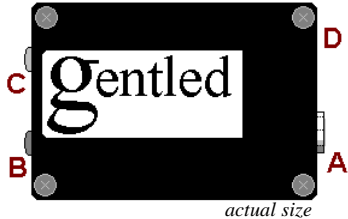




JUMP Manual

wired remote controller for IR



actual size

gentled jump is a neat way to trigger a digital camera with IR. At 40x28x18mm it can easily be located on front of most cameras. Attach a mouth switch or other trigger method at **A** and you're off!

A: 2.5mm OFF/ON socket, **B:** IR LED to trigger camera, **C:** red LED to check operation, **D:** timing link – long & short, accessed by removing top cover. A Velcro pad is included to attach the unit when in use.

Inserting the battery

Remove the cover (that says **gentled**) by removing the 4 screws and levering it up at **A**. Remove the circuit board from the box by slackening the nut at A, and lifting it out by the 2.5mm socket first. Insert the 2032 cell provided, **+ve side UP**, in the holder. Replace the board, LED side first, making sure the LEDs locate in the holes at **B C**. Replace the nut at **A** and finally the lid with the 4 screws provided.

Operation

With a switch connected at the mono 2.5mm jack socket the unit triggers the camera every time it is switched on. The switch connects the battery to the unit so no current is drawn when the switch isn't pressed. Point A can be connected to any switch, e.g. a Mouth or tongue switch, a PIR sensor, a pressure mat, the possibilities are endless! Red LED **C** flashes every time the shutter signal is sent. The switch must remain closed until the red LED flashes (about 0.5seconds) to ensure the IR signal is sent.

If the switch remains pressed then the IR signal is sent approximately every 0.5seconds to allow multiple camera triggering. For 2.5second repeat insert the link inside the unit, located beside the 2.5mm socket and marked *link* (**D**). Remove the cover (as per instructions in *Inserting the battery*), and identify the *link*. It is stored with only one pin connected, move it so the two pins closest to the 2.5mm jack socket are shorted.

Do not connect the top two pins together.

Specification

Supply Voltage	3V Lithium CR2032, life is >500,000 triggers. DON'T DISPOSE OF IN HOUSEHOLD WASTE
Supply Current	Maximum 20mA pulses when LED activated.
Operating Range	500mm, with unit facing camera receiver, range decreases if located obliquely to receiver
Timer Operation	3 seconds or <0.5seconds, selectable
Weight	14 grams, 0.5oz, including battery.

Diagnostics

Is the red LED flashing? Check the battery is correctly inserted and not exhausted. Make sure that the camera IR is activated. This is often controlled via the shutter or timer control – read the camera manual.

Check your switch with a multimeter: is it working properly? Remember some cameras may take several seconds to take another picture, and thus only registering every other trigger from the **gentled**.

Remember the *link* changes the repeat rate from 0.5 to 2.5 seconds?

If all else fails, use a digital camera as an IR detector. **gentled** is visible (if a little fainter than a standard remote control) through the display.

Regulatory

This product has been thoroughly assessed and tested for safety and EMC emissions.

At the end of the products life, you have the right to return it (freight at your expense) for disposal according to the WEEE Directive.

