HARMONIC INC Form SC 13G January 26, 2006

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SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

Schedule 13G

Under the Securities Exchange Act of 1934
()

HARMONIC INC
(Name of Issuer)

Common Stock
(Title of Class of Securities)

413160102
(CUSIP Number)

December 31, 2005
(Date of Event Which Requires Filing of this Statement)
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Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

[X] Rule 13d-1(b)

*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 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).

CUSIP No. 413160102

(1) Names of Reporting Persons.

I.R.S. Identification Nos. of above persons (entities only).

BARCLAYS GLOBAL INVESTORS, NA., 943112180

- (2) Check the appropriate box if a member of a $Group^*$
- (a) / /
- (b) /X/

(3) SEC Use Only

(4) Citizenship or Place of Organization U.S.A.

Number of Shares Beneficially Owned	(5) Sole Voting Power 1,723,677		
oy Each Reporting Person With	(6) Shared Voting Power		
	(7) Sole Dispositive Power 1,973,941		
	(8) Shared Dispositive Power		
(9) Aggregate Amount Beneficially Owned by 1,973,941	Y Each Reporting Person		
(10) Check Box if the Aggregate Amount in	Row (9) Excludes Certain Shares*		
(11) Percent of Class Represented by Amour 2.68%	nt in Row (9)		
(12) Type of Reporting Person* BK			
CUSIP No. 413160102			
			
(1) Names of Reporting Persons. I.R.S. Identification Nos. of above	re persons (entities only).		
(1) Names of Reporting Persons.	ve persons (entities only).		
(1) Names of Reporting Persons. I.R.S. Identification Nos. of above BARCLAYS GLOBAL FUND ADVISORS (2) Check the appropriate box if a member (a) / /			
(1) Names of Reporting Persons. I.R.S. Identification Nos. of above BARCLAYS GLOBAL FUND ADVISORS (2) Check the appropriate box if a member (a) / / (b) /X/			
(1) Names of Reporting Persons. I.R.S. Identification Nos. of above BARCLAYS GLOBAL FUND ADVISORS (2) Check the appropriate box if a member (a) / / (b) /X/ (3) SEC Use Only			
(1) Names of Reporting Persons. I.R.S. Identification Nos. of above BARCLAYS GLOBAL FUND ADVISORS (2) Check the appropriate box if a member (a) / / (b) /X/ (3) SEC Use Only (4) Citizenship or Place of Organization U.S.A. Number of Shares Beneficially Owned			
(1) Names of Reporting Persons. I.R.S. Identification Nos. of above BARCLAYS GLOBAL FUND ADVISORS (2) Check the appropriate box if a member (a) / / (b) /X/ (3) SEC Use Only (4) Citizenship or Place of Organization U.S.A. Number of Shares Beneficially Owned by Each Reporting	of a Group* (5) Sole Voting Power		
(1) Names of Reporting Persons. I.R.S. Identification Nos. of above BARCLAYS GLOBAL FUND ADVISORS (2) Check the appropriate box if a member (a) / / (b) /X/ (3) SEC Use Only (4) Citizenship or Place of Organization U.S.A. Number of Shares Beneficially Owned by Each Reporting	of a Group* (5) Sole Voting Power 1,746,612		
(1) Names of Reporting Persons. I.R.S. Identification Nos. of above BARCLAYS GLOBAL FUND ADVISORS (2) Check the appropriate box if a member (a) / / (b) /X/ (3) SEC Use Only (4) Citizenship or Place of Organization	of a Group* (5) Sole Voting Power 1,746,612 (6) Shared Voting Power (7) Sole Dispositive Power		

(11) Percent of Class Represented by Amount 2.37%	in Row (9)
(12) Type of Reporting Person* IA	
CUSIP No. 413160102	
(1) Names of Reporting Persons. I.R.S. Identification Nos. of above	persons (entities only).
BARCLAYS GLOBAL INVESTORS, LTD	
<pre>(2) Check the appropriate box if a member of (a) / / (b) /X/</pre>	f a Group*
(3) SEC Use Only	
(4) Citizenship or Place of Organization England	
Number of Shares Beneficially Owned by Each Reporting	(5) Sole Voting Power
Person With	(6) Shared Voting Power -
	(7) Sole Dispositive Power
	(8) Shared Dispositive Power
(9) Aggregate	
(10) Check Box if the Aggregate Amount in Ro	ow (9) Excludes Certain Shares*
(11) Percent of Class Represented by Amount 0.00%	in Row (9)
(12) Type of Reporting Person*	
CUSIP No. 413160102	
(1) Names of Reporting Persons. I.R.S. Identification Nos. of above	persons (entities only).

BARCL	AYS GLOBAL INVESTORS JAPAN T	RUST AND B	ANKING COMPANY LIMITED
(2) Check the (a) // (b) /X/	appropriate box if a member	of a Grou	p*
(3) SEC Use O	nly		
(4) Citizensh Japan	ip or Place of Organization		
Number of Shares Beneficially Owned		(5)	Sole Voting Power
oy Each Repor Person With	Each Reporting		Shared Voting Power
		(7)	Sole Dispositive Power
		(8)	Shared Dispositive Power
 (9) Aggregate			
0.00% (12) Type of BK	Reporting Person* NAME OF ISSUER		
	HARMONIC INC		
ITEM 1(B).	ADDRESS OF ISSUER'S PRINC 549 BALTIC WAY SUNNYVALE CA 94089	IPAL EXECU	TIVE OFFICES
TEM 2(A).	NAME OF PERSON(S) FILING BARCLAYS GLOBAL I	NVESTORS,	na
ITEM 2(B).	ADDRESS OF PRINCIPAL BUSINESS OFFICE OR, IF NONE, RESIDENCE 45 Fremont Street San Francisco, CA 94105		
ITEM 2(C).	CITIZENSHIP U.S.A		
ITEM 2(D).	TITLE OF CLASS OF SECURIT Common Stock		
 [TEM 2(E).	CUSIP NUMBER 413160102		
 ITEM 3.	IF THIS STATEMENT IS FILE	D PURSUANT	TO RULES 13D-1(B), OR

13D-2(B), CHECK WHETHER THE PERSON FILING IS A

- (a) // Broker or Dealer registered under Section 15 of the Act (15 U.S.C. 780).
- (b) /X/ 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) // Investment Adviser in accordance with section 240.13d(b)(1)(ii)(E).
- (f) // Employee Benefit Plan or endowment fund in accordance with section 240.13d-1(b)(1)(ii)(F).
- (g) // 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 (15U.S.C. 80a-3).
- (j) // Group, in accordance with section 240.13d-1(b)(1)(ii)(J)
- ITEM 1(A). NAME OF ISSUER HARMONIC INC

ITEM 1(B). ADDRESS OF ISSUER'S PRINCIPAL EXECUTIVE OFFICES 549 BALTIC WAY SUNNYVALE CA 94089

ITEM 2(A). NAME OF PERSON(S) FILING

BARCLAYS GLOBAL FUND ADVISORS

ITEM 2(B). ADDRESS OF PRINCIPAL BUSINESS OFFICE OR, IF NONE, RESIDENCE 45 Fremont Street

San Francisco, CA 94105

ITEM 2(C). CITIZENSHIP U.S.A

ITEM 2(D). TITLE OF CLASS OF SECURITIES Common Stock

ITEM 2(E). CUSIP NUMBER 413160102

- ITEM 3. IF THIS STATEMENT IS FILED PURSUANT TO RULES 13D-1(B), OR 13D-2(B), CHECK WHETHER THE PERSON FILING IS A
- (a) // Broker or Dealer registered under Section 15 of the Act (15 U.S.C. 780).
- (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) /X/ Investment Adviser in accordance with section 240.13d(b)(1)(ii)(E).
- (f) // Employee Benefit Plan or endowment fund in accordance with section 240.13d-1 (b) (1) (ii) (F).
- (g) // 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

(15U.S	y under section 3(c)(14) of the Investment Company Act of 1940 c.C. 80a-3). in accordance with section 240.13d-1(b)(1)(ii)(J)
ITEM 1(A).	NAME OF ISSUER HARMONIC INC
ITEM 1(B).	ADDRESS OF ISSUER'S PRINCIPAL EXECUTIVE OFFICES 549 BALTIC WAY SUNNYVALE CA 94089
ITEM 2(A).	NAME OF PERSON(S) FILING BARCLAYS GLOBAL INVESTORS, LTD
ITEM 2(B).	ADDRESS OF PRINCIPAL BUSINESS OFFICE OR, IF NONE, RESIDENCE Murray House 1 Royal Mint Court LONDON, EC3N 4HH
ITEM 2(C).	CITIZENSHIP England
ITEM 2(D).	TITLE OF CLASS OF SECURITIES Common Stock
ITEM 2(E).	CUSIP NUMBER 413160102
(a) // Broker (15 U. (b) /X/ Bank a (c) // Insura (15 U. (d) // Invest Compan (e) // Employ 240.13 (g) // Parent 240.13 (h) // A savi Insura (i) // A chur compan (15U.S (j) // Group, ITEM 1(A).	or Dealer registered under Section 15 of the Act S.C. 780). Is defined in section 3(a) (6) of the Act (15 U.S.C. 78c). Ince Company as defined in section 3(a) (19) of the Act S.C. 78c). Ince Company registered under section 8 of the Investment by Act of 1940 (15 U.S.C. 80a-8). In ment Adviser in accordance with section 240.13d(b) (1) (ii) (E). In the Benefit Plan or endowment fund in accordance with section (d-1(b) (1) (ii) (F). In Holding Company or control person in accordance with section (d-1(b) (1) (ii) (G). In the section as defined in section 3(b) of the Federal Deposit (ince Act (12 U.S.C. 1813)). In the plan that is excluded from the definition of an investment by under section 3(c) (14) of the Investment Company Act of 1940 (i.C. 80a-3). In accordance with section 240.13d-1(b) (1) (ii) (J) NAME OF ISSUER HARMONIC INC ADDRESS OF ISSUER'S PRINCIPAL EXECUTIVE OFFICES
	549 BALTIC WAY SUNNYVALE CA 94089
BARCLA	NAME OF PERSON(S) FILING YS GLOBAL INVESTORS JAPAN TRUST AND BANKING COMPANY LIMITED
ITEM 2(B).	ADDRESS OF PRINCIPAL BUSINESS OFFICE OR, IF NONE, RESIDENCE

Ebisu Prime Square Tower 8th Floor

1-1-39 Hiroo Shibuya-Ku Tokyo 150-0012 Japan

ITEM 2(C).	CITIZENSHIP Japan
ITEM 2(D).	TITLE OF CLASS OF SECURITIES Common Stock
ITEM 2(E).	CUSIP NUMBER 413160102
ITEM 3. 13D-2(B), CHE	IF THIS STATEMENT IS FILED PURSUANT TO RULES 13D-1(B), OR CK WHETHER THE PERSON FILING IS A
	r or Dealer registered under Section 15 of the Act .S.C. 780).
•	as defined in section 3(a) (6) of the Act (15 U.S.C. 78c).
(c) // Insur	ance Company as defined in section 3(a) (19) of the Act .S.C. 78c).
	tment Company registered under section 8 of the Investment ny Act of 1940 (15 U.S.C. 80a-8).
	tment Adviser in accordance with section 240.13d(b)(1)(ii)(E).
240.1	yee Benefit Plan or endowment fund in accordance with section $3d-1(b)(1)(ii)(F)$.
-	t Holding Company or control person in accordance with section 3d-1(b)(1)(ii)(G).
	ings association as defined in section $3(b)$ of the Federal Depositions ance Act (12 U.S.C. 1813).
compa	rch plan that is excluded from the definition of an investment ny under section 3(c)(14) of the Investment Company Act of 1940 S.C. 80a-3).
•	, in accordance with section 240.13d-1(b)(1)(ii)(J)
ITEM 4. OWNER	SHIP
	ollowing information regarding the aggregate number and the class of securities of the issuer identified in Item 1.
(a) Amount B	eneficially Owned: 3,720,553
(b) Percent	of Class: 5.05%
(c) Number o	f shares as to which such person has: sole power to vote or to direct the vote 3,470,289
(ii)	shared power to vote or to direct the vote
(iii)	sole power to dispose or to direct the disposition of 3,720,553
(iv)	shared power to dispose or to direct the disposition of
	SHIP OF FIVE PERCENT OR LESS OF A CLASS ment is being filed to report the fact that as of the date hereof

the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following. //

- ITEM 6. OWNERSHIP OF MORE THAN FIVE PERCENT ON BEHALF OF ANOTHER PERSON

 The shares reported are held by the company in trust accounts for the
 economic benefit of the beneficiaries of those accounts. See also

 Items 2(a) above.
- ITEM 7. IDENTIFICATION AND CLASSIFICATION OF THE SUBSIDIARY WHICH ACQUIRED THE SECURITY BEING REPORTED ON BY THE PARENT HOLDING COMPANY Not applicable
- ITEM 8. IDENTIFICATION AND CLASSIFICATION OF MEMBERS OF THE GROUP Not applicable
- ITEM 9. NOTICE OF DISSOLUTION OF GROUP Not applicable

ITEM 10. CERTIFICATION

(a) The following certification shall be included if the statement is filed pursuant to section 240.13d-1 (b):

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

(b) The following certification shall be included if the statement is filed pursuant to section 240.13d-1(c):

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

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.

 January 31	, 2006	
Date		
 Signature		
Mei Lau Financial	Reporting	Manager
 Name/Title		