



Ultimate Lighting Technology

**125/200W DC Battery Ballast
by Cinepower for Heracles system**

USER MANUAL

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Please read the following operating instructions very carefully before using this Ballast for the first time. They contain important information and instructions for the safety, use and maintenance of your Ballast. For your own safety please follow all safety instructions and warnings. Keep these operating instructions carefully in a safe place and pass them to any future owner.

Please see the datasheet with description and technical specifications about the product.

1. Detailed Operating Instructions

ON / OFF Controls:

The ballast is fitted with a Green ON and a Red OFF switch. Both are momentary type, non-latching in operation.

To activate the ballast, the Green ON switch must be firmly engaged and held down positively for not less than $\frac{1}{2}$ a second.

To turn the Ballast off, the Red OFF switch must be firmly engaged and held down positively for not less than 2 seconds.

1.2 Operating guide

Start with Ballast completely disconnected, from supply and lamphead.

- Connect a suitable lamphead to the Ballast. Check lamp switch, if fitted is off.
- Connect the Ballast to a suitable low impedance DC source,
Note: A typical mains power supply *does not* constitute a low impedance source. Do not attempt to operate your Ballast on a power supply not recommended by the factory.
Use of a supply not recommended may cause damage to your ballast.
- Turn dimmer control knob to maximum output.
- Press the Green ON switch. The LED on the Ballast front panel will illuminate.
- The lamphead should ignite within approx. 3 seconds. If using a lamphead with an On/Off switch, operate the switch.

Important: The lamp will take approx. 2 minutes to warm up to the correct colour temperature. Do not turn the lamp off or attempt to dimming at this stage, otherwise lamp life will be reduced.

- After the warm up period, the lamp output may be controlled by using the dimming control knob on the Ballast.
- Turn Ballast off when no longer needed. This conserves battery power.

1.3 Lamp life

HMI / MSR Daylight lamps have a finite life.

To maximise lamp life:

- Avoid turning the lamp on and off frequently.
- Always allow the lamp to warm up before turning off.
- Follow lamp instructions.

Ageing lamps are indicated by:

- poor colour temperature (Lamp flicker)
- poor ignitor performance (Lamp fails to start)
- failure to dim (Lamp cuts-out)
- failure to maintain an arc. (Lamp cuts-out)

2 Troubleshooting

2.1 Important

Do not disassemble your Ballast to fix any problem by yourself. Contact the factory directly for servicing details.

2.2 Problems, Possible Causes and Remedies

2.2.1 Symptom 1: The ballast does not turn on.

1. Check the pin polarity matches your power source.
2. Test on another different power source.
3. Measure your power source output voltage, check that it is within range.
4. The ballast is designed to operate off a low impedance source, like a Ni-Cad battery. A typical mains power supply *does not* constitute a low impedance source. Do not attempt to operate your ballast on a power supply not recommended by the factory.
5. Check the power input cable for signs of damage.

2.2.2 Symptom 2: The ballast does not turn off.

1. The Red OFF switch must be held down for approx. 2 seconds to turn the ballast off.
2. Check the Green ON switch has not latched down. Press the ON switch a few times, then try the Red OFF switch as described above.

2.2.3 Symptom 3: Lamp does not strike.

1. Check the lamphead switch is ON, if fitted.
2. Check the other operational functions of the lamphead, e.g. if the safety switch is operational, where fitted.
3. Check correct fitting of lamp in the lamphead.
4. Use a known good battery and lamphead to check ballast.

2.2.4 Symptom 4: Ballast cuts out after running a few minutes.

1. The lamp may be faulty or nearing the end of its life.
2. The battery may be flat.

3 For Your Safety

3.1 Warnings

Warning – High voltages exist inside Ballast! Danger to life!
Any repairs must only be carried out by qualified personnel or factory service.

- 3.1.1 Dispose of packaging materials safely.
- 3.1.2 Do not put the Ballast into operation if damages are apparent.
- 3.1.3 Only connect and operate the Ballast as directed.
- 3.1.4 Make sure that children do not operate the Ballast.
- 3.1.5 Always switch off the Ballast and disconnect from the power source **before** you clean or do any maintenance work on it.
- 3.1.6 Do not use the connection cable of the Ballast for carrying. Do not allow cables to come into contact with sharp edges or clamp them under doors or clamp them in any way whatever.
- 3.1.7 Always switch off the Ballast when it is not needed, or left unattended.
- 3.1.8 Lamphead must be disconnected from the ballast before fitting or replacing a lamp.
- 3.1.9 Do not operate the ballast in high humidity (dew) or in aggressive or explosive gas/air mixtures.
- 3.1.10 Do not connect your Ballast to the AC mains supply. Serious damage will occur to your unit, with the risk of fire or electric shock.
- 3.1.11 Avoid excessively dusty environments. Never use near water, in the rain or snow.
- 3.1.12 If you notice any abnormal phenomena such as smoke, strange sounds or fumes, unplug the unit and contact your dealer or CPI. Further use may be dangerous and may cause electric fire or shock.
- 3.1.13 Make worn out ballast inoperable by cutting the input cable at the ballast.

3.2 Cleaning

- 3.2.1 Clean only with a dry or slightly moist cloth. Never immerse in water.

4. Servicing and Support

For service or support, please contact:

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