

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>