ADLERSBERG SHABTAI Form SC 13G/A February 11, 2009

| UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549 | |
|---|--|
| SCHEDULE 13G | |
| Under the Securities Exchange Act of 1934 (Amendment No. 7)* | |
| AudioCodes Ltd. | |
| (Name of Issuer) | |
| Ordinary Shares, NIS 0.01 par value | |
| (Title of Class of Securities) | |
| M15342-10-4 | |
| (CUSIP Number) | |
| December 31, 2008 | |
| (Date of Event Which Requires Filing of this Statement) | |

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- o Rule 13d-1(b)
- o Rule 13d-1(c)
- x Rule 13d-1(d)

^{*} The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

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| CUSIF | P No. M15342 10-4 | SCHEDULE 13G | Page 2 of 6 Pages | | | |
|--|---|-------------------------------|------------------------------------|--|--|--|
| | NAMES OF REPORTIN | NG PERSONS | | | | |
| 1 | Shabtai Adlersberg | | | | | |
| | CHECK THE APPROP | RIATE BOX IF A MEMBER OF A GR | OUP (See Instructions) (a) o (b) o | | | |
| 2 | | | (6) 0 | | | |
| | SEC USE ONLY | | | | | |
| 3 | | | | | | |
| | CITIZENSHIP OR PLACE OF ORGANIZATION | | | | | |
| 4 | Israel | | | | | |
| | 5 | SOLE VOTING POWER | 5,794,880+ | | | |
| NUMBER OF SHARES 6 BENEFICIALLY OWNED BY | | SHARED VOTING POWER | 0 | | | |
| REP PE | EACH ORTING 7 ERSON VITH: | SOLE DISPOSITIVE POWER | 5,794,880+ | | | |
| | 8 | SHARED DISPOSITIVE POWER | 0 | | | |
| | AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON | | | | | |
| 9 | 5,794,880+ | | | | | |
| 10 | CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (See o Instructions) | | | | | |
| | PERCENT OF CLASS | REPRESENTED BY AMOUNT IN RO | W (9) | | | |
| 11 | 14.3%* | | | | | |
| 12 | TYPE OF REPORTING | PERSON (See Instructions) | | | | |

IN

⁺ Includes options to purchase 229,718 ordinary shares, exercisable within 60 days of December 31, 2008.

^{*} This percentage calculation is based on 40,182,444 outstanding shares as of December 31, 2008, which does not include 7,392,356 treasury shares outstanding as of December 31, 2008.

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|-----------------------|--|---|-------------------|--|
| Item 1. (a) | Name of Issuer: AudioCodes Ltd. (the "C | ompany") | | |
| (b) | Address of Issuer's Principal Executive Offices: 1 Hayarden Street Airport City, Lod 70151, Israel | | | |
| Item 2. | | | | |
| (a) | Name of Person Filing: Shabtai Adlersberg | | | |
| (b) | Address of Principal Bus 1 Hayarden Street Airport City, Lod 70151, | iness Office or, if None, Residence: Israel | | |
| (c) | Citizenship: Israel | | | |
| (d) | Title of Class of Securitie | es: | | |

Ordinary Shares, NIS 0.01 par value.

CUSIP Number: M15342-10-4

(e)

CUSIP No. M15342 10-4

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| Item 3. | If This Statement Is Filed Pursuant to Rule 13d-1(b) or Rule 13d-2(b) or (c), check whether the person filing is a: | | |
|---------|---|--|--|
| | (a). | Broker or dealer registered under section 15 of the Act (15 U.S.C. 78o) | |
| | (b) | Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c) | |
| | (c) | Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c) | |
| | (d) | Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8) | |
| | (e) | An investment adviser in accordance with section 240.13d-1(b)(1)(ii)(E) | |
| | (f) | An employee benefit plan or endowment fund in accordance with section 240.13d-1(b)(1)(ii)(F) | |
| | (g) | A parent holding company or control person in accordance with section 240.13d-1(b)(1)(ii)(G) | |
| | (h) | A savings association as defined in section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813) | |
| | (i) | A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940 (15 U.S.C. 80a-3) | |
| | (j) Group, in accordance with section 240.13d-1(b)(1)(ii)(J) | | |
| Item 4. | Ownership. | | |
| (a) | Amount beneficially owned: 5,794,880 (See Footnote 1, Page 2) | | |
| (b) | Percent of class: 14.3% (See Footnote 2, Page 2) | | |
| (c) | Number of shares as to which the j | person has: | |
| | (i) | Sole power to vote or to direct the vote 5,794,880 (See Footnote 1, Page 2) | |
| | (ii) | Shared power to vote or to direct the vote 0 | |

| CUSIP N | lo. M15 | 342 10-4 | SCHEDULE 13G | Page 5 of 6 Pages | |
|-------------|----------|--|---|---|---|
| | (iii) | Sole power to dispose 5,794,880 (See Foots | se or to direct the disposition note 1, Page 2) | of | |
| | (iv) | Shared power to disp | pose or to direct the disposition | on of | |
| Item 5. | Own | ership of Five Percent | t or Less of a Class. | | |
| | | - | ort the fact that as of the dat ecent of the class of securities | e hereof the reporting person has ceased to be the , check the following: | e |
| Instruction | on: Diss | olution of a group req | uires a response to this item. | | |
| | | | Not Applicable. | | |
| Item 6. | Owners | ship of More than Five | e Percent on Behalf of Anoth | er Person. | |
| | | | Not Applicable. | | |
| Item 7. | | cation and Classificat Holding Company or | _ | Acquired the Security Being Reported on by the | |
| | | | Not Applicable. | | |
| Item 8. | Identifi | cation and Classificat | ion of Members of the Group |). | |
| | | | Not Applicable. | | |
| Item 9. | Notice | of Dissolution of Gro | up. | | |
| | | | Not Applicable. | | |
| Item 10. | Certific | cation. | | | |

Not Applicable.

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

February 11, 2009

/ s / S H A B T A I ADLERSBERG Shabtai Adlersberg

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