

Version 2.0

### Improvements:

- arming problems solved
- copter no longer lands while flying because of GPS loss
- in GPS mode, the drone is more agile and fly much better

## Instructions for updating zoopa Q Evo 550

### 1. Install software

Please download and install this software (press the orange download button)

<http://ardupilot.com/downloads/?did=82>

### 2. Connect the quadcopter to the computer

After installation, the quadcopter can be connected to the computer using the supplied USB cable. The USB port is at the rear of the zoopa Q Evo 550.



Open the Mission Planner and specify the connection settings on the top right corner. Select the port from your drone (Port COM28 for example) and set the data rate to 115200 (should be default) -> then press „connect“.



## 5. Radio calibration

## 6. Compass calibration

A compass calibration is not necessary! The model performs this automatically in flight. During your first flight, you may notice that the drone improperly maintains its position, that's because the compass still has the german position of our company stored. In order to correct these values, fly in GPS mode to a height of about 30 m and then fly about 2 minutes large squares or back and forth. During this process, the compass will automatically correct his coordinates and is getting better. At the end the quadrocopter should perform a good position hold behavior.