

# Slavemaster Operation Manual

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## **Operation manual**

Thanks again for the purchase of the slave board the board has been designed to be both functional and easy to use

A few notes about the board

The board itself can run on 4 to 12 volts. (Remember the Vivitar slaves are designed to run on a 6 volt power supply only and using anything other can damage the Vivitar flash.)

Each time the board detects daylight I will reset and can take up to 45 seconds to reset and able to trigger a flash.

## **Basic operation**

There is a Toggle switch that will control the Power to both the Slavemaster and the Vivitar flash. (The Vivitar switch should be left in the on position.)

The 3 position dip switch sets the Flash detect count and also the refresh rate

Switch 1 and 2 control the flash detect

1 off 2 off ... 2 flash (Sony, Olympus and other digital cameras (Red eye & af illuminator turned off)

1 on 2 off ... 1 flash (Some 35 mm cameras and also some digital cameras)

1 off 2 on ... 3 flash (I have seen only a few Digital cameras that would need this)

Switch 3 Controls the refresh rate

3 off ..... 6 seconds every 10 minutes (This is the most power savings refresh rate and good in most cases)

3 on ..... 1 second every 1 minute (Best for flashes that drain off quick and need a faster refresh)

## **Start up**

Lets start with Power off and batteries installed

Turn the power on and the Green status led immediately will blink the number of flashes

It is set to trigger at

If day it will now be off completely and the slave will not charge

If dark it will blink once every second for 25 seconds while it is checking repeatedly that it is really dark and not just a quick shadow or clouds.

If it confirms it is dark it will then turn solid green and start to charge the slave for 14 Seconds to top off the flash capacitor

When it is finished charging it will now turn off and start blinking again but this time Every 2 seconds

Once it sees it is day again it will turn off and stop blinking saving power and remaining Until it sees dark and repeats these steps

The Slavemaster is capable of triggering to a flash while refreshing the slave and also

After a cameras flash if still in the charge cycle **IF** the slave capacitor has

Charged enough. This often will vary depending on the size and condition of the slaves Batteries.

## **Tips**

In my testing I have found by simply changing the angle of the cds cell can change when The slave will see dark by as much as an hour experiment in how you want it placed so it Will be active when you would like it to be.

The photo transistor is very sensitive when the black dot on it is facing directly to the Flash this is especially important in remote slaves and even more so in an ir remote Builds.