Camtraptions Lens Heater Manual *(extract)*

Getting Started

This section covers the system components and provides step-by-step usage instructions for setting up the Lens Heater controller.

- Components
- Usage Instructions

Components

The Lens Heater system consists of:

1. **Lens Heater Controller**
2. **Lens Heater Strip**

1. Lens Heater Controller

USB Type A Socket, 5V Power Output



DC 5.5mm x 2.5mm female socket, 6V–18V Power Input

2. Lens Heater Strip


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Usage Instructions

Initial Setup

First, connect the USB connector of the **Lens Heater Strip** into the **USB Power Output** socket of the **Lens Heater Controller**.

Next, connect a suitable power source to the **Power Input** socket of the Heater Controller. The power source must have a voltage between **6V to 18V** and be rated to provide at least **1.5 Amps** of continuous current.

As soon as power is connected, the Heater Controller's LCD display will light up red and the controller will enter into the programming stage.

Programming the Controller

There are three settings that can be altered: **Delay**, **On time** and **Level**.

Press the **M** button to cycle through these three settings. A red light will glow next to the currently selected setting.

Press the ▲ button to increase the current setting. Press the ▼ button to decrease the current setting.

Setting Descriptions

Setting	Range	Description
Delay	0–24	Number of hours the controller should remain inactive (not heating) before heating begins
On time	0–24	Number of hours the controller will remain active (heating) after the Delay period ends
Level	L1, L2, L3	Heating power level (**L1** = lowest/most efficient, **L3** = highest/least efficient)

> Note: The total "Delay" plus "On time" cannot exceed 24 hours.

Starting the Program

Once the desired **Delay**, **On time** and **Level** have been set, you should not press any buttons on the Heater Controller. The heating program will commence running **1 minute** after the last button-press occurred, and the LCD display will shut off to conserve energy.

Changing Settings

If the heating program has already commenced and changes subsequently need to be made to the **Level**, **Delay** or **On time**, then the power source should be disconnected and reconnected to ensure that the new settings are registered correctly.

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