Pull the tube(s) out carefully and replace with new 9" 6W fluorescent tube(s). Sealey Model No ML111/B.
- 3.1.4. Reverse above procedure to re-assemble.

#### 3.2. CHANGING THE SPOT CLEAR BULB

- 3.2.1. Unscrew the screw holder (fig 2 C) to remove the top cover.
- 3.2.2. Unscrew the fastener and remove the tube connector and the tubes.
- 3.2.3. Remove the light cover by turning it counter-clockwise.
- 3.2.4. Remove the transparent red hood by turning it clockwise.
- 3.2.5. Unscrew the bulb, replace with a new bulb 6V/0.5A. Sealey Model No ML111/SB.
- 3.2.6. Reverse above procedure to re-assemble.

Keep the spotlight clean. Do not use abrasives or solvents.



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

- 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 pack will have been shipped in a low charge state. Minimum initial charge time 20 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 pack. 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.

## CE Declaration of Conformity

We, the sole importer into the UK, declare that the product listed here is in conformity with the following EEC standards and directives. The construction file for this product is held by the Manufacturer and may be inspected, by a national authority, upon request to Jack Sealey Ltd.

Re-Chargeable Fluorescent  
Lantern  
Model ML111  
73/23/EEC Low Voltage Directive  
89/336/EEC EMC Directive

Signed by Mark Sweetman

3rd January 2002

For Jack Sealey Ltd. Sole importer into the UK of Sealey Power Products.

**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.



Sole UK Distributor, Sealey Group,  
Bury St. Edmunds, Suffolk.



01284 757500



01284 703534

**E-mail:** sales@sealey.co.uk

### 1.3. ELECTRICAL MAINS POWER SAFETY

**ONLY USE THE SUPPLIED CHARGER PLUG (fig 1) 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 1.) 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.
  - x DO NOT pull the charger plug from the mains socket by the lead.
  - x DO NOT use any other type of charger with this product.
  - x DO NOT place the power connector into any area of the product except the correct inlet socket (fig 2.B).
  - x DO NOT try to open or dis-assemble the charger plug.
  - x DO NOT use charger plug to charge or power any other electrical item.
  - x 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 .

fig 1



fig 2



## 2. INTRODUCTION & OPERATION

### 2.1. INTRODUCTION

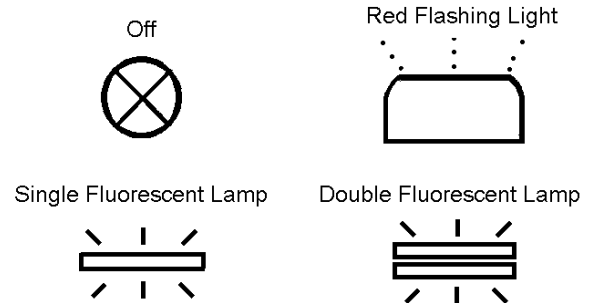
2.1.1. Tough composite body with lamp cover and carry handle suitable for a variety of industrial, domestic and leisure applications. Features single battery and 230V/6V battery charger pack. Cell Type: 6V-4Ah. Sealed lead-acid.

### 2.2. OPERATING

**WARNING!** Ensure you read, understand and apply safety instructions before use.

2.2.1. Charge the battery for a minimum of 20 hours before first use. The battery pack will have been shipped in a low charge state.

2.2.2. Turn lantern ON and OFF by selecting the required function.



DO NOT completely discharge the battery before re-charging as this will shorten battery life.

### 2.3. BATTERY CHARGING

**WARNING!** Ensure you read, understand and apply safety instructions relating to the battery and charger before use.

2.3.1. Unscrew and remove the bottom cover (fig 2. A), remove the AC/DC charger from the compartment and connect the adaptor jack to the socket (fig 2. B) in the base of the unit .

2.3.2. Plug the charger into the mains power supply and switch on. The green LED will light up indicating that the battery is charging. Both green and red LEDs on indicate that the battery is fully charged. Allow 12-14 hours to fully charge. (20 hours for initial charge)

2.3.3. Replace the charger into the base of the lantern and refit the bottom cover (fig 2.A).