



Harmonic Extends Node Functionality for Deep Fiber Networks

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PWRBlazer(TM) HLN 3142 and 3144 Node Receiver Modules Enable Cable Operators to Provide More Bandwidth to/from the Home

SUNNYVALE, Calif., Jun 20, 2007 (BUSINESS WIRE) -- Harmonic Inc. (NASDAQ:HLIT) today announced enhancements to its PWRBlazer(TM) 3142 and 3144 1-GHz scalable nodes to facilitate the expansion of deep fiber networks. Today, more than four million homes are served by Harmonic's range of 1-GHz nodes, and the new high-power node receiver modules make it possible for cable operators to easily and more cost-effectively segment the hub-to-home section of the cable network. By reducing the number of homes or subscribers served per node, the effective bandwidth available to and from each home is increased. This is an essential requirement to support advanced services such as more high definition (HD) television, on-demand video and higher-speed Internet access.

Harmonic's PWRBlazer family of nodes and comprehensive range of broadband transmission solutions give operators greater choice and flexibility when planning and deploying their segmentation initiatives. The high levels of RF output provided by the PWRBlazer nodes enable operators to eliminate RF amplifiers in the plant and other active components in the last mile. The resulting passive coax network from the node to the home reduces operational expenditures by simplifying maintenance and enhancing reliability.

"Many of the leading cable MSOs in North America are implementing network segmentation to make more bandwidth available to individual subscribers," said Sunil Frida, Director of HFC Solutions for Harmonic Inc. "Harmonic's new high-power node receiver modules make it easier to take fiber deeper into the network while leveraging existing investments. With this solution, operators can deliver more forward and return path capacity for narrowcast applications such as video-on-demand, voice over IP and more bandwidth for data applications."

Using advanced technology that leverages the operator's existing outside plant and minimizes operating costs, Harmonic's broadband access solutions deliver high quality residential and business services around the world. In addition to the PWRBlazer nodes, Harmonic's full range of fiber-based transport solutions includes high performance 1550 and 1310 nm transmission, analog and digital return path, WDM transmitters, CWDM-based commercial services and cell tower backhaul solutions.

The PWRBlazer 1-GHz nodes will be on display at Harmonic's booth #373 at the SCTE Cable-Tec Expo, taking place in Orlando, Florida from June 20-22.

About Harmonic Inc.

Harmonic Inc. is a leading provider of versatile and high performance video solutions that enable service providers to efficiently deliver the next generation of broadcast and on-demand services including high definition, video-on-demand, network personal video recording and time-shifted TV. Cable, satellite, broadcast and telecom service providers can increase revenues and lower operational expenditures by using Harmonic's digital video, broadband optical access and software solutions to offer consumers the compelling and personalized viewing experience that is driving the business models of the future.

Harmonic (NASDAQ:HLIT) is headquartered in Sunnyvale, California with R&D, sales and system integration centers worldwide. The Company's customers, including many of the world's largest communications providers, deliver services in virtually every country. Visit www.harmonicinc.com for more information.

This press release contains forward-looking statements within the meaning of Section 27(A) of the Securities Act of 1933 and Section 21(E) of the Securities Exchange Act of 1934, including statements related to: facilitating the expansion of deep fiber networks, easier and more cost-effective segmentation of the cable network, making it easier to take fiber deeper into the network, and the ability to deliver more forward and return path capacity.

Our expectations and beliefs regarding these matters may not materialize, and actual results could differ materially from those projected. The forward-looking statements contained in this press release are also subject to other risks and uncertainties, including those more fully described in Harmonic's filings with the Securities and Exchange Commission including its recent Reports filed on Form 10-K and Form 10-Q. Harmonic does not undertake to update any forward-looking statements.

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