en/BluetoothSet

12

LotharF
MikroKopter.de

Inhaltsverzeichnis

1 Bluetooth-Set.....1/9

2 Connection PC.....3/9

3 Connection MikroKopter.....6/9

4 Connection to the KopterTool.....8/9

5 Features / Password.....9/9

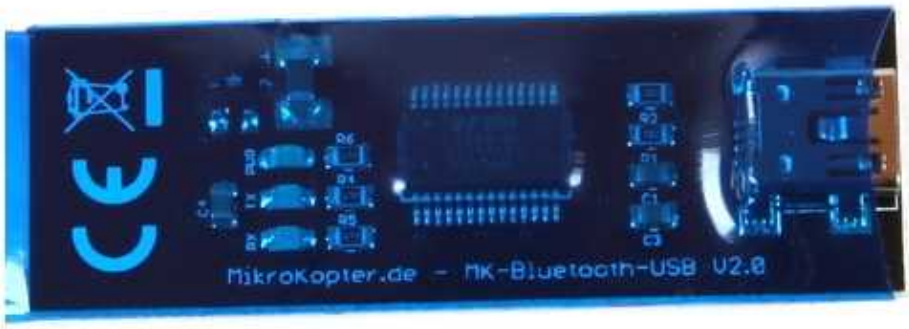
1 Bluetooth-Set

Shoplink: [Bluetooth-Set]

The ***Bluetooth-Set V2.0*** consists of a Bluetooth-Transmitter and a Bluetooth-Receiver. Both modules are already set and paired which allows a connection without any interference.
The range of the modules are specified by the manufacturer with up to 500mtr. The set contains everything what is necessary to connect it to the Kopter and to the PC.

	**Bluetooth-Set V2.0** 1x Bluetooth-Module PC 1x Bluetooth-Module Kopter 1x Connection-cable Bluetooth <-> Kopter 1x USB-cable Bluetooth <-> PC

2 Connection PC



For the installation of the ***MK-Bluetooth-USB*** a VCP-Driver is necessary. This driver can be downloaded here: VCP-Driver
INFO: Using **Windows 7** a separated driver is not necessary.

The ***MK-Bluetooth-USB*** will be connected via the USB-cable with the PC.
Here now you need to connect the Mini-USB plug of the USB-cable to the MK-Bluetooth-USB and the USB plug to a free port on the PC.


DVD
RW
intel
Core 2
Duo
inside

After connecting the ***MK-Bluetooth-USB*** the blue LED lights on, the module will be automatically detected and for the appropriate driver will be searched online as well as installed.
This procedure can take a few minutes.

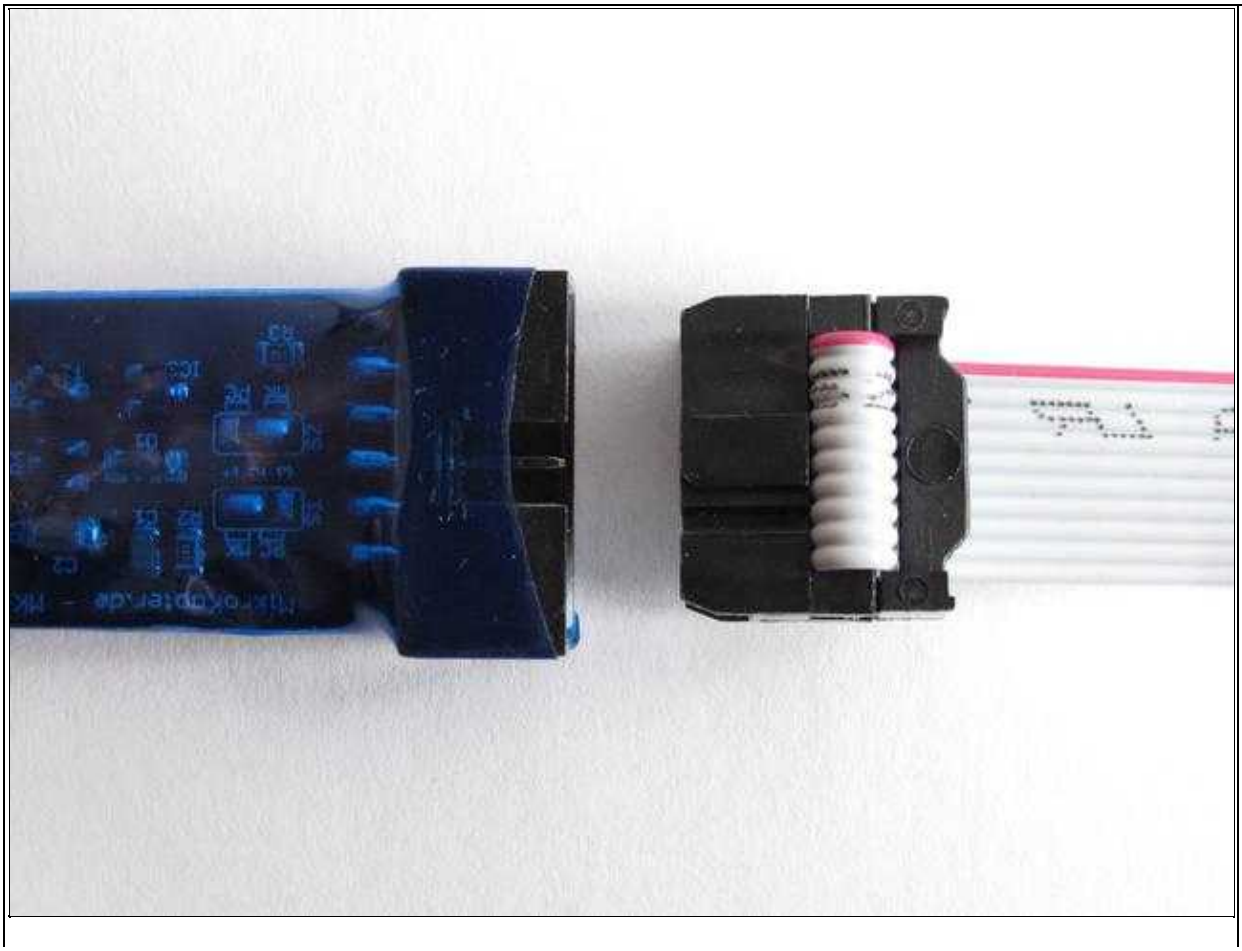
In the device manager you can find the COM-Port for the ***MK-Bluetooth-USB***. Here you can see also the COM-Port number which is required later on in the KopterTool.

3 Connection MikroKopter



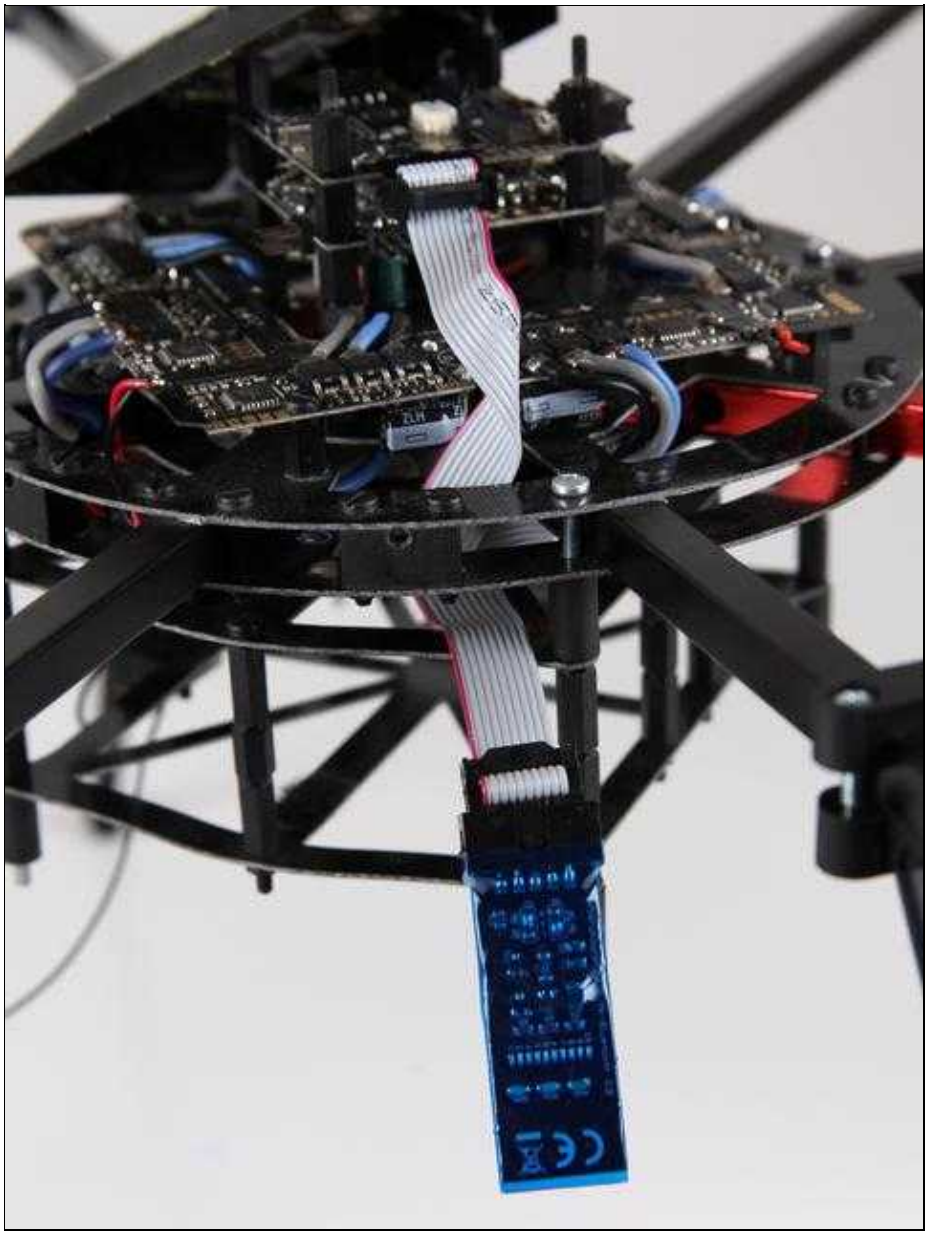
The enclosed ribbon cable will be connected with one side to the ***MK-Bluetooth***.
The other side is connected either to the FlightCtrl (EXT1) or when using the GPS-System to the NaviCtrl (Debug).

The plug can be connected here only in the correct polarity to the ***MK-Bluetooth***. Connecting to the FlightCtrl or NaviCtrl you need to take care of a correct connection!
The plug must show with the red side of the ribbon cable to pin "1" of the pin-header.



Connecting to MK-Bluetooth	Connecting to

The connection to a Kopter can look in that way:



4 Connection to the KopterTool

Are both Bluetooth-Modules connected you can start the KopterTool. Here now the COM-Port for the ***MK-Bluetooth-USB*** should be set (Infolink).
Now the connection between the Kopter and the KopterTool should be established automatically. Should that not be the case you should close the KopterTool and start it again.

5 Features / Password

If you want to use an additional program like i.e. "Dubwise" on your cellphone you can connect also the ***MK-Bluetooth*** at the Kopter with your cellphone.
You need to have a password for that connection. The password for the Bluetooth-Modules is set by default to four zeros (0000).