



Harmonic Announces 4:2:2 Decoding Capability On ProView(TM) 7100 Integrated Receiver-Decoder

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Introduction of MPEG-2/MPEG-4 AVC 4:2:2 Decoding With up to 10-bit Precision at AVC Further Improves Picture Fidelity for Contribution Applications

SAN JOSE, Calif. - Sept. 5, 2012 - Harmonic (NASDAQ: HLIT), the worldwide leader in video delivery infrastructure, today announced 4:2:2 decoding capabilities for its ProView(TM) 7100 integrated receiver-decoder (IRD), transcoder, and stream processor. Leveraging this powerful new capability, the IRD's SD and HD decoder can support 4:2:2 compressed video streams in both MPEG-2 and MPEG-4 AVC 8/10-bit formats, enabling content and service providers to deliver the professional video quality required for contribution applications.

By integrating 4:2:2 decoding for DVB-S/S2, IP, and DVB-ASI input interfaces into the ProView 7100, Harmonic allows content providers to cost-effectively decode SD and HD content presented as either MPEG-2 or MPEG-4 AVC compressed streams with improved picture fidelity.

"Video content goes through multiple compression stages before being distributed to viewers, making it essential to preserve high video quality within the contribution stages of a broadcast workflow," said Krish Padmanabhan, senior vice president of video products at Harmonic. "Using Harmonic's ProView 7100 4:2:2 decoder with 10-bit precision for MPEG-4 AVC transport streams, service providers maintain the color fidelity of video content when performing subsequent post-production processes such as chroma keying."

The ProView 7100 supports a variety of contribution and distribution applications, including single-channel decoding, MPEG-4 AVC-to-MPEG-2 transcoding, and DVB descrambling. With the capability to perform multiformat video decoding, descrambling and remultiplexing of up to four transport streams, as well as transcoding for up to eight channels, the multifunctional platform dramatically lowers a broadcaster's operational expenses.

Harmonic will demonstrate a comprehensive range of solutions, including the ProView 7100, at stand 1.B20 at IBC2012 in Amsterdam, Sept. 7-11. Harmonic's portfolio of products enable broadcasters and operators to produce video content more efficiently in any format, distribute content cost-effectively over any network, and support a high-quality viewing experience reliably on any device. ProView 7100 with 4:2:2 decoding capabilities is expected to ship in the fourth quarter of 2012.

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About Harmonic

Harmonic (NASDAQ: HLIT) is the worldwide leader in video delivery infrastructure for emerging television and video services. The company's production-ready innovation enables content and service providers to efficiently create, prepare, and deliver differentiated services for television and new media video platforms. More information is available at www.harmonicinc.com.

This press release contains forward-looking statements within the meaning of Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934, including statements related to the anticipated capabilities and benefits of Harmonic's ProView(TM) 7100 product. Our expectations and beliefs regarding these matters may not materialize and are subject to risks and uncertainties, including the possibility that ProView 7100 meets some or all of its anticipated capabilities or provide some or all of its anticipated benefits, such as improved picture fidelity, high-quality viewing, efficient production of video format, cost-effective distribution of content, and the lowering of operation expenses.

The forward-looking statements contained in this press release are also subject to other risks and uncertainties, such as those more fully described in Harmonic's filings with the Securities and Exchange Commission, including its Annual Report on Form 10-K for the year ended Dec.31, 2011, its Quarterly Reports on Form 10-Q and its Current Reports on Form 8-K. The forward-looking statements in this press release are based on information available to Harmonic as of the date hereof, and Harmonic disclaims any obligation to update any forward-looking statements.

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