Instruction manual

For the

MultiCam IR Intervalometer

Canon	Olympus	Nikon	Pentax	Samsung	Sony

MultiCam is an Intervalometer or time lapse timer for Canon, Nikon, Olympus, Pentax, Samsung and Sony's range of IR enabled cameras.
The Unit measures (65x35x24mm) and weighs 30 grams and is powered by one 3 volt CR2032 battery. Battery life is over 200 hours for mode 1 to 6 or 100 hours for mode 7 of continuous use with the unit set at one shutter trigger every 4 seconds.

Push buttons

Left ------Display camera selected / Select button
Centre -- Camera select - / Set minutes / Display delay / Manual shutter trigger / Stop Intervalometer
Right ---- Camera select + / Set seconds / Start Intervalometer
Centre + Right – Set delay time

Red/Green led indicator

The red led indicates the camera selected / Seconds of delay / Heartbeat.
The green led indicates shutter trigger sent / Minutes of delay.
Red and green flashing indicates time delay menu.
Red fades to green indicates the remote is now ready to use (Trigger mode).

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 led.
Press and release the left hand button.
The led will flash red from 1 to 7 times.

Number of flashes	Camera manufacture
1 -----------------	Canon
2 -----------------	Nikon
3 -----------------	Olympus
4 -----------------	Pentax
5 -----------------	Samsung
6 -----------------	Sony
7 -----------------	ALL (A shutter trigger is sent for each camera manufacturer)

At this time you can change the camera manufacturer using the centre and right hand buttons.
After the remote has stopped flashing the currently selected camera.
Pressing the centre button will decrement the camera manufacturer.
Pressing the right hand button will increment the camera manufacturer.
The new setting will be indicated by the led if a button was pressed.
If no button has been pressed the remote will time out after 5 seconds and then enter trigger mode.
Indicated by the led fading from red to green.

Manual shutter trigger (Trigger mode)

Pressing the centre button will send one shutter trigger to your camera. The led will flash green.

Start Intervalometer

Pressing the right hand button will start the Intervalometer. The led will flash red. The first shutter trigger will be sent after the preset delay time has elapsed. Shutter triggers will now continue at the delay time rate.

Heartbeat

If the delay time is greater than 15 seconds the led will flash red every 15 seconds up until the shutter trigger is sent. (This is to let you know the Intervalometer is running when you enter long delay times).

Stop Intervalometer

Pressing the centre button will stop the Intervalometer and return the remote to trigger mode. The led will fade from red to green.

Entering any other mode of the remote will also stop the Intervalometer.

Setting the Intervalometer delay time

Press and hold the centre and right button. Then press and release the left hand button.
The led will now flash red and green you can now release the centre and right buttons.
This will clear the last entered delay time and enter 1 second as the delay.

To set the minutes delay

Press and hold the centre button the red/green flash will stop and change to a green flash. Each green flash equates to a delay of 1 minute the led will flash up to a maximum of 60 times. Releasing the centre button after counting off the required green flashes / minutes will enter the time in to the remote. The led will return to flashing red/green.

To set the seconds delay

Press and hold the right hand button the red/green flash will stop and change to a red flash. Each red flash equates to a delay of 1 second the led will flash up to a maximum of 59 times. Releasing the right hand button after counting off the required red flashes / seconds will enter the time in to the remote. The led will return to flashing red/green.

Exit delay setup

After entering the minutes and seconds the remote will enter trigger mode 10 seconds after the last button was released. Indicated by the led fading from red to green.

Please note

When you set the minutes the seconds delay is reset to zero.
So minutes need to be set before setting the seconds delay.

Minimum delay is 1 second.
Maximum delay is 60 minutes 59 seconds.

Display the time delay set in the remote

Press and hold the centre button then press and release the left hand button. The led will now flash out the currently set delay. A green flash for each minute then a red flash for each second. The led will then fade from red to green returning the remote to trigger mode.

Auto switch off

The remote will automatically time out and return the remote to trigger mode except for when the Intervalometer is running.

The battery is not used when the remote is in trigger mode.

Using camera manufacturer 7 (ALL) will drain the battery faster.
Six camera shutter triggers will be sent for each trigger.

Battery replacement

Remove the two screws to open the remote. Using a small screw driver push the spring clip on the battery holder away from the battery. The battery should now spring free. You can now fit a new battery with the plus sign facing up.

Example 1 Canon 5 second delay

Press and release the left hand button. The remote will now indicate the currently selected camera. If the remote flashes more than one red flash then press the centre button to decrement the camera until the remote only flashes once (1 flash = Canon).

Press and hold the centre and right hand buttons then press and release the left hand button. The remote will now flash red and green. Release the centre and right hand buttons.

Press and hold the right hand button the remote will now start to flash red release the right hand button after the fifth red flash this will set the remote to a 5 second delay (1 second for each flash).

The remote will return to flashing red and green. After ten seconds the remote will time out Indicated by the led fading from red to green.

You can now set your camera up to trigger from an infrared remote.

Position the remote towards the cameras infrared sensor. Pressing the centre button will send a test shutter trigger and the remote will flash green.

To start the Intervalometer press the right hand button. The remote will flash red then after 5 seconds the remote will flash green and trigger the camera shutter. The remote will now flash green and trigger the camera every 5 seconds until you turn the Intervalometer off by pressing the centre button.

Example 2 Nikon 2 minutes 30 seconds delay

Press and release the left hand button. The remote will now indicate the currently selected camera. If the remote flashes more than two red flashes then press the centre button to decrement the camera until the remote only flashes two times (2 flashes = Nikon).

If the remote only flashes once then press right hand button to increment the camera.

Press and hold the centre and right hand buttons then press and release the left hand button. The remote will now flash red and green. Release the centre and right hand buttons.

Press and hold the centre button the remote will now start to flash green release the centre button after the second green flash this will set the remote to a 2 minute delay (1 minute for each green flash). Now press hand hold the right hand button the remote will now start to flash red release the right hand button after the thirtieth red flash this will set the remote to a 30 second delay (1 second for each flash) plus the 2 minute delay set with the centre button. Total time 2 minutes 30 seconds.

The remote will return to flashing red and green. After ten seconds the remote will time out Indicated by the led fading from red to green.

You can now set your camera up to trigger from an infrared remote.

Position the remote towards the cameras infrared sensor. Pressing the centre button will send a test shutter trigger and the remote will flash green.

To start the Intervalometer press the right hand button. The remote will flash red then after 2 minutes 30 seconds the remote will flash green and trigger the camera shutter. The remote will now flash green and trigger the camera every 2 minute 30 seconds until you turn the Intervalometer off by pressing the centre button.

As this delay time is greater than 15 seconds the heartbeat function will be enabled and remote will briefly flash red every 15 seconds. This is to indicate that the Intervalometer is running.

Remote control button map

Left	Centre	Right	
PR	X	X	Remote will Indicate the currently selected camera manufacturer
X	PR	X	Decrement camera manufacturer
X	X	PR	Increment camera manufacturer
PR	PH	PH	Enter delay time
X	PHR	X	Set minutes delay (Set time mode)
X	X	PHR	Set seconds delay (Set time mode)
X	PR	X	Send test trigger / Stops Intervalometer if running (Trigger mode)
X	X	PR	Start Intervalometer (Trigger mode)

PR = Push and release
PH = Push and hold
PHR = Push and hold then release after the required delay time
X = Button not used