

# MMB Triggerbox

Available as a package with a 1 year **Presentation License**

Highspeed Trigger Interface with **Seemless Integration**

**Submilisecond precision** when sending triggers

**Compatible** with a multitude of software



## Overview

NEUROSPEC AG has manufactured a low-cost trigger interface to be used especially for notebook computers that lack a Printer Port / Parallel Port / PCMCIA Express Port. 8 data bits are sent via the MMB Trigger Interface Box (acts as a virtual COM port) to the EEG system as well as other biosignal recording systems with a submillisecond precision.

## Compatible Software

- Presentation®, NeuroBehavioral Systems (NBS)
- E-Prime, Psychology Software Tools, Inc.
- PsychoPy, Psychology software in Python, Peirce JW
- OpenSesame, COGSCI dotNL cognitive science and more
- Inquisit, Millisecond



## Technical specifications

The MMB Trigger Interface Box USB interface provides an 8-bit output port that is plug- and pin-compatible to a standard parallel port. The box contains FTDI drivers and hence uses standard Arduino drivers, which makes it compatible with almost any operating system. The box appears as serial port and trigger codes are sent to this serial port using standard I/O port functions. The trigger codes appear with a delay of max. 180µs at the device output port (measured with Windows 7). MMB Trigger Interface Box can be programmed according to your needs, i.e. triggers can go to high or low; switch off after 8 milliseconds; or can be switched off

