

Arduine R3 and Cytron MDD10 problem

Hello,

I'm pulling my hair out to find a solution to my problem, but I can't. I hope you can help me. I will do my best to give you as much information as possible.

I want to spin PC fans to simulate wind. Everything works outside of Simhub. The motors spin fine when I press the "test" buttons on the Cytron MDD10 board.

As read on the forum, I cut the 5V connection on the board so that it is powered by USB.

I configured Simhub but I have a big doubt about the position of the jumpers on the Cytron MDD10 board and I also have a doubt about the PWM Output in Simhub. My problem may be here. So I need help with this setting.

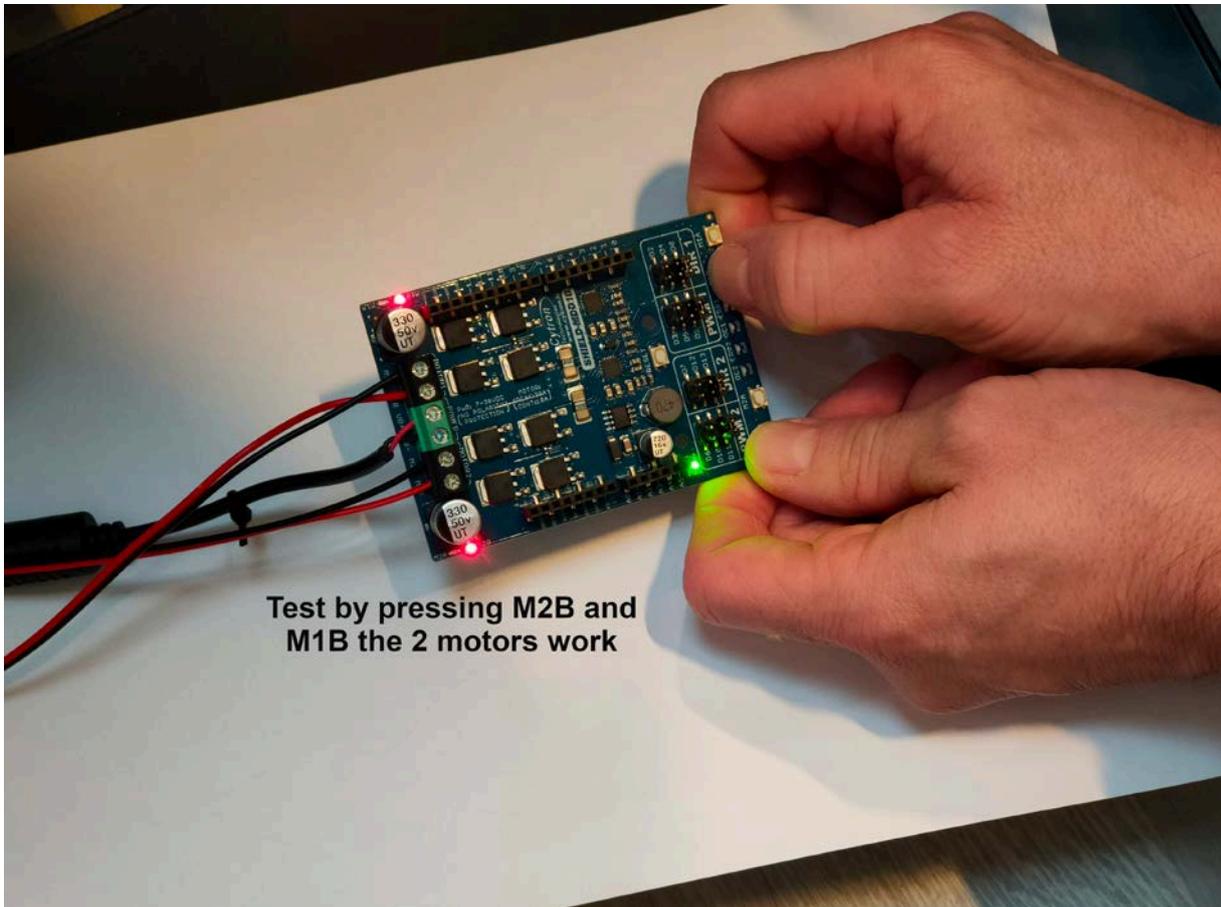
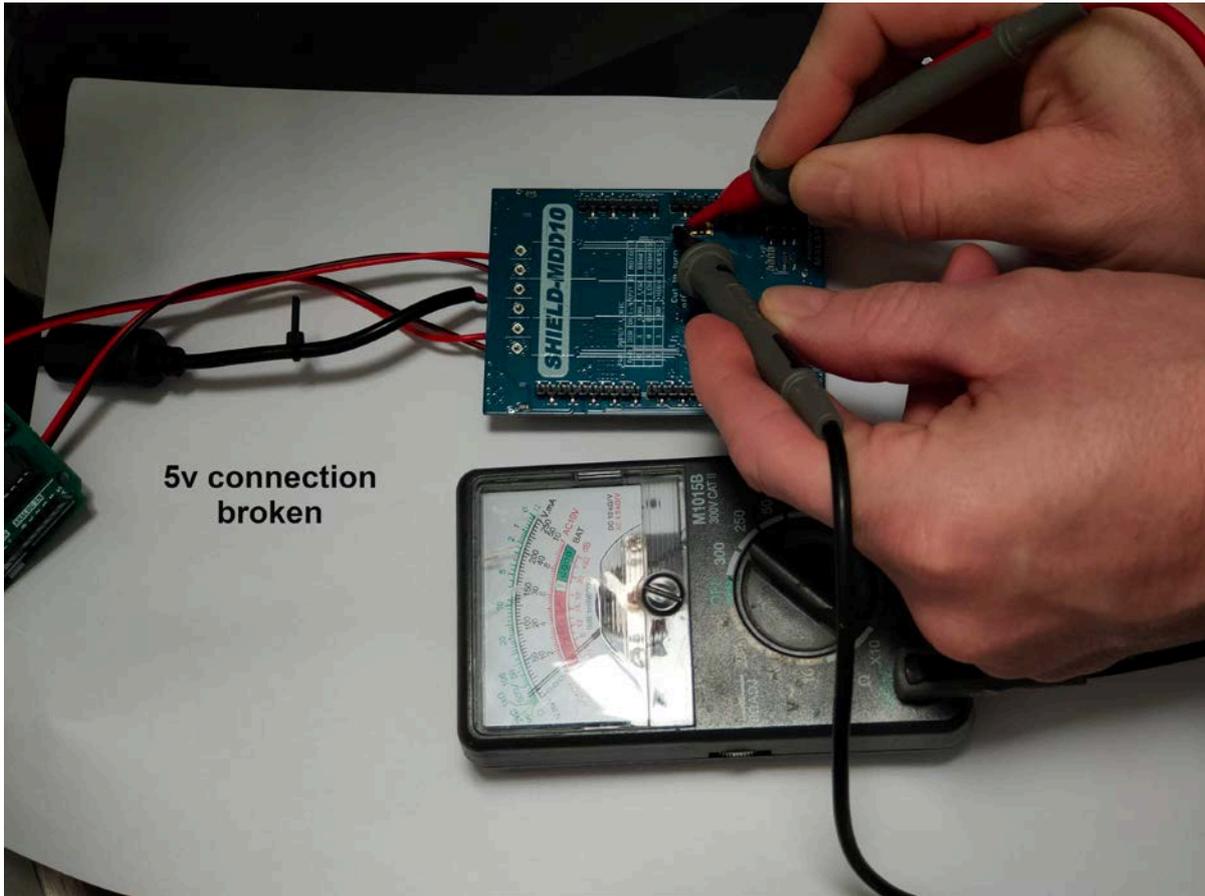
I tried to put the jumpers PWM1 on 3 and PWM2 on 10 (seen on this forum) and thus the same thing in Simhub but that does not give anything. I tried other combinations, but still nothing.

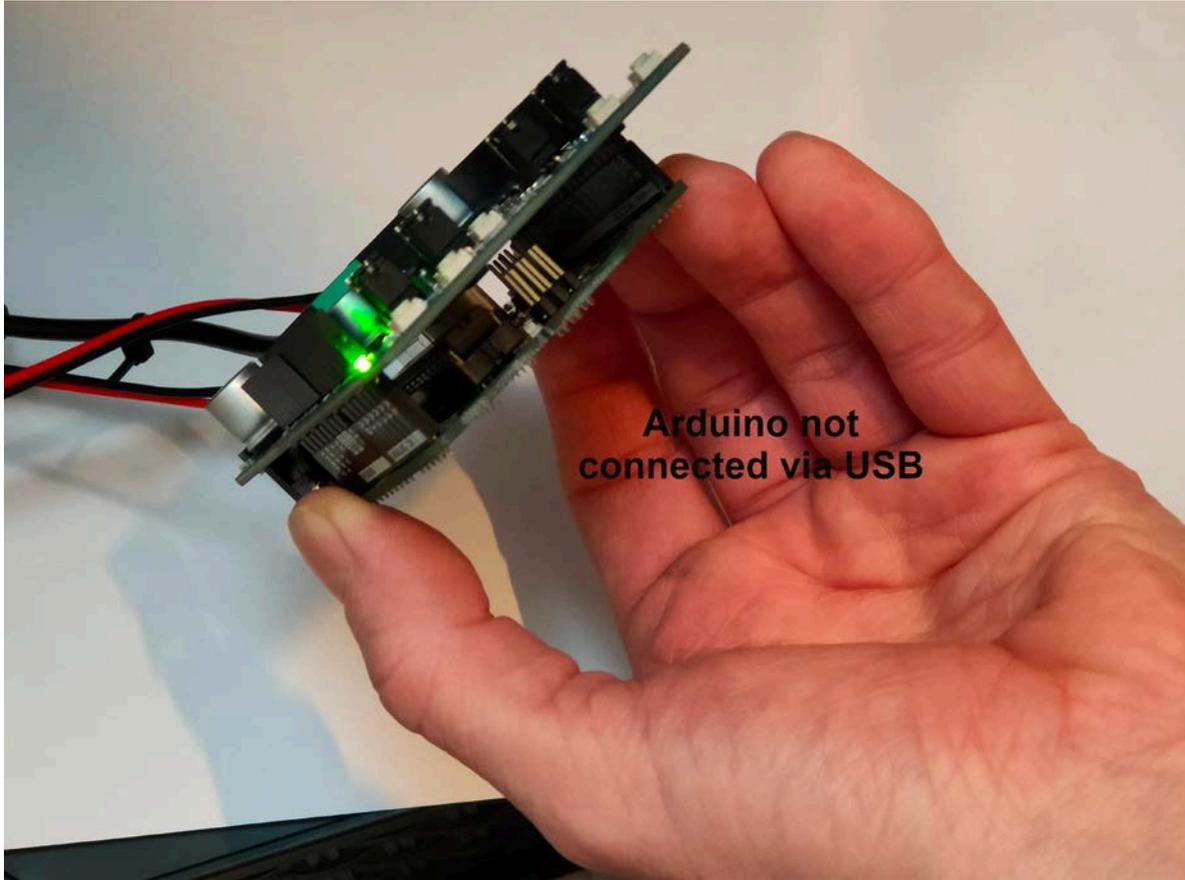
I also don't know what I should do with the DIR1 and DIR2 jumpers.

I hope you can help me and if you need more information let me know.

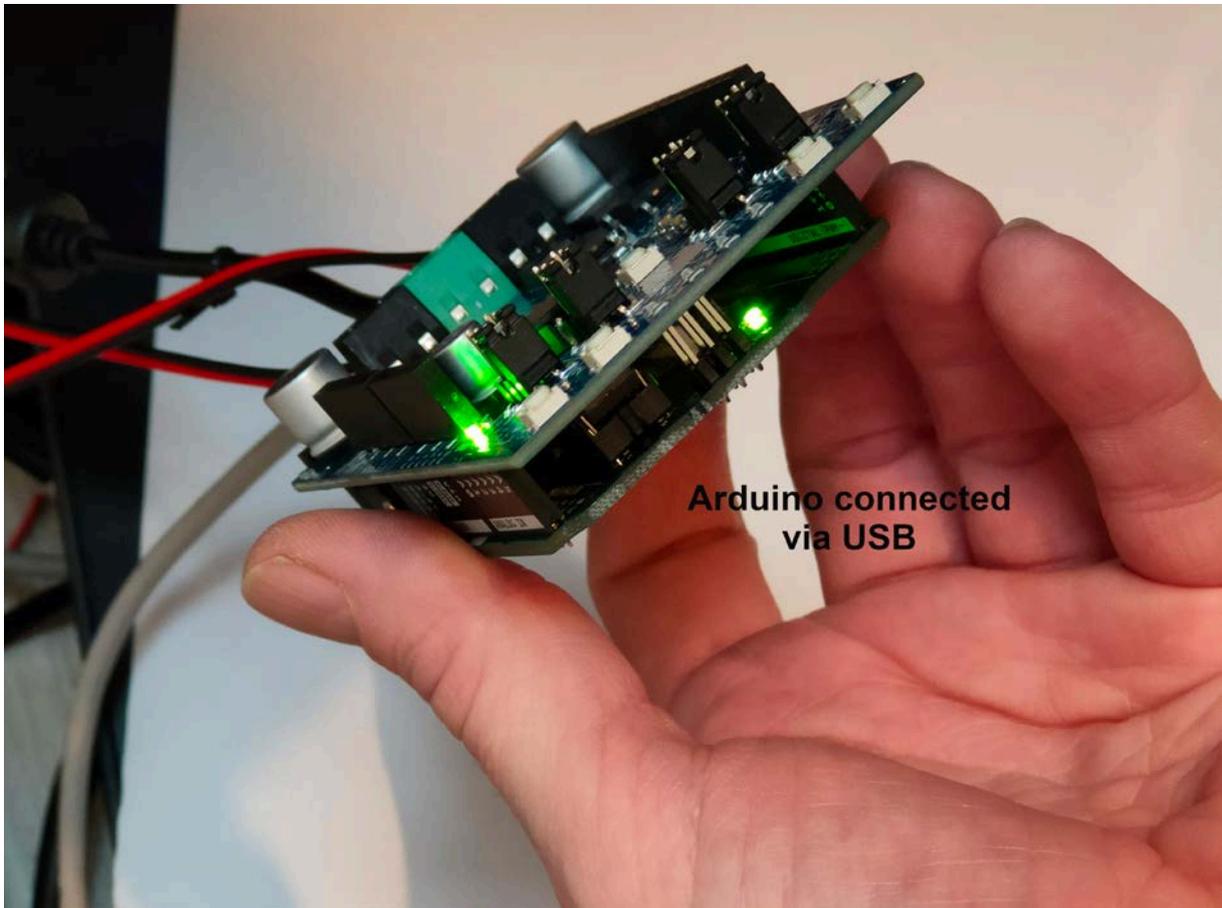
I enclose a documentation for the Cytron MDD10, if ever it can help.

Thank you

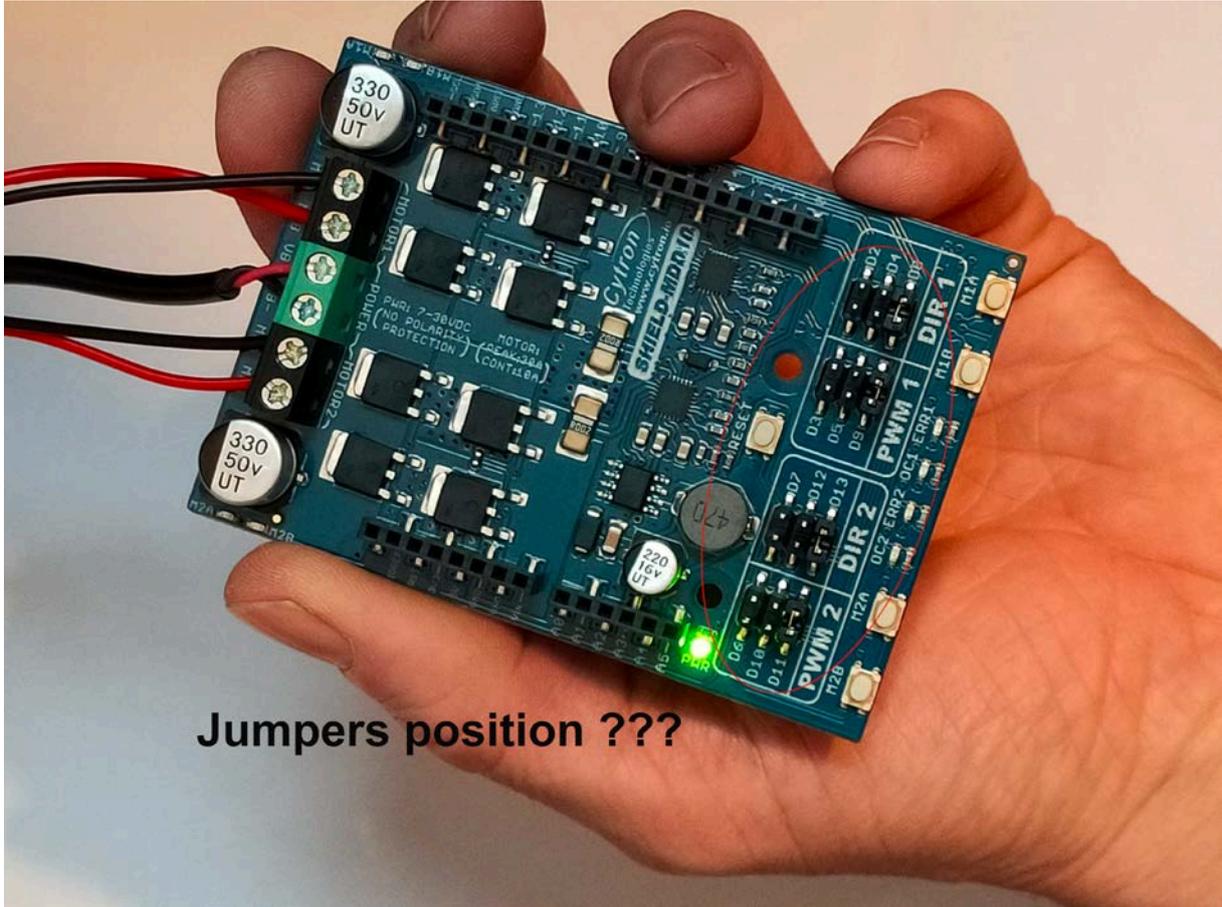




**Arduino not
connected via USB**



**Arduino connected
via USB**



SIMHUB - ASSETTO CORSA COMPETIZIONE - DECONNECTE

Arduino

SKETCH SETUP

File Profiles

SEARCH

MOTO monster board enabled OFF

SHAKERT DR Motor Shield DEPRECATED - See wiki OFF

SHAKERT L298N Motor Board L298N motor board enabled OFF

SHAKERT PWM Outputs

Shakert direct PWM outputs enabled, for fans, TDP120 or any PWM driven custom boards

PWM Output 1 pin	2
PWM Output 1 min (lower values will disable output)	9
PWM Output 1 max	0
PWM Output 2 pin	255
PWM Output 2 min (lower values will disable output)	11
PWM Output 2 max	0

SHAKERT PWM 15000 Outputs

Shakert direct PWM fans enabled (25kHz PWM)
 Arduino Uno pins 9 or 10
 Arduino Leonardo pins : 9, 10 or 11
 Arduino Mega pins : 11, 12 or 13

SHAKERT 0LED

0LED LCD enabled OFF

Nokia GLCD

Nokia LCD enabled OFF

4HC395 Gear Display

74HC395 gear display enabled OFF

COMPILE AND UPLOAD

Arduino serial port My arduino serial port (COM5)
 COM5 - Arduino Uno

Safety first! Put your seatbelt - to avoid uploading to the wrong device it's highly advised to unplug any arduino based device (motor, button box, windows etc...) and only keep your target arduino plugged. By doing this you will be sure to upload using the correct serial port.

I understand that uploading this sketch will replace any existing firmware on the arduino and I've made sure that I'm using the correct serial port.

UPLOAD TO ARDUINO

Print wiring diagram

