## **CNC Handheld**

## **Firmware**

the software for the ESP8266 (I use an NodeMCU) is written and flashed with the Arduino Studio.

DOWNLOAD:

display.zip

To make the Arduino Studio support the ESPs, the following boardmanager URL must be given (settings): http://arduino.esp8266.com/stable/package\_esp8266com\_index.json

then you can select the board NodeMCU 1.0 (ESP-12E modules), this selection fits for all my ESP8266 modules. The upload speed works here with the value of 921600, and as port I set /dev/ttyUSB0. Everything else stays at the default values.

## **BEFORE flashing**

the WLAN access data must be entered. In the file display ino search the following lines

```
char* ssid = "xxxxxxx";
char* password = "xxxxxxx";
```

and enter the access data of your router.

After that you can flash. It is best to open the Ardunio Monitor to check the successful login into the wlan.

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