



## Universal Electronics Unveils Advanced Approach to Increase Energy Efficiency in Remote Controls

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### ***Low Energy IR Engine can effectively reduce frequency of battery replacement in remotes***

CYPRESS, Calif., Jan 07, 2011 (BUSINESS WIRE) --

Universal Electronics Inc. (UEI) (NASDAQ: UEIC) today announced the availability of its Low Energy IR Engine (LowEIR), a method for substantially reducing energy usage in infrared (IR) remotes without sacrificing performance. With LowEIR, battery life may be extended by years, under certain conditions, on traditional two battery infrared remote control designs.

LowEIR is compatible with all IR protocols and is especially efficient with XMP(R) and XMP-2 protocols. Implementation does not require any modifications to the target device and is scalable to support a wide range of performance requirements. Because LowEIR requires less energy, and potentially fewer batteries, this could reduce waste and tariffs, making it both an environmentally friendly option for consumers and a financially sound solution for device manufacturers and system operators.

To minimize remote control power consumption, LowEIR includes a new hardware-based timing state machine implemented in silicon bundled with an adaptive compensation algorithm to ensure accurate IR signal timing representation. The solution, developed through intense research and development by engineers in UEI's Cypress-based advanced technology group, is a combination of silicon, hardware, and new software that delivers an optimal energy management solution for IR remotes.

"In consideration of future generations and growing environmental regulations, we are pleased to offer a practical, energy saving solution for all compatible IR protocols," said Graham Williams, senior vice president of technology development at Universal Electronics. "We designed a realistic and economical solution to ensure that LowEIR is extensible to work with all current and future remote controls. We are committed to helping reduce battery waste by increasing the efficiency of energy usage in the devices that we design and build everyday."

Manufacturers and system operators interested in learning more about LowEIR and other advanced solutions from Universal Electronics are invited to visit UEI's booth #21243 in South Hall 1 during the International Consumer Electronics Show (CES) in Las Vegas January 6 through January 9, 2011.

### **About Universal Electronics Inc.**

Founded in 1986, Universal Electronics Inc. (UEI) is the global leader in wireless control technology for the connected home. UEI designs, develops, and delivers innovative solutions that enable consumers to control entertainment devices, digital media, and home systems. The company's broad portfolio of patented technologies and database of infrared control software have been adopted by many Fortune 500 companies in the consumer electronics, subscription broadcast, and computing industries. UEI sells and licenses wireless control products through distributors and retailers under the One For All(R) brand name. UEI also delivers complete home control solutions in the professional custom installation market under the brand name Nevo(R). More information is available at [www.uei.com](http://www.uei.com).

### **Safe Harbor Statement**

*This press release contains forward-looking statements that are made pursuant to the Safe-Harbor provisions of the Private Securities Litigation Reform Act of 1995. Words and expressions reflecting something other than historical fact are intended to identify forward-looking statements. These forward-looking statements involve a number of risks and uncertainties, including the timely development, delivery and market acceptance of products and technologies identified in this release; the Company's continued ability to design products in a fashion that results in its technology being accepted by the companies customers and the end users; and other factors described in the Company's filings with the Securities and Exchange Commission. The actual results that the Company achieves may differ materially from any forward looking statement due to such risks and uncertainties. The Company undertakes no obligations to revise or update any forward-looking statements in order to reflect events or circumstances that may arise after the date of this release.*

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