

*Technical Solutions*

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## **Information Sheet**

### ***LASER POINTER*** WITH FLEXI CONTROL MODULE

Catalogue Number: LHP-FLEXI

This module has been designed to control the switching of a laser pointer. It is intended that the laser is to be worn with the supplied headband or glasses clip, but can be attached to any part of the body if needed.

## **LASER POINTER WARNING**

We have adjusted the laser to its minimum output – about 0.5mWatt. However, as with all “Class 2” laser products, care should be taken to avoid directly looking into the laser.

**Do not point the laser in other people’s eyes or stare into beam.**  
Take care of the lead protruding from rear of laser - do not bend.



## ***CONTROL MODULE***

The control module allows you to use any of our special purpose switches to turn the laser on and off. It also supplies power to the laser pointer.

The control module also gives you three modes of operation. A latching option, instant and timer option are available with a flick of a toggle switch.

## **SET-UP AND OPERATION-**

1. Insert a 9 Volt Alkaline battery into the compartment on the underside of the control unit.
2. Insert the small plug from the laser pointer into the socket labelled **Laser Pointer Out**.
3. Insert plug from user's switch into the socket labelled **Switch Input**.
4. Position user's switch as required.
5. Select mode of operation to 'Latching' or 'Timer', adjust timer if needed.
6. Attach laser pointer to head/body where needed - some options are demonstrated below.

## **MODES OF OPERATION**

### **Latching On/Off Mode (push on push off )**

- Select the '*Latch*' mode with the toggle switch.
- The device will now start with one switch push and stop with the next.

### **Instant Mode (on when pressed, off when released)**

- Select the '*Timer*' mode with the toggle switch.
- Turn the '*Timer Adjust*' knob anticlockwise to minimum.
- The device will now start when the switch is pressed and stop when the switch is released.

### **Timer Mode: (on when pressed, off after a few seconds)**

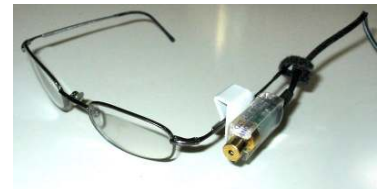
- Set up as for Instant Mode.
- Now turn the '*Timer Adjust*' knob clockwise to increase the delay before stop.
- The device will now start when the switch is pressed and stop after an adjustable delay of up to about one minute.

### **Glasses Clip**

A clip has been supplied with the unit that may be suitable for some glasses.

Simply clip it onto the frame and attach the laser with the Velcro side.

The lead for the laser has a Velcro tie attached to it, this can be used for further stabilising and positioning of the unit. If the clip doesn't work for your glasses the Velcro tie may hold the laser in place on its own.



### **Headband**

As you can see the Velcro on the laser and lead tie will stick to the headband. The pointer can be placed anywhere on the band. The lead tie will also help the laser keep its position.

The laser should normally be positioned close to horizontal – in line with the user's eyes.



### **Battery & Reset**

If the unit fails to respond to your switch press replace battery and reset as follows:

1. Remove old battery.
2. Press user switch and hold pressed for 20 seconds to reset unit.
3. Fit new Alkaline 9Volt Battery.
  - **To avoid damage to the control module, when storing for prolonged periods without use, remove the batteries.**