AEROSONIC CORP /DE/ Form 8-K May 01, 2012		
SECURITIES AND EXCHANGE COMMISSION		
Washington, D.C. 20549		
FORM 8-K		
CURRENT REPORT		
Pursuant to Section 13 or 15(d) of the Securities Excha	nge Act of 1934	
Date of Report (Date of earliest event reported): April 3	30, 2012	
AEROSONIC CORPORATION		
(Exact name of registrant as specified in its charter)		
Delaware State or other jurisdiction of incorporation or organization	1-11750 (Commission File Number)	74-1668471 (I.R.S. Employer Identification No.)
1212 North Hercules Avenue		
Clearwater, Florida 33765		
(Address of principal executive offices and Zip Code)		
(727) 461-3000		
(Registrant's telephone number, including Area Code)		

Not	applicable
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(Former name, former address and former fiscal year, if changed since last report)

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:

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

Item 2.02. Results of Operations and Financial Condition

(a) On April 30, 2012, Aerosonic Corporation issued a press release announcing its financial results for the fourth quarter and for fiscal year 2012. A copy of the press release is attached hereto as exhibit 99.1.

Item 9.01. Financial Statements and Exhibits

(d) Exhibits

99.1 Press Release of Aerosonic Corporation, dated April 30, 2012, reporting Aerosonic Corporation's financial results for the fourth quarter and for fiscal year 2012.

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.

AEROSONIC CORPORATION

Dated: May 1, 2012 By:/s/ Kevin J. Purcell

Kevin J. Purcell Executive Vice President and Chief Financial Officer

EXHIBIT INDEX

Exhibit

Description

Number

Exhibit 99.1

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financial results for the fourth quarter and for fiscal year 2012.