UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, I	D.C. 20549
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Current Report
Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

May 4, 2009

Date of Report (Date of earliest event reported)

HARMONIC INC.

(Exact name of Registrant as specified in its charter)

Delaware 000-25826 77-0201147

(State or other jurisdiction of commission File Number (I.R.S. Employer incorporation or organization) Identification Number)

549 Baltic Way Sunnyvale, CA 94089

(Address, including zip code, and telephone number, including area code, of Registrant's principal executive offices)

(408) 542-2500

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (see General Instruction A.2. below):

Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

Item 2.02. Results of Operations and Financial Condition.

On May 4, 2009, Harmonic Inc. ("Harmonic" or the "Company") issued a press release regarding its unaudited financial results for the quarter ended April 3, 2009. In the press release, Harmonic also announced that it would be holding a conference call on May 4, 2009, to discuss its financial results for the quarter ended April 3, 2009. A copy of the press release is furnished as Exhibit 99.1 hereto, and the information in Exhibit 99.1 is incorporated herein by reference.

The information in this Current Report on Form 8-K and the exhibit attached hereto is being furnished and shall not be deemed "filed" for the purposes of Section 18 of the Securities Exchange Act of 1934, as amended, (the "Exchange Act") or otherwise subject to the liabilities of that Section, and this Current Report on Form 8-K and the exhibit furnished herewith shall not be incorporated by reference into any filing by Harmonic under the Securities Act of 1933, as amended, or under the Exchange Act.

Item 9.01. Financial Statements and Exhibits.

(d) Exhibits.	
Exhibit Number 99.1	Description Press release of Harmonic Inc., issued on May 4, 2009.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

HARMONIC INC.

Date: May 4, 2009

By:

/s/Robin N. Dickson Robin N. Dickson Chief Financial Officer

Exhibit Index

Exhibit Number	Description
99.1	Press release of Harmonic Inc., issued on May 4, 2009.



FOR IMMEDIATE RELEASE Press Release

CONTACTS:

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Harmonic Announces First Quarter Results

Maintaining Technology Leadership and Gross Margins

SUNNYVALE, Calif.— May 4, 2009—Harmonic Inc. (NASDAQ: HLIT), a leading provider of broadcast and on-demand video delivery solutions, today announced its preliminary and unaudited results for the quarter ended April 3, 2009. The results for the first quarter of 2009 include stub period results from the recent acquisition of Scopus Video Networks, which closed on March 12.

For the first quarter of 2009, the Company reported net sales of \$67.8 million, compared to \$87.3 million in the first quarter of 2008. The lower than anticipated net sales were the result of continuing weakness in the customer order rate across many different markets throughout most of the first quarter. Bookings for the first quarter were approximately \$57 million, compared to \$70 million and \$73 million in the first and fourth quarters of 2008, respectively. Moving into the second quarter, however, the Company has seen some signs of improvement in orders from customers.

Despite generating lower than anticipated net sales, Harmonic maintained strong gross margins, reflecting the continued success of its new products and solutions, flexible sourcing strategy and significant cost reduction efforts. The Company also continued to diversify its revenue mix across many different markets and geographies. International sales represented 52% of revenue for the first quarter of 2009, compared to 39% in the same period of 2008.

For the first quarter of 2009, the Company reported charges totaling \$11.9 million, which were primarily related to the acquisition of Scopus, including inventory provisions arising from discontinued Scopus products, transaction fees and expenses, and severance costs. In addition, the Company's tax provision for the first quarter of 2009 includes a non-cash tax charge of \$6.6 million to adjust the value of certain deferred tax assets as a result of recent changes in California tax law.

The Company reported a GAAP net loss for the first quarter of 2009 of \$18.8 million, or \$0.20 per diluted share, compared to net income of \$13.4 million, or \$0.14 per diluted share, for the same period of 2008. Excluding the charges totaling \$11.9 million noted above, and non-cash accounting charges for stock-based compensation expense, the amortization of intangibles and certain tax adjustments, the non-GAAP net income for the first quarter of 2009 was \$4.1 million, or \$0.04 per diluted share, compared to \$16.6 million, or \$0.17 per diluted share, for the same period of 2008. Both GAAP and non-GAAP results include a pre-tax loss of \$1.1 million (excluding the charges noted above) arising from the inclusion of Scopus' operations for part of the first quarter. See "Use of Non-GAAP Financial Measures" and "GAAP to non-GAAP Reconciliation" below.

As of April 3, 2009, the Company had cash, cash equivalents and short-term investments of \$261.8 million, compared to \$327.2 million as of December 31, 2008, with the reduction due primarily to Harmonic's cash payment of the purchase price for the acquisition of Scopus.

"We continued to see weakness in global customer spending through most of the first quarter. Given this environment, we are pleased with our gross margins and operating expense control," said Patrick Harshman, President and Chief Executive Officer. "Heading into the second quarter, we are seeing some signs of improving customer spending as well as positive customer response to our newest products. The recent acquisition of Scopus is further expanding our range of new products, capabilities and customers, and its integration is proceeding as planned."

Business Outlook

Harmonic anticipates that net sales for the second quarter of 2009 will be in a range of \$72.0 to \$78.0 million. GAAP gross margins and operating expenses are expected to be in a range of 42% to 44% and \$38.0 to \$39.0 million, respectively. Non-GAAP gross margins and operating expenses for the second quarter, which exclude charges for stock-based compensation, the amortization of intangibles and additional charges related to the continuing integration of Scopus, are anticipated to be in a range of 47% to 49% and \$33.5 to \$34.5 million, respectively.

Conference Call Information

Harmonic will host a conference call today to discuss its financial results at 2:00 p.m. Pacific (5:00 p.m. Eastern). A listen-only broadcast of the conference call can be accessed on the Company's website at www.harmonicinc.com or by calling +1.706.634.9047 (conference identification code 95711774). The replay will be available after 6:00 p.m. Pacific at the same website address or by calling +1.706.645.9291 (conference identification code 95711774).

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 video services, including high definition, video-on-demand, network personal video recording and time-shifted TV. Cable, satellite, broadcast and telecom service providers can utilize Harmonic's digital video, broadband optical access and software solutions to offer consumers a compelling and personalized viewing experience.

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.

Legal Notice Regarding Forward-Looking Statements

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: our expectations regarding our final results for the first quarter ended April 3, 2009; our expectations that we will see improvements in customer orders; our belief that, in the second quarter of 2009, we will experience positive customer response to our new products and increased customer spending; our belief that the integration of Scopus is proceeding as planned; our expectations regarding certain tax matters; and our expectations regarding net sales, GAAP gross margins, operating expenses, non-GAAP gross margins and non-GAAP operating expenses for the second quarter of 2009. Our expectations and beliefs regarding these matters may not materialize, and actual results in future periods are subject to risks and uncertainties that could cause actual results to differ materially from those projected. These risks include the possibility that: we will not be able to integrate Scopus into our business as effectively or efficiently as expected: Scopus does not provide Harmonic with the benefits and synergies that we currently expect from the acquisition; the trends toward more high-definition, on-demand and anytime, anywhere video will not continue to develop at its current pace, or at all; our products will not generate sales that are commensurate with our expectations; the mix of products sold and the effect it has on gross margins; delays or decreases in capital spending in the cable, satellite and telco industries; customer concentration and consolidation; general economic conditions, including the impact of recent turmoil in the global financial markets; market acceptance of new or existing Harmonic products; losses of one or more key customers; risks associated with Harmonic's international operations; inventory management; the effect of competition; difficulties associated with rapid technological changes in Harmonic's markets; the need to introduce new and enhanced products and the risk that our product development is not timely or does not result in expected benefits or market acceptance; risks associated with a cyclical and unpredictable sales cycle; and risks that our international sales and support center will not provide the operational or tax benefits that we anticipate or that

expenses exceed our plans. 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 our annual report filed on Form 10-K for the year ended December 31, 2008, and our current reports on Form 8-K. The forward-looking statements in this press release are based on information available to the Company as of the date hereof, and Harmonic disclaims any obligation to update any forward-looking statements.

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

Harmonic Inc. Condensed Consolidated Balance Sheets (In thousands) (Unaudited)

	Ap	April 3, 2009		December 31, 2008	
Assets					
Current assets:					
Cash and cash equivalents	\$	110,891	\$	179,891	
Short-term investments		150,943		147,272	
Accounts receivable, net		52,698		63,923	
Inventories		38,213		26,875	
Deferred income taxes		36,384		36,384	
Prepaid expenses and other current assets		14,703		15,985	
Total current assets		403,832		470,330	
Property and equipment, net		19,824		15,428	
Goodwill, intangibles and other assets		116,852		78,605	
	\$	540,508	\$	564,363	
Liabilities and stockholders' equity					
Current liabilities:					
Accounts payable	\$	13,126	\$	13,366	
Income taxes payable		2,365		1,434	
Deferred revenue		27,646		29,909	
Accrued liabilities		45,539		50,490	
Total current liabilities		88,676		95,199	
Accrued excess facilities costs		3,356		4,953	
Income taxes payable, long-term		40,910		41,555	
Other non-current liabilities		5,614		8,339	
Total liabilities		138,556		150,046	
Stockholders' equity:					
Common stock		2,269,621		2,263,331	
Accumulated deficit		(1,867,238)		(1,848,394)	
Accumulated other comprehensive loss		(431)		(620)	
Total stockholders' equity		401,952		414,317	
	\$	540.508	\$	564,363	

Harmonic Inc. Condensed Consolidated Statements of Operations (In thousands, except per share data) (Unaudited)

	Three Months Ended			
	April 3, 2009		March 28, 2008	
Net sales	\$	67,756	\$	87,277
Cost of sales		42,371		44,998
Gross profit		25,385		42,279
Operating expenses:				
Research and development		14,496		13,193
Selling, general and administrative		21,290		17,448
Amortization of intangibles		389		160
Total operating expenses		36,175		30,801
Income (loss) from operations		(10,790)		11,478
Interest and other income, net		864		2,803
Income (loss) before income taxes		(9,926)		14,281
Provision for income taxes		8,917		927
Net income (loss)	\$	(18,843)	\$	13,354
Net income (loss) per share				
Basic	\$	(0.20)	\$	0.14
Diluted	\$	(0.20)	\$	0.14
Shares used to compute net income (loss) per share:				
Basic		95,306		94,052
Diluted		95,306		95,212
5				

Harmonic Inc. Condensed Consolidated Statements of Cash Flows (Unaudited)

	e Months Ended
April 3, 200	
	n thousands)
flows from operating activities:	
st income (loss) \$ (18,84)	3) \$ 13,354
ljustments to reconcile net income (loss) to cash provided by (used in) operating activities:	
Amortization of intangibles 1,8	
Depreciation 1,8	
Stock-based compensation 2,3	,
	37 8
	26 136
Changes in assets and liabilities, net of effect of acquisition:	
Accounts receivable 17,3	29 12,424
Inventories 4,5	3 1,167
Prepaid expenses and other assets 9,5.	24 5,191
Accounts payable (3,20	3) (8,897)
Deferred revenue (3,06	(7,479)
Income taxes payable	53 264
Accrued excess facilities costs (1,55	6) (1,573)
Accrued and other liabilities (16,42	(7,592)
Net cash provided by (used in) operating activities (4,72	6) 11,877
flows provided by (used in) investing activities:	
urchases of investments (60,65	7) (9,990)
oceeds from sale and maturities of investments 58,7	
equisition of property and equipment, net (1,45)	5) (1,796)
quisition of Scopus (62,39	
quisition of Rhozet (45	
Net cash provided by (used in) investing activities (66,23	
flows from financing activities:	
oceeds from issuance of common stock, net	25 2,395
Net cash provided by financing activities 2.0	
Net cash provided by illiancing activities	25 2,395
et of exchange rate changes on cash and cash equivalents(6	(53)
ncrease (decrease) in cash and cash equivalents (69,00	0) 53,370
and cash equivalents at beginning of period 179,8	
and cash equivalents at end of period \$\frac{\$110,8}{}\$	91 \$ 182,375
and cash equivalents at end of period \$\frac{110,8}{6}\$	<u>}</u>

Harmonic Inc. Revenue Information (In thousands) (Unaudited)

		Three Months Ended			
		April 3, 2009		March 28 2008	,
Product					
Video Processing	\$	30,521	45%	\$ 34,786	40%
Edge & Access		23,553	35%	39,665	45%
Software, Services and Other		13,682	20%	12,826	15%
Total	\$	67,756	100%	\$ 87,277	100%
Geography					
United States	\$	32,227	48%	\$ 53,593	61%
International		35,529	52%	33,684	39%
Total	\$	67,756	100%	\$ 87,277	100%
Market					
Cable	\$	38,214	57%	\$ 51,566	59%
Satellite		15,798	23%	21,536	25%
Telco & Other		13,744	20%	14,175	16%
Total	\$	67,756	100%	\$ 87,277	100%
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Use of Non-GAAP Financial Measures

In establishing operating budgets, managing its business performance, and setting internal measurement targets, the Company excludes a number of items required by GAAP. Management believes that these accounting charges and credits, which are non-cash or non-recurring in nature, are not useful in managing its operations and business. Historically, the Company has also publicly presented these supplemental non-GAAP measures in order to assist the investment community to see the Company "through the eyes of management," and thereby enhance understanding of its operating performance. The non-GAAP financial measures presented here are gross margin, operating expense, net income and net income per share. The presentation of non-GAAP information is not intended to be considered in isolation or as a substitute for results prepared in accordance with GAAP and is not necessarily comparable to non-GAAP results published by other companies. A reconciliation of the historical non-GAAP financial measures discussed in this press release to the most directly comparable historical GAAP financial measures is included with the financial statements contained in this press release. The non-GAAP adjustments described below have historically been excluded from our non-GAAP financial measures. These adjustments, and the basis for excluding them, are:

Restructuring Activities

Severance Costs

The Company has incurred severance costs in cost of sales and in operating expenses in connection with the integration of its acquisition of Scopus in March 2009, as well as other severance costs related to headcount reduction actions in response to the global economic slowdown. The Company excludes one-time costs of this nature in evaluating its ongoing operational performance. We believe that these costs do not reflect expected future expenses nor do they provide a meaningful comparison of current versus prior operating results.

Excess Facilities

The Company has incurred excess facilities charges and credits in operating expenses due to adjustments related to vacating portions of its Sunnyvale campus and estimating income from subleases of buildings. The Company excludes one-time charges and credits of this nature in evaluating its ongoing operational performance. We believe that these charges and credits do not reflect expected future expenses nor do they provide a meaningful comparison of current versus prior operating results.

Product Discontinuance

In connection with the rationalization of product lines following the acquisition of Scopus, the Company recorded charges for excess inventory in connection with products which have been discontinued or which are excess to requirements as they are expected to be sold on a very limited basis. The Company excludes one-time costs of this nature in evaluating its ongoing operational performance. We believe that these costs do not reflect expected future expenses nor do they provide a meaningful comparison of current versus prior operating results.

· Acquisition Fees and Expenses

In accordance with the requirements of FAS 141R, which the Company adopted on January 1, 2009, fees and expenses paid to professional advisers in connection with the acquisition of Scopus in March 2009 have been expensed. These acquisition-related costs are of a one-time nature and the Company excludes costs of this nature in evaluating its ongoing operational performance. We believe that these costs do not reflect expected future expenses nor do they provide a meaningful comparison of current versus prior operating results.

Non-Cash Items

Stock-Based Compensation Expense

The Company has incurred stock-based compensation expense in cost of sales and operating expenses as required under FAS 123R. The Company excludes stock-based compensation expense because it believes that this measure is not relevant in evaluating its core operating performance, either for internal measurement purposes or for period-to-period comparisons and benchmarking against other companies.

Amortization of Intangibles

The Company has incurred a charge for amortization of intangibles related to acquisitions made by the Company. The Company excludes these items when it evaluates its core operating performance. We believe that eliminating these expenses is useful to investors when comparing historical and prospective results and comparing such results to other companies because these expenses will vary if and when the Company makes additional acquisitions.

Provision/Benefit for Income Taxes

In 2009, the Company has assumed an effective tax rate of 35% for non-GAAP purposes because management believes that the 35% effective tax rate is reflective of a current normalized tax rate for Harmonic and its consolidated subsidiaries on a global basis. Management believes that this rate i) more appropriately reflects a provision for income taxes based on computed and expected amounts of non-GAAP pre-tax income, and ii) excludes the impact of certain discrete events which can cause quarterly tax provisions to be volatile. Certain discrete items are required by GAAP to be recorded in the current period but do not reflect future expected tax provisions or effective rates nor provide a meaningful comparison of current versus prior net income.

Harmonic Inc. GAAP to Non-GAAP Income (Loss) Reconciliation (Unaudited)

	Three Months Ended April 3, 2009		Three N	ree Months Ended March 28, 2008			
	Gross	Operating	Net Income	Gross	Operating		
(In thousands)	Margin	Expense	(Loss)	Margin	Expense	Net Income	
GAAP	\$ 25,385	\$ 36,175	\$ (18,843)	\$ 42,279	\$ 30,801	\$ 13,354	
Cost of sales related to severance costs	676		676				
Cost of sales related to Scopus product discontinuance	5,965		5,965				
Cost sales related to stock based compensation expense	337		337	228		228	
Research and development expense related to severance							
costs		(581)	581				
Research and development expense related to stock based							
compensation expense		(870)	870		(553)	553	
Selling, general and administrative expense related to		(4.000)	4.000				
severance costs		(1,298)	1,298				
Selling, general and administrative expense related to stock		(4.466)	1 166		(739)	739	
based compensation expense Selling, general and administrative expense related to excess		(1,166)	1,166		(739)	739	
facilities expense		(33)	33		(96)	96	
Acquisition transaction costs related to Scopus		(3,367)	3,367		(30)	30	
Amortization of intangibles	1.479	(389)	1,868	1.421	(160)	1,581	
Tax items and adjustments	1,110	(000)	6,735	1,121	(100)	1,001	
Non-GAAP	\$ 33,842	\$ 28,471	\$ 4,053	\$ 43,928	\$ 29,253	\$ 16,551	
1011 070 11	Ψ 00,012	Ψ 20,111	Ψ 1,000	Ψ 10,020	Ψ 20,200	Ψ 10,001	
GAAP income (loss) per share – basic			\$ (0.20)			\$ 0.14	
GAAP income (loss) per share –diluted			\$ (0.20)			\$ 0.14	
Non-GAAP income per share – basic			\$ 0.04			\$ 0.18	
Non-GAAP income per share –diluted			\$ 0.04			\$ 0.17	
Shares used in per-share calculation – basic			95,306			94,052	
Shares used in per-share calculation – diluted, GAAP			95,306			95,212	
Shares used in per-share calculation – diluted, non-GAAP			95,691			95,212	