



For Immediate Release

AMBIENT'S MOST COMPREHENSIVE EVENT DEMONSTRATION TO DATE

Demo at UTC Telecom 2005 to Include New Coupler and Node Designs

Boston, MA, May 18, 2005 – Ambient Corporation (OTCBB: ABTG), a leader in Broadband over Power Lines (BPL) solutions, announced today its planned demonstration for United Telecom Council's (UTC) UTC Telecom 2005 Conference, May 22 – 25 in Long Beach, California. The UTC Conference is a telecommunications and information technology trade association event for utility, energy and other critical infrastructure companies.

Ambient will be located at booth 621 where it will have multiple demonstrations, including VoIP (Voice over Internet Protocol), an NMS (Network Management System), a load control/monitoring application, video surveillance and video conferencing. Utility application enablement will be a focus of Ambient's demonstration and has long been part of Ambient's core strategic direction. As utility decision makers from all over North America attend UTC, this is the ideal location for demonstrating Ambient's solutions.

Ambient will also demonstrate its latest version of its X-Node which contains both Generation 1 (45Mbps) and Generation 2 (200Mbps) BPL chipsets as well as 802.11a/b/g Wi-Fi. This demonstrates Ambient's flexible "last mile" architecture.

For more information on UTC Telecom 2005, please visit www.utctelecom2005.utc.org.

About Ambient Corporation

Ambient Corporation (OTC BB: ABTG) is a development stage company engaged in the design, development and marketing of BPL solutions that utilize existing electrical power distribution lines as a medium for the delivery of broadband and other communication services. The use of an electric power distribution system as a high-speed communication medium is commonly referred to as "power line communications" (PLC) or "broadband over power lines" (BPL). Visit Ambient at www.ambientcorp.com.

This press release may contain forward-looking statements that may involve risks and uncertainties. These statements may differ materially from actual future events. Readers are referred to the SEC documents filed by Ambient including the company's most recent 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 is a trademark of Ambient Corporation registered in the U.S. Patent and Trademark Office.

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