UNITED STATES SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549

	WASHINGTON, D.C. 20049	
	SCHEDULE 13G	
	UNDER THE SECURITIES EXCHANGE ACT OF 1934	
	(AMENDMENT NO1) *	
	HARMONIC INC.	
	(Name of Issuer)	
	Common Stock	
	(Title of Class of Securities)	
	413160102	
	(CUSIP Number)	
person's initial of securities, a	of this cover page shall be filled out for a report of this form with respect to the subject and for any subsequent amendment containing informer the disclosures provided in a prior cover page.	class mation
deemed to be "fi Exchange Act of that section of	required in the remainder of this cover page shall iled" for the purpose of Section 18 of the Securit 1934 ("Act") or otherwise subject to the liabilit the Act but shall be subject to all other provise r, see the Notes).	ties ties of
2		
~	44.04.004.00	
Cusip No. 4	413160102	
	13G	
1. NAME OF REPOR	RTING PERSON .S. IDENTIFICATION NO. OF ABOVE PERSON	
	State of Wisconsin Investment Board 39-6006423	
2. CHECK THE APP	PROPRIATE BOX IF A MEMBER OF A GROUP *	
	Not Applicable	(a) (b)
3. SEC USE ONLY		
A OTERNION -	DIAGE OF ODGANISATION	
4. CITZENSHIP OF Madison, W	R PLACE OF ORGANIZATION Wisconsin	
NUMBERG OF	E COLE NOMING DOMED	
NUMBERS OF SHARES	5. SOLE VOTING POWER 3,987,000	
BENEFICIALLY	3,307,000	
OWNED BY	6. SHARED VOTING POWER	
EACH	Not Applicable	
REPORTING		
PERSON	7. SOLE DISPOSITIVE POWER	
WITH	3,987,000	

8. SHARED DISPOSITIVE POWER

Not Applicable

^{9.} AGGREGATE AMOUNT BENEFICALLY OWNED BY EACH REPORTING PERSON

- 10. CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES * Not Applicable
- 11. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9
- 12. TYPE OF REPORTING PERSON *
 EP (Public Pension Fund)

* SEE INSTRUCTIONS BEFORE FILLING OUT!

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- ITEM 1. ISSUER
 - (a) HARMONIC INC.
 - (b) 549 Baltic Way Sunnyvale, CA 94089 USA
- ITEM 2. PERSON FILING
 - (a) State of Wisconsin Investment Board
 - (b) P.O. Box 7842 Madison, WI 53707
 - (c) Wisconsin State Agency
 - (d) See cover page
 - (e) See cover page
- ITEM 3. THIS STATEMENT IS FILED PURSUANT TO 13d-1(b) or 13d-2(b) AND THE STATE OF WISCONSIN INVESTMENT BOARD IS A GOVERNMENT AGENCY WHICH MANAGES PUBLIC PENSION FUNDS SUBJECT TO PROVISIONS COMPARABLE TO ERISA.
- ITEM 4. OWNERSHIP
 - (a) See Row 9 on Page 2
 - (b) See Row 11 on Page 2
 - (c) The State of Wisconsin Investment Board retains sole voting and dispositive power for all shares.
- ITEM 5. IF THIS STATEMENT 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. NOT APPLICABLE
- ITEM 7. NOT APPLICABLE
- ITEM 8. NOT APPLICABLE
- ITEM 9. NOT APPLICABLE
- ITEM 10. CERTIFICATION

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

SIGNATURE

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

February 16, 2004

Date

/s/ Jean Ledford

Signature

Jean Ledford, Chief Investment Officer - Public Equities
Name/Title