

4 Using the system

Using the supplied cable ties (ziplocks) secure the laser in position such that the beam fires across the detection path, plug the laser into the controller and switch on. Using a piece of paper or card locate the laser beam (**do not attempt to locate the beam by looking at the laser**), plug the sensor into the controller and position the sensor such that the laser beam hits the centre of the collimator (black plastic sleeve), the LED on the controller will glow green when the laser and sensor are aligned. Using the supplied cable ties (ziplocks) secure the sensor in position.

Check operation by breaking the laser beam, the LED should glow red for approximately 1 second and the laser beam should be disabled during this time. Connect the camera cable between the Laser Trap and the camera and, if required, adjust the Delay control. Anything breaking the laser beam will now cause the camera to trigger.

It should be noted that during the setup procedure the laser beam will be disabled if the sensor is passed out of range of the laser beamwidth (beam break), if this happens then just wait for about 1 second and the laser beam will reappear.

VersaTrigger X Trap – User Information

Introduction

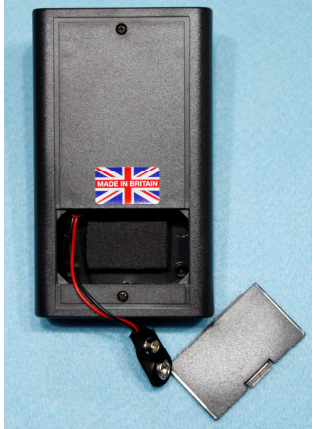
The VersaTrigger X Trap is a professional cross laser beam break camera trigger designed for wherever a cross laser beam break trigger is needed. The lasers are powered from the control unit and are disabled for approximately 1 second whenever both laser beams are broken, this prevents the telltale red spots from being visible on the image. The design allows the system to perform well in high levels of ambient light including sunlight. However, due to the unique technology used, the system will not trigger if using lasers other than those which are supplied. The Delay control provides a linear adjustment giving up to 150ms of delay between the laser beams being broken and the camera being triggered.

1 Naming of parts

The X Trap comprises three components; the controller, the laser and the sensor.
The laser has a 1 metre cable and the sensor a 3 metre cable. Each cable may be extended using standard extension cables.



2 Fitting the battery



1. Place the Laser Trap face-down on a flat surface, remove the battery cover by gently pulling the retaining clip down.
2. Fit a new PP3 battery by pressing the battery snap on to the battery, replace the cover.

3 The Front Panel

There are three connectors on the controller:

1. Laser (3.5mm socket) - the supplied laser plugs into this.
2. Sensor (2.5mm socket) - the sensor plugs into this.
3. Output (Phono socket) - the camera or flash connects to this using the appropriate cable.

The Delay control is also the ON/OFF switch and provides a linear adjustment of delay up to approximately 150ms. The LED provides an indication of laser beam alignment and beam break.