



## Harmonic Showcases Innovative IP Cable Solutions at SCTE Cable-Tec Expo

June 20, 2008

### - Celebrates 20 Years as Leader in Video Delivery Technology and Solutions -

SUNNYVALE, Calif., Jun 20, 2008 (BUSINESS WIRE) -- At SCTE Cable-Tec Expo 2008 booth #1753, Harmonic Inc. (NASDAQ:HLIT) will feature new products and solutions that address the most critical needs of cable operators today, including video compression for rich high definition (HD) programming, IP-based headend consolidation to lower operating expenditures, and fiber-based transport to improve bandwidth efficiency. At this year's show, Harmonic will also announce enhancements to its industry-leading NSG(TM) 9000 universal edgeQAM and fiber-based transport solutions. Cable-Tec Expo is a leading conference and technology exhibition for North American cable that will be held in Philadelphia from June 25-27.

June 2008 also marks twenty years of innovation, experience and market leadership for Harmonic in the television industry. Founded as Harmonic Lightwaves in 1988 focusing on development of ground-breaking optics technology, Harmonic went on to become a global leader in digital video and on-demand with the acquisitions of DiviCom (2000), Entone's on-demand business (2006) and Rhonet Technologies (2007). Today, the Company continues to pioneer significant advances in all aspects of video delivery technology.

"Over the years, Harmonic has successfully set the pace by developing technologies that enable more efficient and superior quality video services for cable operators, including the industry's first edgeQAM, the first all-IP headend solution, the world's first all MPEG-4 AVC deployment, and the first scalable node," said Nimrod Ben-Natan, Vice President of Product Marketing, Solutions and Strategy for Harmonic Inc. "Our leadership in cable continues to grow, with our focus on pioneering new technologies and introducing solutions that lower operators' expenses and enable new services. Today, solutions including powerful HD compression, modular CMTS capabilities on the NSG 9000, IP cable including Direct-to-Edge technology, and bandwidth expansion with more scalable HFC and FTTH transport are being evaluated and implemented by operators around the world."

Key digital video demonstrations at Cable-Tec Expo 2008 include:

- Encoding: State-of-the-art 3:1 MPEG-2 HD compression, 16:1 MPEG-2 SD compression, 1080p MPEG-4 AVC (H.264) HD and transcoding
- Stream Processing: An innovative single platform solution for splicing, statistical multiplexing, scrambling/descrambling, dynamic digital mosaics and forward error correction (FEC)
- Unicast Video Delivery: The industry's most advanced universal edgeQAM and IPTV delivery via Direct-to-Edge
- Catch-Up and Time-Shifted TV: An end-to-end solution for live program ingestion ideal for existing and new on-demand platforms, integrated with CableLabs specifications and leading program guides

Featured HFC solutions include:

- All-Digital and Segmentation: Efficient bandwidth management for the transition to all-digital and upstream capacity expansion
- RF over Glass (RFOG): Economical delivery of fiber-to-the-home (FTTH) with no changes to equipment in the headend
- Commercial Services: Innovative solution enabling the efficient multiplexing of residential and commercial wavelengths on the existing HFC architecture

Harmonic is a leading provider of video delivery solutions to cable, broadcast, satellite, Internet and telco video service providers around the world. Nine of the top 10 cable operators in the United States use Harmonic's market-leading NSG edgeQAMs to power their VOD services, and the multi award-winning NSG 9000 is in use by many of the world's leading cable operators for VOD, modular cable modem termination system (M-CMTS), switched digital video (SDV), broadcast, and edge encryption applications. Millions of homes are served by Harmonic's range of 1-GHz PWRBlazer(TM) nodes, part of Harmonic's full range of fiber-based transport solutions.

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](http://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: enhancements to industry-leading NSG 9000 universal edgeQAM and fiber-based transport solutions, and our leadership in cable continuing to grow.

Our expectations and beliefs regarding these matters and the anticipated features and benefits of the products and solutions to be demonstrated at SCTE Cable-Tec Expo 2008 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.

EDITOR'S NOTE - Product and company names used herein are trademarks or registered trademarks of their respective owners.

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