

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, A.I.A, Commissioner
MEA 217-03-E

Report of Material and Equipment Acceptance Division

Manufacturer – Fire Control Instruments, Inc., 16 Southwest Park, Westwood, MA
02090

Trade Name – FCI.

Product – Fire alarm Equipment.

Pertinent Code Sections – RS17-3, 886-89-BCR.

Test(s) - UL864, UL 1711.

Laboratory – Underwriters Laboratories, Inc.

Test Report(s) UL File S1949, Project 02ME13750, Volume 19, Issued April 30, 2003, and UL Letter dated June 20, 2003.

Description – NetSOLO Broadband Voice Evacuation System, consisting of an INCC Intelligent Network Command Center and INX Intelligent Network Transponder housing audio amplifiers. The INCC Command Center is powered by a Model 7100 Fire Alarm Control Panel. The INCC Command Center and INX Transponder communicate via the unshielded twisted pair wire that can interconnect up to 64 Model 7100 control units.

Pursuant to "Promulgation of the Rules relating to Material and Equipment Application Procedures" dated November 5, 1992, the Bureau of Fire Prevention had no objections Letter dated August 29, 2003, F.P. Index No. 0306071A.

Recommendation - That the above units be accepted on conditions that all uses, locations and installations comply with the New York City Building Code, specifically Subchapter 17 and with Reference Standards RS 17-3 through RS 17-3C, inclusive as applicable including the NFPA as appropriate, the UL Listing, manufacturer's instructions, Fire Department Directives, and the Electrical Code of the City of New York, and on further condition that:

1. The control panel in this application shall be used only with listed and approved accessories with which the compatibility has been determined by the Engineer of Record or a UL test report.
2. Fire Alarm Control Unit NetSOLO, 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 condition.

3. The design for the installation of Control Unit NetSOLO, 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 device units shall be acceptable for each isolator.
4. 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.

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

5. For other occupancies where installed as an IFA control panel with voice, 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 or notification appliance unit shall be acceptable for each isolator.
6. When used with central office communicator or transmitter, the installation and operation of the equipment and devices listed herein shall comply with Fire Department Rule 3RCNY §17-01. It shall have the capability of transmitting separate and distinct signals to indicate manual pull station alarm, automatic smoke/heat detection alarm, sprinkler waterflow alarm, supervisory signal indications and trouble indications.
7. The connection of security/burglar devices and equipment to a fire control panel is prohibited. A sign must be provided to indicate same.
8. Installation of pre-recorded evacuation messages or background music would require a prior approval from the Fire Department.

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 that tested and accepted for use, as provided for in Section 27-131 of the Building Code.

Final Acceptance September 29, 2003
Examined by Donald [Signature]