**Il suffit de lire … :** [**http://www.multiwii.com/**](http://www.multiwii.com/)

**Operating the multicopter**

The following explanations are **agnostic to the mode used**.  
So it is relevant for both mode 1 and mode 2, the most commons.

**Starting the multicopter**

The engine launch is done by tilting the **yaw stick right** while having the **throttle stick in minimum position**.  
(An alternative method was also introduced recently:  **roll stick right** while having the **throttle stick in minimum position**.)  
For security reasons, the throttle stick must be set to minimum.  
Now motors turn at an idle rate and the tricopter is ready for flight.  
If you have no ACC connected (Nunchuk or other indivisual ACC), it is not necessary for the multicopter to be positioned flat, the angle does not matter.  
Once armed, multiwii should permanently switch ON the status LED.

**Motor shutdown**

Motor shutdown is done by tilting the **yaw stick left** while having the **throttle stick in minimum position**.  
(An alternative method was also introduced recently:  **roll stick left** while having the **throttle stick in minimum position**.)  
Once disarmed, multiwii should permanently switch OFF the status LED.

**Gyroscopes calibration**

To calibrate the neutral of gyroscope sensors, you must tilt the **yaw stick left**, tilt the **pitch stick back** while having the **throttle stick in minimal position**.  
The multicopter should not move during this stage. However its inclination has no influence.  
The status LED will blink to confirm this step.

**Accelerometers calibration**

This step is relevant only if you have a Nunchuk or an individual ACC.  
The multicopter inclination should be as horizontal as possible during this step.  
To calibrate the neutral of accelerometer sensors, you must tilt the **yaw stick left**, tilt the **pitch stick back** while having the **throttle stick in maximal position**.  
**This step must be realized at least once**, the acc calibration is then stored in the EEPROM.  
This step can also be realized directly from the GUI via the CALIBRATE button.  
Note this step is very important and is one of the most common issue we can see in feedbacks, please don’t skip it.  
If this step is not correctly done, the status LED will blink forever and you won’t be able to arm the motors (security).  
The status LED will blink to confirm this step.

**Accelerometers trim**

With the help of your roll and pitch stick you could now trim the ACC mode.  
You must first put the **throttle stick in maximal position**. (obviously with motors disarmed)  
**full PITCH forward/backward** and **full ROLL left/right** (2 axis possibilities) will trim the level mode according to the neutral angle you want to change.  
The status LED will blink to confirm each ticks.