

Event markers

Technical Note

Overview

Psychophysiological and human neurobiology experiments often require the experimental subject to indicate responses to visual, auditory, or tactile stimuli. iWorx event markers allow subject responses to be included in the LabScribe data recording.



EM-220

The EM-220 Event Marker connects to one of the event marker (EM) jacks on the rear of the IX-TA-220. It produces a voltage change on its dedicated channel as long as the button is pressed. It can be used to measure reaction time in psychophysiological and human nervous system experiments.

The EM-100 Event Marker is identical to the EM-220 but has a DIN8 connector for use with other iWorx data recorders.



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RPD-400

The RPD-400 Four-button Response Marker is a four channel, hand-held, push button switch. It connects to the digital input connector of the IX-TA-220 or the IX-RA-834. When any of the four buttons are pressed, the RPD-400 delivers a TTL pulse on the corresponding digital Input. Using this response marker, an experimental subject is able to indicate a response chosen from up to four alternatives.



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