



# 12 Volt FLOODLIGHTS

Models: ML150/12, ML300/12, CL150/12.

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, OR PERSONAL INJURY, AND WILL INVALIDATE THE WARRANTY.**

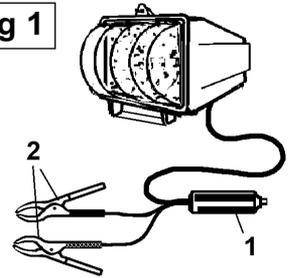
## 1. SAFETY INSTRUCTIONS

- p **WARNING! Disconnect light from the power source before changing tubes, servicing or performing any maintenance.**
- 3 Maintain the light in good condition (Repairs must only be undertaken by a qualified electrician, use an authorised service agent).
- 3 Replace or repair damaged parts. Use recommended parts only, non authorised parts may be dangerous and will invalidate the warranty.
- 3 Ensure the voltage of the power source is suitable for the light. Required power supply must provide 9Amps at 12 to 14 Volts D.C.
- 3 If light has dual connection feature for use in cigarette lighter socket or connection to a battery, isolate the connectors that are not in use to avoid shorting, as follows: If connected to lighter socket isolate clamps by placing each battery clamp in separate plastic bags, or if connected to battery isolate cigarette plug by placing in a plastic bag.
- 3 To avoid short-circuit and possible flesh burns, remove personal metallic items such as rings, bracelets, necklaces and watches before connecting the light to a battery.
- 3 Connect power lead from light to battery with the RED clamp (+) positive to the battery positive terminal, and BLACK clamp (-) negative to negative terminal.
- 3 If the connecting battery terminals are corroded or dirty, clean them before attaching the light clamps in order to achieve good contact.
- 3 Light becomes very hot. Stand the light at least 1 meter from flammable or combustible materials such as wood, cloth, paper etc.
- 3 Keep a minimum distance of 1 metre from the front of light to the surface which is to be illuminated. Floodlights give off intensive heat.
- 3 Locate the light in an adequate area for its function, keep area clean and tidy and free from unrelated materials.
- 3 The Light is weather proof and may be used out of doors.
- 3 If the light uses a clamp to hang it during use, ensure the object to which you clamp the spring-clip is suitable for the task.
- s **DANGER! DO NOT direct the light light into a persons eyes. All models have a very intensive light output, which if incorrectly used could cause eye damage.**
- p **WARNING! DO NOT attempt to connect a 12 Volt light to any mains power supply.**
- 7 DO NOT cross connect the power leads when connecting to a battery.
- 7 DO NOT pull the power cables or clamps from the battery terminals. Remove by pressing the clamp release spring.
- 7 DO NOT touch the light when operating, allow to cool before touching, light operates at high temperature.
- 7 DO NOT handle halogen bulbs as the natural oil from your fingers and hands will shorten the bulb life. Handle only with a soft, fluff free cloth.
- 7 DO NOT use the light without the front glass shield. Avoid touching the glass shield as handling may reduce its serviceable life and cause the glass to crack
- 7 DO NOT use the light without the weather seals in tact.
- 7 DO NOT allow children near the light.
- 7 DO NOT use the light near flammable, combustible or explosive liquids, solids, gases or equipment.
- 3 When not in use disconnect the light from the power source, ensure the unit is cool and dry then store in a safe, dry, childproof area.

## 2. OPERATING INSTRUCTIONS

- p **WARNING! Ensure the light is disconnected from the mains power supply before attempting any of the following.**
  - 2.1. **FREE STANDING LIGHTS**  
To assemble stand, remove locking nut from the stand and push the end of the stand through housing on the bottom of the light. Align the stands internal nut with the hole in the housing and secure with the locking nut.
  - 2.2. **CLAMP LIGHTS**  
May be used with the spring clamp, or hung by attaching supplied hook to the top of the light's securing wing nut. (see illustration on box). Ensure all angle arm securing bolts are tight before using the light. Remember, the light becomes very hot when in use, allow the unit to cool before changing the lights position.
  - 2.3. **USING THE LIGHT.**  
Connect to a power supply as follows:
    - a) Vehicle cigarette lighter socket. To avoid a short circuit, isolate each battery clamp individually by placing into a plastic bag (do not put them in the same bag). Push the lighter plug (fig 1.1) into the cigarette lighter socket.
    - b) Connect to a 12Volt vehicle battery: To avoid a short circuit, isolate the cigarette plug by placing it in a plastic bag. Connect the RED clamp (+) positive to the battery positive terminal, and BLACK clamp (-) negative to negative terminal (fig 1.2).
- NOTE: Other battery sources may be used but ensure the voltage is between 12 to 14Volts D.V. @ 9Amp.

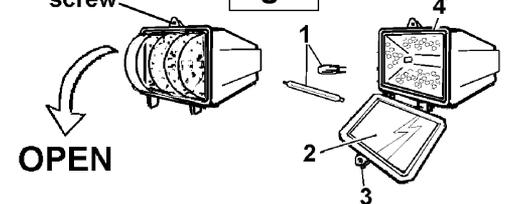
fig 1



- 2.4. **BULB CHANGING.**
- p **WARNING! Disconnect the light from the power source and allow the light to cool before attempting to touch the unit. DO NOT touch the new halogen bulb as the natural oil from your fingers will shorten the bulb life. Handle with a dry, clean, fluff free cloth only.**
- 2.4.1. Loosen the screw on the top of the front cover (fig 2) and undo allowing the front cover to open. Check to ensure the screw is retained in the front cover tab (3) by the washer.
- 2.4.2. Remove the old bulb and discard. Hold the new bulb in a clean cloth and insert it accordingly. (Always use the correct rated bulb fig 2).
- 2.4.3. Check that the weather seal is correctly located in the light's rim (4) and the washer is on the securing crew and close the front cover. Seal by tightening the securing screw.
- 2.5. **GENERAL**  
Use only original Sealey parts for repair or replacement of parts. Repairs must only be undertaken by a qualified electrician.  
Clean the light with a dry, dust-free cloth. DO NOT use solvents, or abrasives to clean the light.  
Avoid touching the glass shield (fig 2.2) as handling may reduce its serviceable life and cause the glass to crack. If necessary clean the shield (when cold) with alcohol and a soft cloth. If the glass is damaged, replace it immediately. Use genuine Sealey replacement glass DO NOT use other glass, and DO NOT use the light without the glass shield.  
Although weather proof the light must not be stored wet. Should the unit become wet, unplug from mains, wipe dry and store accordingly.  
DO NOT use the light without the weather seals intact.

Cover Securing screw

fig 2



OPEN

### Declaration of Conformity

We, the sole importer into the UK, declare that the products listed below are in conformity with the following EEC standards and directives

12 Volt FLOODLIGHTS  
73/23/EEC Low Voltage  
directive ( S.I. 1994/3260)



The construction files for these products are held by the Manufacturer and may be inspected on request by contacting Jack Sealey Ltd

Signed by Mark Sweetman

1st September

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 product. **WARRANTY:** Guarantee is 12 months from purchase date, proof of which will be required for any claim. **INFORMATION:** Call us for a copy of our latest catalogue on 01284 757525 and leave your full name and address including your postcode.

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