

**CITY OF NEW YORK
DEPARTMENT OF BUILDINGS**

Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use in accordance with the Report of the Materials and Equipment Acceptance (MEA) Division.

Patricia J. Lancaster, A.I.A., Commissioner

**MEA 127-02-E
Report of Material and Equipment Acceptance Division**

Manufacturer – System Sensor, A Division of Honeywell International, 3825 Ohio Avenue, St. Charles, IL 60174.

Trade Name – System Sensor.

Product – Fire Notification Appliances.

Pertinent Code Section(s) – 27-968 through 27-977, Reference Standard RS 17-5, ANSI/NFPA No. 72.

Prescribed Tests – UL 1480, UL1971.

Laboratory – Underwriters Laboratories, Inc., Northbrook, IL.

Test Reports – UL File S4048, Vol. 1, Sec. 2, Project No. 98NK35739, issued November 11, 1998. UL File S5512, Vol. 5, Sec. 1, Project No. 02NK09324, issued March 15, 2002 and UL letter dated April 16, 2002.

Description – System Sensor’s selectable output speaker/strobes as follows:

Model Number	Description
SP2R1224MC	Selectable Output Speaker/Strobe, red housing, 25/70.7 Volts RMS Speaker Section, 12/24VDC/FWR: 15 & 15/75 Cd Strobes, 24VDC/FWR: 30, 75, 110Cd Strobes
SP2W1224MC	Selectable Output Speaker/Strobe, white housing, 25/70.7 Volts RMS Speaker Section, 12/24VDC/FWR: 15 & 15/75 Cd Strobes, 24VDC/FWR: 30, 75, 110Cd Strobes

Pursuant to “Promulgation of the Rules relating to Material and Equipment Application Procedures” dated November 5, 1992, the Bureau of Fire Prevention has no objections letter dated April 22, 2002, F.P. Index 0204036.

Recommendation - That the above speaker/strobes be accepted on conditions that all uses, configurations, arrangements and functions, applications and installations shall comply with all the provisions of the New York City Buildings Code, specifically Reference Standard RS 17, Reference Standard 17-3, and the UL Listing. The referenced product shall be used only with listed and approved fire control panels and accessories. The compatibility must be specified or determined by a UL test report or the Engineer of Record and on further condition that:

1. Visual alarm signals shall have the following minimum photometry features:
 - a) The lamp shall be a xenon strobe type.
 - b) The light source shall be clear or nominal white.
 - c) The maximum pulse duration shall be two-tenths of one second (0.2 second) with a maximum duty cycle of forty percent (40%).
 - d) The flash rate shall be a minimum of 1 Hz and no more than 2 Hz.

Note: While the intensity of some of the above referenced strobe lights meets the minimum requirements of the New York City Building Code, it shall not be misconstrued to mean that these visual appliance are in compliance with the rules of other agencies having jurisdiction such as ADA. Our recommendation for the approval of the above lights is based primarily on the prescribed provisions of the New York City Building Code and no other rules, regulations, or laws.

All shipments and deliveries of such equipment shall be provided with a metal tag, suitably placed, certifying that the equipment shipped or delivered is equivalent to those tested and accepted for use, as provided for in Section 27-131 of the Building Code.

Final Acceptance May 1, 2002
Examined by Mark Jachniewicz