


[About Us](#)
[Blog](#)
[Forums](#)
[Support](#)
[Ordering](#)

# StimTracker



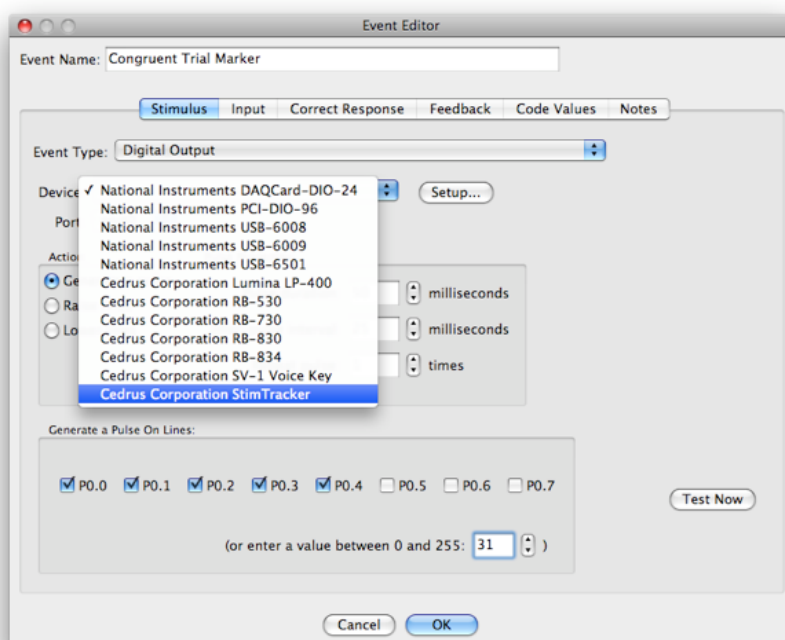
## Using StimTracker with SuperLab

Last Revision: December 2, 2011

### How It Works

StimTracker can [mark the onset of visual stimuli](#) directly by using small lightsensors. It can also directly [mark the onset of auditory stimuli](#).

But there are times when sending event markers from the stimulus presentation computer is still necessary, for example to send different event markers to code an experimental condition. When using SuperLab, you can send event markers by creating an event of type "Digital Output" and selecting StimTracker as the output device:



### The Connection

In order to send event markers from a computer running SuperLab to StimTracker:

- You need to install the USB driver. (Note: this is the only feature in StimTracker that requires installing the USB driver)
- SuperLab version 4.5 or later is required.
- Use a USB cable to connect the computer to StimTracker's "Main USB" connector.

### Sending Your First Event Marker

As a first step, it is important to verify that SuperLab is able to communicate with your EEG software, e.g. Acknowledge or LabChart. To do so, in the Event Editor's **Stimulus** tab:

- Set "Pulse duration" to 500 milliseconds
- Set "Inter-pulse interval" to 200 milliseconds
- Set "Repeat pulse" to 10 times
- Turn on all the checkboxes labeled **EM0** through **EM7**

Making the changes above allows you to send a train of 10 longer pulses, and on all lines, making it easier to troubleshoot.

Now click on the **Test Now** button. The blue "Marker" light on StimTracker's front panel should light up. If it does, then this confirms that the USB driver is installed correctly and that SuperLab is able to communicate with StimTracker. Your EEG software should also be able to "see" event markers coming from StimTracker. If it does not, check the cabling between StimTracker and your EEG hardware.

#### Products

[SuperLab](#)  
Build Experiments  
[StimTracker](#)  
Send Event Markers —  
Easily  
[Lumina](#)  
Response Pads for MRI  
[RB Series](#)  
Desktop Response Pads  
[SV-1](#)  
Voice Key

#### Other Links

[Support](#)  
[Forums](#)  
[News](#)  
[Blog](#)  
[Contact US](#)

#### Calendar

**Psychonomics**  
Long Beach • Nov 2014  
**EPA**  
Philadelphia • March 2015  
**CNS**  
San Francisco • March 2015  
**MPA**  
Chicago • May 2015  
**APS**  
New York • May 2015  
**ISMIRM**  
Toronto • May 2015

**Subscribe.** We will not sell or  
share your email address. Ever.

Subscribe ▶

[RSS Feed](#)

[On Twitter](#)

© Copyright 2015 Cedrus Corporation, P.O. Box 6309, San Pedro, CA 90734 - USA  
Toll Free: (800) 233-7871, other (310) 548-9595. Send us [an email](#). [Privacy policy](#).