

QuickStart guide WMS101

The WMS101 is a Micro Bit Acceleration Measurement Kit with 0.96-inch OLED screen and Motor shield. You can view acceleration data on the bright OLED screen and control motors.

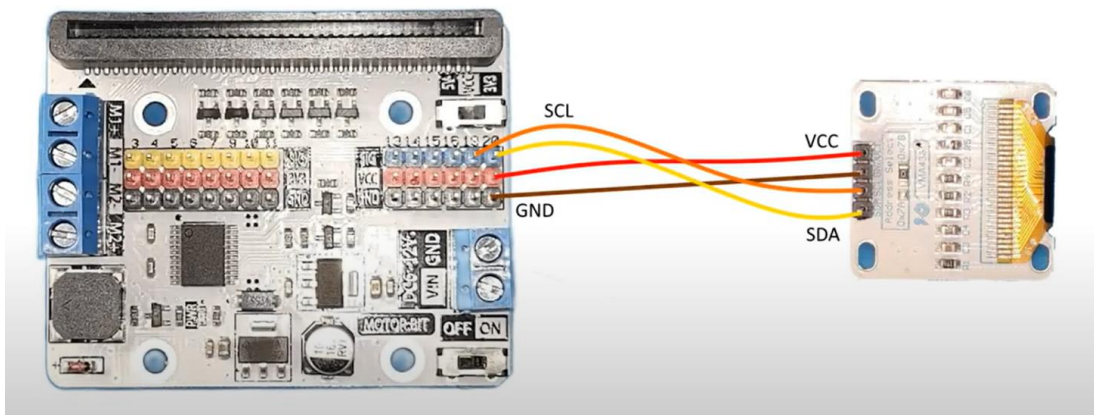
The Arduino is already preprogrammed with our code, but you can modify and download the Arduino source code on our GitHub page using the QR code below.



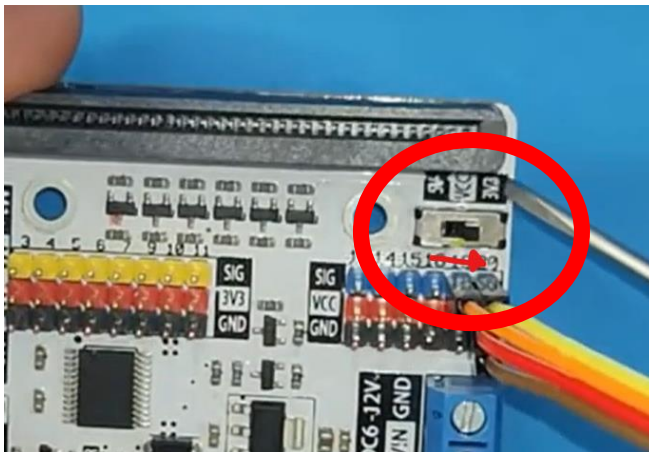
For a more detailed version of the assembly instructions and explanation how it works, you can follow our tutorial video using the QR code below.



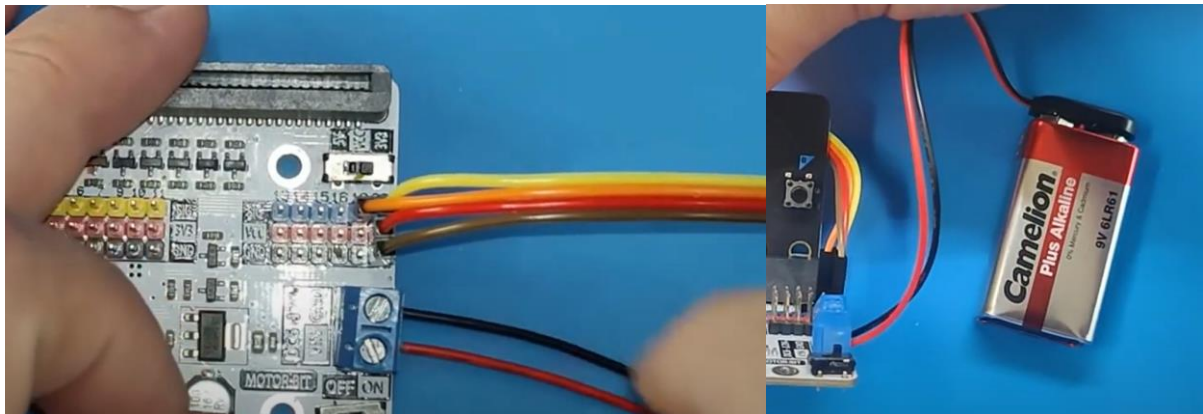
Now unbox everything and connect the OLED screen to the motor board like in the picture below using 4X Female to Female jumper cables



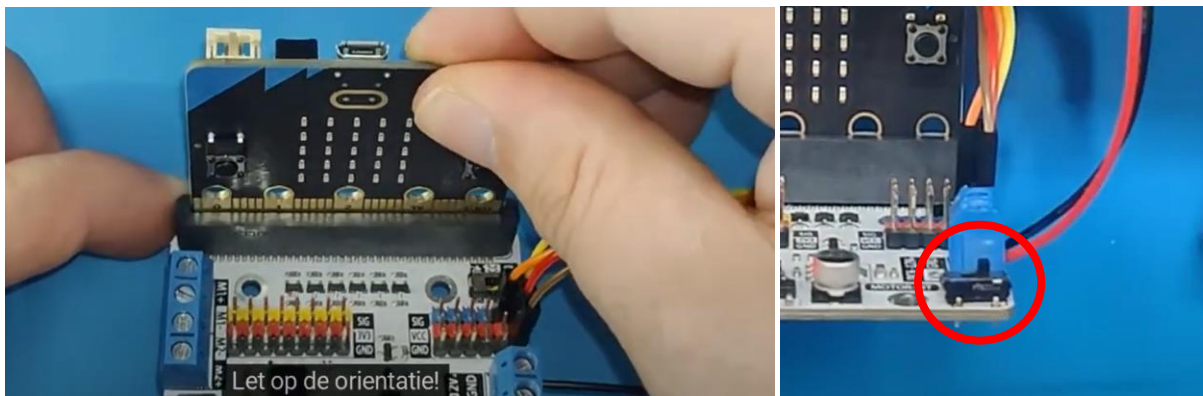
Make sure the Slide switch is set to 3V3



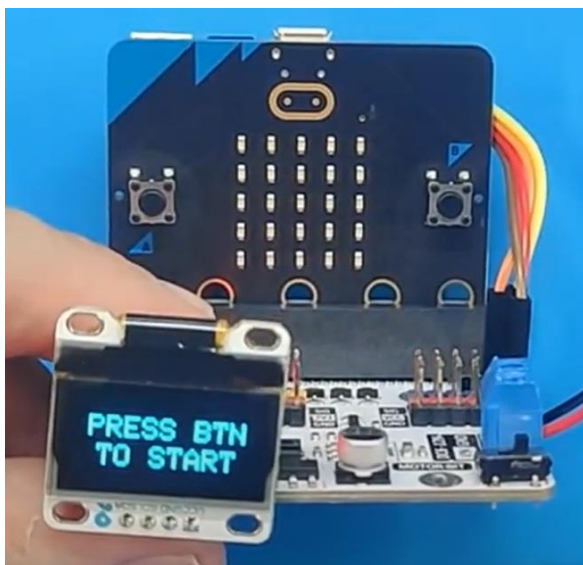
Now connect the battery using the 9V battery clip and connect the wires to the terminal on the Motor Shield, Dont switch the wires!



Connect the Micro Bit and set the ON/OFF switch of the motor board to ON.



Press the RESET button on the back of the Micro Bit, and the OLED screen should light up. Now follow the instructions on the screen.



Below you can find an example on how to use the Acceleration Kit. Mount it on any device that moves, crash your car, and see how many force it endured.

