

8 STEPS TO SETTING UP YOUR MMBT INTERFACE BOX

Install Drivers

Install drivers on stimulus presentation computer (choose appropriate 32/64-bit driver). Drivers only need to be installed on Windows computers.

Find Port Name

Windows: Right-click on This Computer > Manage > Device Manager, look for "Arduino (COMX)" and remember the COM port number.

Linux/Mac: Open Terminal and type: `ls /dev/tty.*` or `dmesg | grep tty` and remember the appropriate device name.

Configure Settings

Set up the MMBT Box as a serial/virtual COM port and use the following settings:
BAUD: 9600
Parity: none
Data Bits: 8
Stop Bit: 1
DTR control: enable

Run Experiment

Once you've implemented the code and set up everything accordingly it's time to run your first experiment with your MMBT Box sending through triggers.



Connect MMBT Box

Connect USB and DSUB-25 cable to MMBT Box and computer / biosignal amplifier system (e.g. EEG system).

Open Software

Open stimulus presentation software (e.g. E-Prime, Presentation, PsychoPy or others) or IDE of your choice.

Implement Code

Create your experiment and implement the code within your stimulus presentation software or IDE.

Setup Success

You are now ready to begin your research!

