

AEROSONIC CORP /DE/  
Form 8-K  
December 11, 2007  
UNITED STATES

**SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

**FORM 8-K**

**CURRENT REPORT**

Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): December 10, 2007

**AEROSONIC CORPORATION**

(Exact name of registrant as specified in its charter)

Delaware  
State or other jurisdiction of incorporation or  
organization  
1212 North Hercules Avenue

1-11750  
(Commission File Number)

74-1668471  
(I.R.S. Employer Identification No.)

Clearwater, Florida 33765

(Address of principal executive offices and Zip Code)

(727) 461-3000

(Registrant's telephone number, including Area Code)

Not applicable

(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))

o **Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))**

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**Item 2.02. Results of Operations and Financial Condition**

(a) On December 10, 2007, Aerosonic Corporation issued a press release announcing its financial results for the third quarter of fiscal year 2008.

**Item 9.01. Financial Statements and Exhibits**

(a) Not applicable

(b) Not applicable

(c) Not applicable

(d) Exhibits

99.1 Press Release of the Company, dated December 10, 2007, reporting Aerosonic Corporation's financial results for the third quarter of fiscal year 2008.

**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: December 11, 2007

By: /s/ P. Mark Perkins

P. Mark Perkins

Interim President and Chief Executive Officer

**EXHIBIT INDEX**

<u>Exhibit Number</u>	<u>Description</u>
Exhibit 99.1	<u>Press Release dated December 10, 2007, reporting Aerosonic Corporation's financial results for the third quarter of fiscal year 2008.</u>