



**FOR IMMEDIATE RELEASE**

**AMBIENT'S BPL SYSTEM FCC CERTIFIED FOR COMMERCIAL DEPLOYMENT**

***Second-generation Communications Nodes Granted FCC BPL Equipment Authorization***

**Boston, MA, September 7, 2006 - Ambient Corporation (OTCBB: ABTG)**, a leader in Broadband over Power Lines (BPL) solutions, today announced that it has received a grant of BPL Equipment Authorization from the Federal Communications Commission (FCC) for its second-generation communication node, known as the X<sup>2</sup>. This grant means that Ambient's X<sup>2</sup> has been certified by the FCC to be fully compliant with FCC rules and requirements for Access BPL equipment.

Ambient's X<sup>2</sup> was lab and field tested by an independent FCC-certified laboratory. The nodes were tested with Ambient's full product suite of couplers, including overhead, underground, medium- and low-voltage, at multiple locations, in different geographical areas. The test results and required documentation were then submitted to the FCC's Office of Engineering and Technology (OET). Ambient's X<sup>2</sup> has been certified to be fully compliant with all FCC rules and requirements for Access BPL equipment based on the lab's test report and successful demonstration of required functionality, including remotely-controlled and flexible notching capabilities.

BPL allows utilities to build exciting new communications platforms, which can enable the offering of an additional option for competitive broadband services – particularly in rural or other underserved areas - to residences and municipal or commercial offices. Utilities can employ the technology for enhanced grid management and administration, outage detection, automated meter reading, and other applications, all of which can increase the performance and reliability of existing distribution networks.

"FCC Certification allows us to market, sell and install our newest generation of nodes – which we have already successfully installed in the field - for commercial deployments," commented John J. Joyce, President and CEO of Ambient Corporation.

Continued Mr. Joyce, "Being the first high-speed BPL access product to receive certification demonstrates Ambient's technical leadership in the industry. We invite the public to see us present our entire product suite at the UPLC Broadband Power Line 2006 conference in Charlotte, NC during September 17<sup>th</sup>-20<sup>th</sup>."

The Ambient Broadband over Power Lines (BPL) technology enables utilities to deploy a high-speed communications network over existing power line infrastructures. The BPL network can be utilized to provide a variety of consumer or utility services and applications simultaneously. Consumer applications suite may include broadband Internet access and telephony (VoIP - Voice over Internet Protocol) while utility applications may include system monitoring, demand side management and advanced metering.

Ambient offers solutions for building networks over Medium Voltage (2 kV to 25 kV) and Low Voltage (up to 600 V) distribution lines. The product line includes couplers, modems, and communications nodes. Ambient is a complete solution provider with system engineering, integration, and consulting services.

**About Ambient Corporation**

Ambient Corporation, a development stage company and founding member of the Universal Powerline Association (UPA), is a pioneer in the Broadband over Power Lines (BPL) industry. Engaged in the design, development and marketing of patented BPL equipment and technologies, Ambient's proprietary technology and in-depth industry experience is designed to provide optimal solutions for the Utility and Multi-Dwelling Unit (MDU) markets. Headquartered in Newton, MA, Ambient is a publicly traded company (OTC BB: ABTG). Visit Ambient at [www.ambientcorp.com](http://www.ambientcorp.com).

*This press release may contain forward-looking statements that involve risks and uncertainties. These statements may differ materially from actual future events or results. Readers are referred to the documents filed by Ambient Corporation with the SEC, including the company's most recent report on Form 10-KSB and 10-QSB, which identify important risk factors that could cause actual results to differ from those contained in the forward-looking statements. Ambient assumes no obligation to update any forward-looking statements. Ambient is a trademark of Ambient Corporation registered in the U.S. Patent and Trademark Office.*

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