



Synaptics Shows Buttonless Remote Control Concept for Digital Home

'Boomerang' Remote, with Curved, Horizontal Design and TouchPad(TM)-like Cursor Control, Enhances Navigation for Computer, TV and Other Home Controls

SANTA CLARA, Calif., Jan 23, 2008 /PRNewswire-FirstCall via COMTEX News Network/ -- Synaptics Inc. (Nasdaq: SYNA), a leading developer of human interface solutions for mobile computing, communications and entertainment devices, today introduced "Boomerang", a completely buttonless and keyless universal remote control concept. Designed as a command control center for all home digital entertainment, Boomerang demonstrates the functionality and industrial design possibilities of Synaptics' core capacitive sensing technology. The concepts integrated into Boomerang are available to OEM's interested in converging home and entertainment controls with an intuitive easy-to-use remote that features the benefits of incorporating capacitive buttons, scrolling, cursor navigation and advanced gestures, while also enabling unique and appealing industrial design without the clutter of mechanical buttons and keys.

(Photo: <http://www.newscom.com/cgi-bin/prnh/20080123/AQW058>)

Utilizing the same technology behind Synaptics' market-leading TouchPad(TM) for notebook PCs, the Boomerang remote control concept demonstrates how capacitive sensing technology can be applied to future designs, allowing more functionality and easy access to, and control of, a home entertainment system's numerous features. Boomerang uses direct cursor-control to navigate anywhere on the surface of the remote. This type of remote design can also employ Synaptics' advanced gestures -- Pinch, ChiralMotion and Momentum -- for commands such as volume, zoom and scrolling. Capacitive sensing technology also has no moving parts to wear out and is virtually immune to both dirt and moisture. Users don't have to worry about damaging the remote's buttons after constant usage-capacitive buttons never wear out.

"Today, most universal remotes allow control of standard home equipment such as TVs, DVDs and stereos-Boomerang goes one step further to control equipment and functions, such as pausing a TV show to purchase an item shown on the screen and transferring data between multiple devices," said Mark Vena, vice president of Synaptics' PC business unit. "Our customers in this space are excited by the possibilities of this type of remote -- they can visualize how the user interface can transform the design and function of universal remote controls."

Boomerang Features

Synaptics' dynamic user interface solutions allow a variety of layout options and adaptive menus. The Boomerang demonstrates how capacitive technology and gesture recognition can improve the function of universal remote controls. Examples include:

- DualMode - highlights images of living areas on the remote TouchPad to help control home devices
- Proximity Sensing - remote activates and illuminates as user approaches and powers down when user moves away
- Feedback - remote provides visual, audio and tactile feedback to indicate when the user's command is recognized
- Dynamic Control - Gesture-based control pad customized to take full advantage of the digital home

About Synaptics

Synaptics (Nasdaq: SYNA) is a leading developer of human interface solutions for the mobile computing, communications and entertainment industries. The company creates interface solutions for a variety of devices including notebook PCs, PC peripherals, digital music players and mobile phones. The TouchPad(TM), Synaptics' flagship product, is integrated into a majority of today's notebook computers. Consumer electronics and computing manufacturers use Synaptics' solutions to enrich the interaction between humans and intelligent devices through improved usability, functionality and industrial design. The

company is headquartered in Santa Clara, Calif. <http://www.synaptics.com>

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