

**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 Materials and Equipment Acceptance (MEA) Division.

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

**MEA 352-03-E
Report of Material and Equipment Acceptance Division**

Manufacturer – Secutron, 91 Technology Drive., Westminster, MA 01441-0001.

Trade Name – Secutron.

Product – Fire Alarm Equipment.

Pertinent Code Section(s) – Reference Standard RS-17.

Test – UL 864.

Laboratory – Underwriters Laboratories, Inc.

Test Reports – UL File S2415, Vol. 10, Sec. 1., assignment 02NK39392 dated November 11, 2002, revised June 27, 2003.

Description – Fire Alarm Equipment as follows:

Model No.	Description
MR-2100R	Single SLC Fire Alarm Control Panel, 120 VAC input, Red
MR-2100R2	Single SLC Fire Alarm Control Panel, 240 VAC input, Red
MR-2200R	Dual SLC Fire Alarm Control Panel, 120 VAC input, Red
MR-2200R2	Dual SLC Fire Alarm Control Panel, 240 VAC input, Red
MR12VAC	120V Expansion Transformer
MR24VAC	240V Expansion Transformer
MRLD8	Eight Zone LED Module
MRRL4	Relay Expander Module
MRDL	DACT
MRNC2	NAC Expander Module
MRCTYB	Reverse Polarity/Municipal Box Module
MR22NTW-R	Network Card
MR22NTW-R1	Network Card
MR22NTW-R2	Network Card
MR22NTW-R12	Network Card

Pursuant to “Promulgation of the Rules relating to Materials and Equipment Application Procedures” dated November 5, 1992. The Bureau of Fire Prevention has no objections letter dated February 18, 2004, F.P. Index #0310072A.

Recommendation- That the above units be accepted on condition that:

1. Fire Alarm Control Panels MR-2100R, MR-2100R2, MR-2200R, MR-2200R2 must provide for a fail-safe operation. This feature must assure that control of doors, locks, ventilation fans, and elevator recall will not be rendered inoperable in the event of a fire or power failure.

The design for the installation of above referenced control panel, where installed as a Fire Command Station, in occupancies such as high rise office buildings, hotels and department stores must employ Class "A" wiring method (Style 7), with at least one isolator provided for each floor. No more than 25 initiating devices shall be acceptable for each isolator.

Notification appliances must be wired Class A, (Style Z) with at least one isolator provided for each floor. No more than 25 notification appliance units shall be acceptable for each isolator.

Tee taps are unacceptable on Style 7 wiring. Running return wires in the same feeding conduit is unacceptable. The return conduit must be at least 7 feet apart from the supply conduit.

For other occupancies where installed as an IFA control panel, Style 4 wiring method would be acceptable with a condition that the design shall provide for the installation of one isolator for each floor and at each Tee Tap. No more than 25 initiating devices shall be acceptable for each isolator.

When used with a central office communicator or a transmitter, the installation and operation of the equipment and devices shall comply with 3RCNY §17-01. It shall have the capability of transmitting separate and distinct signals to indicate manual pull station alarm, automatic detection alarm, sprinkler waterflow alarm, supervisory signal indications and trouble indications.

2. The connection of security/burglar devices and equipment to a fire alarm panel is prohibited. A sign must be provided to indicate same.

3. Installation of pre-recorded evacuation messages or background music in the fire alarm control panel would require a prior approval from the Fire Department.
4. The above referenced products shall be used only with listed and approved accessories with which compatibility has been determined by the Engineer of Record or a UL test report.
5. All uses, configurations, arrangements and functions, application and installations shall comply with the provisions of New York City Building Code, specifically Subchapter 17, and Reference Standard 17-3. Further, the installation shall be in accordance with the manufacturer's recommendation, NFPA 72 and UL Standard.

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

April 6, 2004

Examined by

Donald [Signature]