AEROSONIC CORP /DE/ Form 8-K September 11, 2012		
SECURITIES AND EXCHANGE COMMISSION		
Washington, D.C. 20549		
FORM 8-K		
CURRENT REPORT		
Pursuant to Section 13 or 15(d) of the Securities Exchange	ge Act of 1934	
Date of Report (Date of earliest event reported): September 10, 2012		
AEROSONIC CORPORATION		
(Exact name of registrant as specified in its charter)		
Delaware 1-11750 State or other jurisdiction of incorporation or organization (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

On September 10, 2012, Aerosonic Corporation issued a press release announcing its financial results for the second quarter of fiscal year 2013. A copy of the press release is attached hereto as exhibit 99.1.

Item 9.01. Financial Statements and Exhibits

(d) Exhibits

Press Release of Aerosonic Corporation, dated September 10, 2012, reporting Aerosonic Corporation's financial results for the second quarter of fiscal year 2013.

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: September 11, 2012 By:/s/ Kevin J. Purcell
Kevin J. Purcell
Executive Vice President and Chief Financial Officer

EXHIBIT INDEX

Exhibit Number Description

Exhibit 99.1 Press Release of Aerosonic Corporation, dated September 10, 2012, reporting Aerosonic Corporation's financial results for the second quarter of fiscal year 2013.