

ANNUAL MEETING OF STOCKHOLDERS OF  
**AEROSONIC CORPORATION**

July 14, 2005

PROOF # 3

Please date, sign and mail  
your proxy card in the  
envelope provided as soon  
as possible.

↓ Please detach along perforated line and mail in the envelope provided. ↓

THE BOARD OF DIRECTORS RECOMMENDS A VOTE "FOR" THE ELECTION OF DIRECTORS AND "FOR" PROPOSAL 2.  
PLEASE SIGN, DATE AND RETURN PROMPTLY IN THE ENCLOSED ENVELOPE. PLEASE MARK YOUR VOTE IN BLUE OR BLACK INK AS SHOWN HERE

1. To elect one director to the board of directors of the Company, to hold office until his successor has been duly elected and qualified;

FOR THE NOMINEE

**NOMINEES:**

**Thomas E. Whytas** Class I Director  
(whose term will expire in 2008)

WITHHOLD AUTHORITY  
FOR THE NOMINEE

2. To amend the Company's Restated Certificate of Incorporation, as amended, to increase the number of shares of common stock authorized to be issued from Eight Million shares (8,000,000) to Forty Million shares (40,000,000) and to authorize the Company to issue up to Ten Million (10,000,000) shares of "blank check" preferred stock; and

FOR  AGAINST  ABSTAIN

3. To transact such other business as may properly come before the Meeting or any adjournment or postponement thereof.

**ALL STOCKHOLDERS ARE CORDIALLY INVITED TO ATTEND THE MEETING IN PERSON. WHETHER OR NOT YOU EXPECT TO ATTEND THE MEETING, PLEASE COMPLETE, DATE, SIGN AND RETURN THE ENCLOSED PROXY AS PROMPTLY AS POSSIBLE IN ORDER TO ENSURE YOUR REPRESENTATION AT THE MEETING. YOU MAY VOTE BY USING THE INTERNET AS INSTRUCTED ON THE PROXY CARD, OR BY COMPLETING, SIGNING AND DATING THE PROXY CARD AND RETURNING IT IN THE ENCLOSED ENVELOPE. PLEASE NOTE, HOWEVER, THAT IF YOUR SHARES ARE HELD OF RECORD BY A BROKER, BANK OR OTHER NOMINEE AND YOU WISH TO VOTE AT THE MEETING, YOU MUST OBTAIN FROM THE RECORD HOLDER A PROXY ISSUED IN YOUR NAME.**

To change the address on your account, please check the box at right and indicate your new address in the address space above. Please note that changes to the registered name(s) on the account may not be submitted via this method.

Signature of Stockholder

Date:

Signature of Stockholder

Date:

**Note:** Please sign exactly as your name or names appear on this Proxy. When shares are held jointly, each holder should sign. When signing as executor, administrator, attorney, trustee or guardian, please give full title as such. If the signer is a corporation, please sign full corporate name by duly authorized officer, giving full title as such. If signer is a partnership, please sign in partnership name by authorized person.

AEROSONIC CORPORATION

1212 North Hercules Avenue  
Clearwater, Florida 33765

**THIS PROXY IS SOLICITED ON BEHALF OF THE BOARD OF DIRECTORS**

The undersigned hereby appoints David A. Baldini and Gary E. Colbert as proxies, each with full power of substitution, to represent and vote as designated on the reverse side, all the shares of Common Stock of Aerosonic Corporation held of record by the undersigned on June 8, 2005, at the Annual Meeting of Stockholders to be held at the Company's headquarters located at Tampa Marriot Waterside, 700 Florida Avenue, Tampa, Florida 33607, on July 14, 2005, at 10:00 A.M., local time, or any adjournment or postponement thereof.

**This Proxy, when properly executed, will be voted in the manner directed herein by the undersigned shareholder(s). If no direction is provided, the named proxies are authorized and directed to vote on the proposals as described in the Proxy Statement accompanying this Proxy. If any nominee shall cease to be a candidate for election for any reason, the Proxy will be voted for a substitute nominee designated by the Board of Directors and for the remaining nominees.**

(Continued and to be signed on the reverse side)

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**PROXY VOTING INSTRUCTIONS**

**MAIL** - Date, sign and mail your proxy card in the envelope provided as soon as possible.

- OR -

**INTERNET** - Access "[www.voteproxy.com](http://www.voteproxy.com)" and follow the on-screen instructions. Have your proxy card available when you access the web page.

<b>COMPANY NUMBER</b>	
<b>ACCOUNT NUMBER</b>	

You may enter your voting instructions at [www.voteproxy.com](http://www.voteproxy.com) up until 11:59 PM Eastern Time the day before the cut-off or meeting date.

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