

SECURITIES AND EXCHANGE COMMISSION

FORM SC 13D

Schedule filed to report acquisition of beneficial ownership of 5% or more of a class of equity securities

Filing Date: **2007-12-10**
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FILED BY

MIDWOOD CAPITAL MANAGEMENT LLC

CIK: **1273663** | IRS No.: **000000000**
Type: **SC 13D**

Business Address
45 FAIRFIELD STREET
5TH FLOOR
BOSTON MA 02116
6172262609

SUBJECT COMPANY

RADYNE CORP

CIK: **718573** | IRS No.: **112569467** | State of Incorpor.: **DE** | Fiscal Year End: **1231**
Type: **SC 13D** | Act: **34** | File No.: **005-38580** | Film No.: **071296302**
SIC: **3663** Radio & tv broadcasting & communications equipment

Mailing Address
3138 EAST ELWOOD STREET
PHOENIX AZ 85034
Business Address
3138 E ELWOOD ST
PHOENIX AZ 85034
6024379620

OMB APPROVAL

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**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

SCHEDULE 13D

**Under the Securities Exchange Act of 1934
(Amendment No.)***

Radyne Corporation

(Name of Issuer)

Common Stock, par value \$.001 per share
(Title of Class of Securities)

750611402
(CUSIP Number)

Midwood Capital Management LLC
Attn: David E. Cohen
575 Boylston St.
4th Floor
Boston, MA 02116
617-224-1751

With a copy to:

Peter M. Rosenblum, Esq.
Foley Hoag LLP
155 Seaport Blvd.
Boston, MA 02210
617-832-1151

(Name, Address and Telephone Number of Person Authorized to
Receive Notices and Communications)

December 3, 2007
(Date of Event Which Requires Filing of this Statement)

If the filing person has previously filed a statement on Schedule 13G to report the acquisition that is the subject of this Schedule 13D, and is filing this schedule because of §§240.13d-1(e), 240.13d-1(f) or 240.13d-1(g), check the following box.

Note: Schedules filed in paper format shall include a signed original and five copies of the schedule, including all exhibits. See §240.13d-7 for other parties to whom copies are sent.

* 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 disclosures provided in a prior cover page

The information required on 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).

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

1.	NAMES OF REPORTING PERSONS. I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY).	
	DAVID E. COHEN	
2.	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS)	
	(a) <input type="checkbox"/>	
	(b) <input type="checkbox"/>	
3.	SEC USE ONLY	
4.	SOURCE OF FUNDS (SEE INSTRUCTIONS)	
	OO	
5.	CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e)	
	<input type="checkbox"/>	
6.	CITIZENSHIP OR PLACE OF ORGANIZATION	
	USA	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7.	SOLE VOTING POWER
	8.	SHARED VOTING POWER 1,107,825
	9.	SOLE DISPOSITIVE POWER
	10.	SHARED DISPOSITIVE POWER 1,107,825
11.	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
	1,107,825	
12.	CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS)	
	<input type="checkbox"/>	
13.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)	
	5.9%	
14.	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)	
	IN	

1.	NAMES OF REPORTING PERSONS. I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY). ROSS D. DEMONT	
2.	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS) (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
3.	SEC USE ONLY	
4.	SOURCE OF FUNDS (SEE INSTRUCTIONS) OO	
5.	CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e) <input type="checkbox"/>	
6.	CITIZENSHIP OR PLACE OF ORGANIZATION USA	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7.	SOLE VOTING POWER
	8.	SHARED VOTING POWER 1,107,825
	9.	SOLE DISPOSITIVE POWER
	10.	SHARED DISPOSITIVE POWER 1,107,825
11.	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,107,825	
12.	CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) <input type="checkbox"/>	
13.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 5.9%	
14.	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) IN	

1.	NAMES OF REPORTING PERSONS. I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY).	
	MIDWOOD CAPITAL MANAGEMENT LLC I.R.S. IDENTIFICATION NO. 14-1885029	
2.	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS)	
	(a) <input type="checkbox"/> (b) <input type="checkbox"/>	
3.	SEC USE ONLY	
4.	SOURCE OF FUNDS (SEE INSTRUCTIONS)	
	OO	
5.	CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e)	
	<input type="checkbox"/>	
6.	CITIZENSHIP OR PLACE OF ORGANIZATION	
	DELAWARE	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7.	SOLE VOTING POWER 1,107,825
	8.	SHARED VOTING POWER
	9.	SOLE DISPOSITIVE POWER 1,107,825
	10.	SHARED DISPOSITIVE POWER
11.	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
	1,107,825	
12.	CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS)	
	<input type="checkbox"/>	
13.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)	
	5.9%	
14.	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)	

1.	NAMES OF REPORTING PERSONS. I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY).	
	MIDWOOD CAPITAL PARTNERS, L.P. I.R.S. IDENTIFICATION NO. 27-0060548	
2.	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS)	
	(a) <input type="checkbox"/> (b) <input type="checkbox"/>	
3.	SEC USE ONLY	
4.	SOURCE OF FUNDS (SEE INSTRUCTIONS)	
	OO	
5.	CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e)	
	<input type="checkbox"/>	
6.	CITIZENSHIP OR PLACE OF ORGANIZATION	
	DELAWARE	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7.	SOLE VOTING POWER 459,254
	8.	SHARED VOTING POWER
	9.	SOLE DISPOSITIVE POWER 459,254
	10.	SHARED DISPOSITIVE POWER
11.	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 459,254	
12.	CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS)	
	<input type="checkbox"/>	
13.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 2.5%	
14.	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)	

1.	NAMES OF REPORTING PERSONS. I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY).	
	MIDWOOD CAPITAL PARTNERS QP, L.P. I.R.S. IDENTIFICATION NO. 42-1657728	
2.	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS)	
	(a) <input type="checkbox"/> (b) <input type="checkbox"/>	
3.	SEC USE ONLY	
4.	SOURCE OF FUNDS (SEE INSTRUCTIONS)	
	OO	
5.	CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e)	
	<input type="checkbox"/>	
6.	CITIZENSHIP OR PLACE OF ORGANIZATION	
	DELAWARE	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7.	SOLE VOTING POWER 648,571
	8.	SHARED VOTING POWER
	9.	SOLE DISPOSITIVE POWER 648,571
	10.	SHARED DISPOSITIVE POWER
11.	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
	648,571	
12.	CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS)	
	<input type="checkbox"/>	
13.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)	
	3.5%	
14.	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)	

Item 1. Security and Issuer

This joint statement on Schedule 13D relates to the common stock, par value \$.001 per share (the "Common Stock") of Radyne Corporation, a Delaware corporation (the "Issuer"). The address of the Issuer's principal executive offices is 3138 East Elmwood Street, Phoenix, Arizona 85034.

Item 2. Identity and Background

This joint statement on Schedule 13D is being filed by David E. Cohen, Ross D. DeMont, Midwood Capital Management LLC, Midwood Capital Partners, L.P. and Midwood Capital Partners QP, L.P., who are collectively referred to as the "Reporting Persons." Messrs. Cohen and DeMont (the "Managers") are the managers of Midwood Capital Management LLC ("Capital"), which is the sole general partner of each of Midwood Capital Partners, L.P. ("LP") and Midwood Capital Partners QP, L.P. ("QP" and together with LP, the "Funds"). By virtue of their positions, each of the Managers has the power to vote and dispose of the shares of Common Stock held by each of the Funds. Information with respect to each of the Reporting Persons is as follows:

- (1) (a) David E. Cohen
 - (b) 575 Boylston St., 4th Floor, Boston, MA 02116
 - (c) Mr. Cohen is a manager of Capital
 - (d) No
 - (e) No
 - (f) United States
 - (2) (a) Ross D. DeMont
 - (b) 575 Boylston St., 4th Floor, Boston, MA 02116
 - (c) Mr. DeMont is a manager of Capital
 - (d) No
 - (e) No
 - (f) United States
 - (3) (a) Midwood Capital Management LLC, a Delaware limited liability company
 - (b) 575 Boylston St., 4th Floor, Boston, MA 02116
 - (c) Capital is the sole general partner of, and manages and provides investment advice to, each of the Funds
-

- (d) No
 - (e) No
- (4) (a) Midwood Capital Partners, L.P., a Delaware limited partnership
- (b) c/o Midwood Capital Management LLC, 575 Boylston St., 4th Floor, Boston, MA 02116
 - (c) LP is a private investment fund engaged in the business of investing in securities.
 - (d) No
 - (e) No
- (5) (a) Midwood Capital Partners QP, L.P., a Delaware limited partnership
- (b) c/o Midwood Capital Management LLC, 575 Boylston St., 4th Floor, Boston, MA 02116
 - (c) QP is a private investment fund engaged in the business of investing in securities.
 - (d) No
 - (e) No

Item 3. Source and Amount of Funds or Other Consideration

The Reporting Persons acquired beneficial ownership of an aggregate of 1,107,825 shares of Common Stock for \$10,557,307.09 using cash from the Funds. The shares of such Common Stock held by LP and QP are held in margin accounts which from time to time may incur debit balances. Since other securities are held in such margin accounts, it is impracticable to determine the amounts, if any, borrowed with respect to such shares of Common Stock. The cost of borrowing with respect to such margin accounts fluctuates with the broker loan rate and the amount of the debit balance.

Item 4. Purpose of Transaction

The Reporting Persons acquired shares of the Common Stock of the Issuer based on their belief that the Issuer's stock is undervalued and represents an attractive investment opportunity. The Reporting Persons may wish to engage in a constructive dialogue with management of the Issuer ("Management"), as well as with other stockholders of the Issuer and the Issuer's Board of Directors (the "Board of Directors"), regarding the Issuer's business operations and new strategies to create and maximize value for the Issuer's stockholders. The Reporting Persons intend to review continuously their equity interest in the Issuer. Depending upon their evaluation of the factors described below, one or more of the Reporting Persons may from time to time purchase additional securities of the Issuer, dispose of all or a portion of the securities then held by such Reporting Person, or cease buying or selling such securities. Any such additional

purchases or sales of securities of the Issuer may be in the open market or privately negotiated transactions or otherwise. The factors which the Reporting Persons may consider in evaluating their equity interest in the Issuer's business include the following: (i) the Issuer's business and prospects; (ii) the business strategy and actions of Management and the Board of Directors to enhance the Issuer's value to its stockholders; (iii) the performance of the Common Stock and the availability of the Common Stock for purchase at particular price levels; (iv) the availability and nature of opportunities to dispose of the Reporting Persons' interests; (v) general economic conditions; (vi) stock market and money market conditions; (vii) other business and investment opportunities available to the Reporting Persons; and (viii) other plans and requirements of the Reporting Persons.

Depending on their assessment of the foregoing factors, the Reporting Persons may, from time to time, modify their present intention as stated in this item 4.

Except as set forth above, the Reporting Persons do not have at this time any specific plans which would result in (a) the acquisition of additional securities of the Issuer or the disposition of securities of the Issuer; (b) any extraordinary corporate transactions such as a merger, reorganization or liquidation involving the Issuer or any of its subsidiaries; (c) any sale or transfer of a material amount of the assets of the Issuer or of any of its subsidiaries; (d) any change in the present Management or Board of Directors, including any plans or proposals to change the number of term of directors or to fill any existing vacancies on the Board of Directors; (e) any material change in the present capitalization or dividend policy of the Issuer; (f) any other material change in the Issuer's business or corporate structure; (g) any change in the Issuer's charter or by-laws which may impede the acquisition of control of the Issuer by any person; (h) the Issuer's Common Stock being delisted from a national securities exchange or ceasing to be authorized to be quoted in an inter-dealer quotation system or a registered national securities association; (i) causing a class of equity securities of the Issuer to become eligible for termination of registration pursuant to Section 12(g)(4) of the Securities Exchange Act of 1934, as amended; or (j) any action similar to those enumerated above.

Item 5. Interest in Securities of the Issuer

(a) In the aggregate, the Reporting Persons beneficially own 1,107,825 shares of the Common Stock of the Issuer, representing approximately 5.9% of such class of securities. The beneficial ownership of each Reporting Person is as follows: (i) LP beneficially owns 459,254 shares of the Common Stock, representing approximately 2.5% of the class, (ii) QP beneficially owns 648,571 shares of the Common Stock, representing approximately 3.5% of the class, and (iii) Capital, as the sole general partner of each Fund, and Messrs. Cohen and DeMont, as the managers of Capital, each beneficially own 1,107,825 shares of the Common Stock of the Issuer representing approximately 5.9% of the class. The percentage of the Common Stock beneficially owned by each Reporting Person is based on a total of 18,711,437 shares of the Common Stock of the Issuer outstanding as of November 1, 2007, as reported in the most recent quarterly report of the Issuer on Form 10-Q for the fiscal quarter ended September 30, 2007.

(b) By virtue of their positions as managers of Capital, each of the Managers has the shared authority to vote and dispose of the shares of Common Stock reported in this joint statement Schedule 13D on behalf of the Funds.

(c) The following transactions in the Common Stock were conducted by Reporting Persons from October 4, 2007 (60 days prior to the event which requires the filing of this statement) to the date hereof:

Midwood Capital Partners, L.P.	10/23/ 2007	900	\$ 10.39	
	10/24/ 2007	63	\$ 10.02	
	11/02/ 2007	2,200	\$ 9.82	
	11/23/ 2007	1,300	\$ 8.95	
	11/30/ 2007	714	\$ 9.10	
	12/03/ 2007	24,852	\$ 9.23	
	12/04/ 2007	50,713	\$ 9.25	
	Midwood Capital Partners QP, L.P.	10/24/ 2007	137	\$ 10.02
		11/30/ 2007	786	\$ 9.10
12/03/ 2007		35,148	\$ 9.23	
12/04/ 2007		71,612	\$ 9.25	

Each of the above listed transactions was conducted in the ordinary course of business on the open market for cash. Purchase and sale prices do not reflect brokerage commissions paid.

(d) N/A

(e) N/A

Item 6. Contracts, Arrangements, Understandings or Relationships with Respect to Securities of the Issuer

Except as described above or otherwise in this Schedule 13D, including the Exhibits attached hereto, there are no contracts, arrangements, understandings, or relationships (legal or otherwise) among the Reporting Persons, or between any Reporting Person(s) and any third party, with respect to any securities of the Issuer, including, but not limited to, transfer or voting any of the securities, finder's fees, joint ventures, loan or option arrangements, put or calls, guarantees of profits, division of profits or losses, or the giving or withholding of proxies.

Item 7. Material to be Filed as Exhibits

Exhibit 1 Joint Filing Agreement by and among David E. Cohen, Ross D. DeMont, Midwood Capital Management, LLC, Midwood Capital Partners, L.P. and Midwood Capital Partners QP, L.P. dated December 10, 2007.

Exhibit 2 Confirming Statement of David E. Cohen dated as of December 10, 2007.

Exhibit 3 Confirming Statement of Ross D. DeMont dated as of December 10, 2007.

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.

DATE: December 10, 2007

MIDWOOD CAPITAL PARTNERS, L.P.

By: Midwood Capital Management, LLC
General Partner

By: /s/ David E. Cohen

David E. Cohen
Manager

MIDWOOD CAPITAL PARTNERS QP, L.P.

By: Midwood Capital Management, LLC
General Partner

By: /s/ David E. Cohen

David E. Cohen
Manager

MIDWOOD CAPITAL MANAGEMENT, LLC

By: /s/ David E. Cohen

David E. Cohen
Manager

DAVID E. COHEN

By: /s/ David E. Cohen
David E. Cohen

ROSS D. DEMONT

By: /s/ Ross D. DeMont
Ross D. DeMont

Exhibit 1
JOINT FILING AGREEMENT

Pursuant to Rule 13d-1(k)(1) under the Securities Exchange Act of 1934, as amended, the undersigned hereby agree, as of December 10, 2007, that only one statement containing the information required by Schedule 13D, and each amendment thereto, need be filed with respect to the ownership by each of the undersigned of shares of common stock of Radyne Corporation, and such statement to which this Joint Filing Agreement is attached as Exhibit 1 is filed on behalf of each of the undersigned.

MIDWOOD CAPITAL PARTNERS, L.P.

By: Midwood Capital Management, LLC
General Partner

By: /s/ David E. Cohen
David E. Cohen
Manager

MIDWOOD CAPITAL PARTNERS QP, L.P.

By: Midwood Capital Management, LLC
General Partner

By: /s/ David E. Cohen
David E. Cohen
Manager

MIDWOOD CAPITAL MANAGEMENT, LLC

By: /s/ David E. Cohen
David E. Cohen
Manager

DAVID E. COHEN

By: /s/ David E. Cohen
David E. Cohen

ROSS D. DEMONT

By: /s/ Ross D. DeMont
Ross D. DeMont

Exhibit 2

CONFIRMING STATEMENT

This Statement confirms that the undersigned has authorized and designated Ross D. DeMont and Christopher J. Mickelson, each acting singly, to execute and file on the undersigned' s behalf all Forms 3, 4 and 5 and Schedule 13D (including any amendments thereto) that the undersigned may be required to file with the U.S. Securities and Exchange Commission as a result of the undersigned' s ownership of or transactions in securities of Radyne Corporation. The authority of Ross D. DeMont and Christopher J. Mickelson under this Statement shall continue until the undersigned is no longer required to file any of forms 3, 4 and 5 and Schedule 13D with regard to the undersigned' s ownership of or transactions in securities of Radyne Corporation unless earlier revoked in writing. The undersigned acknowledges that Ross D. DeMont and Christopher J. Mickelson are not assuming any of the undersigned' s responsibilities to comply with Section 16 or Section 13 of the Securities Exchange Act of 1934.

This Statement revokes the authority of any person named in any prior confirming statement relating to the undersigned' s filing obligations with respect to securities of Radyne Corporation who is not named herein, and this Statement replaces and supersedes any such prior confirming statement.

Dated: 12/10/2007

/s/ David E. Cohen

David E. Cohen

Exhibit 3

CONFIRMING STATEMENT

This Statement confirms that the undersigned has authorized and designated David E. Cohen and Christopher J. Mickelson, each acting singly, to execute and file on the undersigned' s behalf all Forms 3, 4 and 5 and Schedule 13D (including any amendments thereto) that the undersigned may be required to file with the U.S. Securities and Exchange Commission as a result of the undersigned' s ownership of or transactions in securities of Radyne Corporation. The authority of David E. Cohen and Christopher J. Mickelson under this Statement shall continue until the undersigned is no longer required to file any of forms 3, 4 and 5 and Schedule 13D with regard to the undersigned' s ownership of or transactions in securities of Radyne Corporation unless earlier revoked in writing. The undersigned acknowledges that David E. Cohen and Christopher J. Mickelson are not assuming any of the undersigned' s responsibilities to comply with Section 16 or Section 13 of the Securities Exchange Act of 1934.

This Statement revokes the authority of any person named in any prior confirming statement relating to the undersigned' s filing obligations with respect to securities of Radyne Corporation who is not named herein, and this Statement replaces and supersedes any such prior confirming statement.

Dated: 12/10/2007

/s/ Ross D. DeMont

Ross D. DeMont