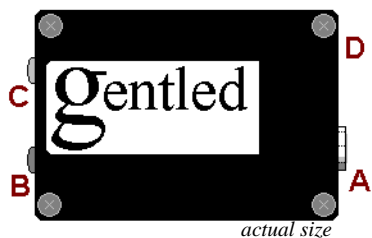




triggerPLUS Manual

wired remote controller for shutter & movie



gentLED-triggerPLUS is a neat way to control shutter and video/movie on compatible Canon and Sony cameras without touching the camera e.g. in a remote location, or a Fig Rig etc. At 40x28x18mm it can easily be located on front of most cameras.

Attach any switch to meet your ergonomic requirements and you're off!
A: 2.5mm OFF/ON switch socket, **B:** IR LED to trigger camera, **C:** red LED to check operation, **D:** mode link – accessed by removing top cover, see below. A Velcro pad is included to attach the unit when in use.

Connecting the battery

Remove the cover (that says **gentLED**) by levering it up at **A**. Remove the protective paper insulator. To replace an exhausted battery, carefully slide the battery out of the holder, then carefully insert the new cell, **+ve side UP**, in the holder. Replace the lid & secure with the 4 screws supplied.

Operation

With a switch connected at the mono 2.5mm jack socket at **A** 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. Any switch can be connected, 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.

Modes

There are three modes selected by positioning the link at **D** accessed from inside the unit:

Short pins furthest from A. (The link can be stored connected to just one pin). Every time the switch is pressed a signal to start or stop video is sent
Short pins closest to A. Every time the switch is pressed a signal to fire the shutter is sent.

Short pins furthest from A. On pressing a shutter signal is sent, and if it remains pressed for 1.5seconds a video start/stop is sent. This allows control of shutter and video with one button (short or long press), with the minor drawback that the shutter is sent every time video is started or stopped.

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 the *link* changes the mode between video and shutter?

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.

Warning: The Velcro supplied may not be strong enough to hold the device if a inflexible or stiff 2.5mm jack cable is used at connector **A**.

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.

