Instruction manual

For the
Canon TL-Lite
Intervalometer

The TL-Lite is a Intervalometer or time lapse timer for Canon's range of IR enabled cameras.
The TL-Lite measures (65x35x24mm) weighs 30 grams and is powered by one 3 volt CR2032 battery.
Battery life over 300 hour's continuous use with the unit set at one shutter trigger every 4 seconds.

Push buttons

Left -------------- power on / Select button
Centre ----------- power off / memory select / user x10 button
Right ------------- heartbeat indicator on-off / user delay select / user x1 button
Centre + Right --Preset select

Green led indicator

The green led indicates the selected preset with a (rapid pulse flash).
Memory / shutter trigger / heartbeat / heartbeat status / power off, are indicated with a solid flash.

Infrared emitter

The infrared emitter sends the shutter trigger command to the camera.
 (Infrared light is invisible to the naked eye).

First time use

Hold the remote so you can use the buttons and see the green led.
Press and hold the **centre and right buttons** then press and release the **left button**.
This will start the preset select menu.
The green led will flash with a rapid pulse three times slowly

Releasing the **centre and right buttons**
During the first flash will load the preset 1 values into the five memories.

Releasing the **centre and right buttons**
During the second flash will load the preset 2 values into the five memories.

Releasing the **centre and right buttons**
During or after the third flash will load the preset 3 values into the five memories.

After releasing the **centre and right buttons** memory 1 will be selected by default and the first
shutter trigger will be sent indicated by a fast double flash the next shutter trigger will be sent after
the memory 1 delay.

Three preset ranges and five memories

The TL-Lite is pre programmed with 15 delay values ranging from 1 second to 8 minutes organised into 3 preset ranges.

Plus two user programmable ranges.
Range one 1 to 960 seconds with a resolution of 0.125 of a second.
Range two 10 to 9600 seconds with a resolution of 1.25 seconds.

Preset	Memory 1	Memory 2	Memory 3	Memory 4	Memory 5
1	1 Second	2 Seconds	4 Seconds	6 Seconds	8 Seconds
2	10 Seconds	20 Seconds	30 Seconds	40 Seconds	50 Seconds
3	1 Minute	2 Minutes	4 Minutes	6 Minutes	8 Minutes

Switching on

To switch on press and release the **left button**.
The green led will now flash indicating the Preset and memory last used.
1/2 /3 rapid pulsing flashes indicates the preset in use. (No rapid flashes indicates that a user delay has been stored in 1 or more of the memories.)
1/2/3/4/5 solid flashes indicates the memory in use.
The first shutter trigger will then be sent indicated by a double fast flash.
The next trigger will be sent after the selected delay.

Switching off

During normal operation (waiting for a Shutter trigger) press and hold the **centre button** the green led will flash four times the last will fade away the remote is now off.

During any other times press and release the **left button** then after the first shutter trigger press and hold the **centre button**.

When the remote is switched off all settings are stored and will be reloaded when switched back on.

Heart beat indicator (reassurance indicator)

If you are using a long delay between shutter triggers pressing and releasing the **right button** during normal operation with a delay longer than 20 seconds will toggle the heart beat on and off, with the heart beat on the green LED will flash ever 20 seconds up to the shutter trigger.

A double flash after pressing indicates that the heart beat is on.
A single flash after pressing indicates that the heart beat is off.
Default setting is off after the unit is switched on.

Selecting a preset

Press and hold the **centre and right buttons** then press and release the **left button**.

The led will now flash 3 times with a rapid pulse.

Releasing the **centre and right buttons** during the first flash will select preset 1.

Releasing the **centre and right buttons** during the second flash will select preset 2.

Releasing the **centre and right buttons** during the third flash will select preset 3.

Selecting a memory

There are five memories in the unit.
After a preset has been selected memory 1 is selected by default.
Pressing and holding the **centre button** then pressing and releasing the **left button** will increment the selected memory the led will flash indicating the memory selected.
After selecting memory 5 the unit will loop back to memory 1.

User delay setup

Press and hold the **right button** then press and release the **left button**.
The green led will now be on indicating that the unit is ready to record a user delay.

The delay starts when you release the **right button** and stops when you press the **right button**.

After you release the **right button** the green led will flash every second, you can either count the flashes or use a clock with seconds to set the delay.

After pressing the **right button** to set the delay the first shutter trigger will be sent.

You can set a delay of between 1 second and 960 seconds (16 minutes)

To set a longer delay you can press the **centre button** instead of the **right button** this will set the delay to 10 times your user delay.

 If you wait 10 seconds then press the **right button** you will get 10 seconds if you wait 10 seconds then press the **centre button** you will get 100 seconds.

So you can set delay of between 10 seconds and 9600 seconds (160 minutes).

You can set a different user delay in each of the five memories.

User delays will be lost if you reload a delay preset.

Example 1

(Shutter trigger every second)

Press and hold the **centre and right buttons**.
Press and release the **left button** then release the **centre and right buttons** during the first led rapid flash.

This will load preset 1 delay times into the memories.
Memory 1 is selected by default.
The unit will now send a shutter trigger every second.

Example 2

(Shutter trigger every 2 seconds)

Press and hold the **centre and right buttons**.

Press and release the **left button** then release the **centre and right buttons**
During the first led rapid flash.

This will load preset 1 delay times into the units memories.

Press and hold the **centre button** then press and release the **left button**.

The led will flash two times indicating that memory 2 has been selected.

The unit will now send a shutter trigger every 2 seconds.

Example 3

(shutter trigger every 30 seconds)

Press and hold the **centre and right buttons**.

Press and release the **left button** then release the **centre and right buttons**
During the second led rapid flash.

This will load preset 2 delay times into the memories.

Press and hold the **centre button** then press and release the **left button**.
The led will flash two times indicating that memory 2 has been selected.

Press and hold the **centre button** then press and release the **left button**.
The led will flash three times indicating that memory 3 has been selected.

The unit will now send a shutter trigger every 30 seconds.

Example 4

(Shutter trigger every 8 minutes)

Press and hold the **centre and right buttons**.

Press and release the **left button** then release the **centre and right buttons**
During the third led rapid flash.

This will load preset 3 delay times into the memories.

Press and hold the **centre button** then press and release the **left button**.
The led will flash two times indicating that memory 2 has been selected.

Press and hold the **centre button** then press and release the **left button**.
The led will flash three times indicating that memory 3 has been selected.

Press and hold the **centre button** then press and release the **left button**.
The led will flash four times indicating that memory 4 has been selected.

Press and hold the **centre button** then press and release the **left button**.
The led will flash five times indicating that memory 5 has been selected.
The unit will now send a shutter trigger every 8 minutes.

Example 5

(User defined delay. Shutter trigger every 15 seconds)

Press and hold the **right button** then press and release the **left button**.

The led will light indicating that the unit is ready to record a user delay.

Releasing the **right button** starts the user delay and the led will flash every second.

Count off 15 flashers then press and release the **right button** this will set a 15 second delay in to the currently selected memory.

The unit will now send a shutter trigger every 15 seconds

Example 6

(User defined delay. Shutter trigger every 150 seconds)

Press and hold the **right button** then press and release the **left button**.

The led will light indicating that the unit is ready to record a user delay.

Releasing the **right button** starts the user delay and the led will flash every second.
Count off 15 flashers then press and release the **centre button** this will set a 150 second delay in to the currently selected memory.
The unit will now send a shutter trigger every 150 seconds

Camera setup

Remember you have to set up your camera for using an infrared remote release.
This is usually in the self timer area part of your cameras menu.

Use this link to download your camera user manual.
http://www.canon.co.uk/support/user_manuals/

Battery replacement

Remove both screws from the back of the remote then remove the back cover.
Remove the old battery from the holder fit a new CR2032 battery then refit cover and screws.

Camera compatibility

The Canon TL-Lite is compatible with cameras that use the RC-5, RC-6 Canon camera remotes.

Canon compatible cameras

EOS 5D MkII, EOS 7D, EOS 60D, EOS 600D, EOS 550D, EOS 500D, EOS 450D, EOS 400D
EOS 350D, EOS 300D

Will work with other models that use RC-5, RC-6 remotes