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Subject: Brainwave gaming has arrived

Posted by [Blazer](#) on Wed, 21 Mar 2007 09:44:48 GMT

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Who will be the first to snipe someone in Renegade just by thinking it? I can't wait to see Kozars face contorted like he is trying to take a dump, while disarming a beacon...oh wait he already does that.

<http://www.legitreviews.com/article/475/1/>

articleNeural activity generates electrical potentials that are picked up by the three electrodes that are on the forehead of the user. The actuator then separates the electrical activities into three classes of neural and electromyographic signals. These signals are said to reflect the activities of the extraocular muscles, the brain, and the facial muscles.

These signals are then decoded and combined with each other to create unique commands based on the specific permutation of brain, eye and facial muscle activity.

Unlike other products this device hooks into existing games now and allows you to play games like Unreal Tournament already. There is a learning curve to using one of these, but it's pretty easy and should take ~2 minutes to get the device working.

The biggest market for this device will be gamers as they will be able to use the neural impulse actuator in combination with the a mouse to control the shooting, jumping, running, etc. in FPS games. OCZ hopes to bring the actuator to market by year's end and hope to bring it to market at around \$300 USD.

EDIT: Video of some guy using it: [http://www.youtube.com/watch?v=BKd\\_AJUUT7Q](http://www.youtube.com/watch?v=BKd_AJUUT7Q)