

**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.

Richard C. Visconti, R.A., Acting Commissioner

MEA 447-99-E

Report of Material and Equipment Acceptance Division

Manufacturer - Notifier, One Fire-Lite Place Northford, CT 06472-1001

Trade Name - Notifier

Product - Fire Alarm Equipment

Pertinent Code Sections - 27-958 thru 27-977, RS 17-5 ANSI/NFiPA/No. 72

Test(s) - RS 17-5 ANSI/NiPA No. 72; UL 864

Laboratory - Underwriters Laboratories, Inc.

Test Report(s) - UL File S624, Project 87NK7890, Volume 11 Issued May 17, 1998
Revised August 24, 1999, S635 Volume (Section 5) Issued October 22, 1999,
S635 Volume 33 Issued October 4, 1999

Description - The ACT-2 Audio Coupling Transformer is used with the AMG-1/-E series Audio Message Generators, AA-30/-100/-120 Audio Amplifiers and the RM-1/-1SA Remote Microphones to provide a means to drive thousands of amplifiers in large audio system applications. The MLD-1 Multi-Language Display is a fire alarm system annunciator that may be programmed to display information in almost any language and is used with compatible fire alarm control panels. The AFP-600 is an intelligent fire control panel with a capacity of up to 704 intelligent addressable devices; 318 analog detectors and 318 addressable modules using two signaling line circuits (SLCs) and up to 68 output circuits. It is also suitable for releasing service. The following equipment is compatible and is used with the AFC-600 fire alarm control panel:

Part Number	Description
A2143-00	47K End-of-line Resistor Assembly
A2143-10	3.9K End-of-line Resistor Assembly
AA-30/-100/-120	Audio Amplifiers
ACM-8R	Annunciator Control Module
ACM-16AT	Annunciator Control Module
ACM-32A	Annunciator Control Module
ACT-1/-2	Audio Coupling Transformer
AEM-16AT	Annunciator Expander Module
AEM-32A	Annunciator Expander Module

Part Number	Description
AFM-16AT	Annunciator Fixed Module
AFM-32A	Annunciator Fixed Module
AKS-1	Annunciator Key Switch
AMG-1/-E	Audio Message Generator
APS-6R	Auxiliary Power Supply
ARM-4	Auxiliary Relay Module
ATG-2	Audio Tone Generator
B501	Compact Detector Base
B501BH	Sounder Base
B524BI	Isolator Base
B524RB	Relay Base
B710L	Low Profile Base
BB-17	Battery Box
BB-55	Battery Box
BX-501	Standard Detector Base
CAB-A3/-D3	Cabinets
CAB-600AA	Cabinet
CCM-1	Communications Converter Module
CHS-4L	Low Profile Chassis
CHS-4M	Chassis/Dress Panel Assembly
CHS-6	Low Profile Chassis
CMX-2	Control Module
CPU-600	CPU Module
CPX-551	Intelligent Ionization Smoke Detector
CPX-751	Low Profile Ionization Smoke Detector
CRE-4	Control Relay Expander Module
CRM-4	Control Relay Module
CRT-2	Display terminal with keyboard
DCM-4	Dual Channel Module
DHX-501/-502	Duct Smoke Detector Housing
DP-400/-600AA	Dress Panel
FCM-1	Control Module
FCPS-24	Field Charger/Power Supply
FDX-551/-551R	Intelligent Thermal Detector
FFT-7/-7S	Fire Fighter's Telephone
FHS	Fireman's Handset
FMM-1	Monitor Module
FMM-101	Monitor Module
FPJ	Fireman's Phone Jack
FRM-1	Control Module
FSD-751	Duct Detector
FSI-751	Intelligent Ionization Smoke Detector

Part Number	Description
FSL-751	Laser Smoke Detector
FSM-751	Combination Intelligent Ion, Photoelectric, Thermal Detector
FSP-751	Intelligent Photoelectric Smoke Detector
FST-751/-751R	Intelligent Thermal Detector
FZM-1	Monitor Module
HPX-751	Hostile Area Smoke Detector
IPX-751	Intelligent Ionization, Photoelectric, Thermal Detector
ICM-4	Indicating Circuit Module
ICE-4	Indicating Circuit Expander Module
ISO-X	Loop Isolator Module
LCD-80/-80TM	Liquid Crystal Display Module
LDM-32	Lamp Driver Module
LDM-E32	Lamp Driver Expander Module
LDM-R32	Lamp Driver Relay Module
LPX-751	Intelligent Low Profile Photoelectric Detector
MLD-1	Multi-language Display Annunciator
MMX-1	Monitor Module
MMX-2	Monitor Module
MMX-101	Monitor Module
MPS-6	Power Supply Module
NIB-96	Network Interface Board
PRN-4/-5	80 Column Printer
RA400/-400Z	Remote Annunciator
RPJ-1	Fireman's Phone Jack
RPT-485W	EIA Repeater (Wire)
SDX-551/-551TH	Intelligent Photoelectric Smoke Detector
SDX-751	Intelligent Photoelectric Smoke Detector
STS-1/-200	Tamper Switch
TR-A3/-B3/-C3/-D3	Trim Ring
TR-500	Trim Ring
UDACT	Universal Digital Alarm Communicator/Transmitter
UZC-256	Universal Zone Coder
VCE-4	Voice Control Expander Module
VCM-4	Voice Control Module
VS4095	Keltron 40 Column Printer
XP5-C	Transponder Control Module
XP5-M	Transponder Monitor Module
XPC-8	Transponder Control Module
XPDP	Transponder Dress Panel
XPP-1	Transponder Processor
XPR-8	Transponder Relay Module
XPM-8/-8L	Transponder Monitor Module
4XTM	Transmitter Module

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 25, 2000, F.P. 9912042A.

Recommendation - That the above AFC-600, MLD-1, ACT-2 and accessories be accepted on condition that all uses, locations and installations comply with the New York City Building Code, specifically Subchapter 17 and with the Reference Standard RS 17-3 through 17-3C inclusive as applicable including the NFPA as appropriate, the U.L. Listing, the manufacturer's instructions, the Fire Department Directives, and with Electrical Code of the City of New York, and on further condition that:

1. Fire Alarm Control Unit, AFC-600:

This control panel, when used in a network configuration must provide redundancy to assure a degraded (fail-safe) mode of operation. This feature must assure that control of doors, locks, ventilation fans, elevator recall and evacuation signaling will not be rendered inoperable in the case of a microprocessor failure and in the event of a fire condition, when installed in any building in which a Fire Command Station is required.

Where installed as a Fire Command Station, in occupancies such as high rise office buildings, hotels and department stores, the design must employ the style 6 or 7 wiring methods with at least one isolator provided for each floor. No more than 25 initiating devices or notification appliance units shall be acceptable for each isolator.

For other occupancies, style 4 wiring method would be acceptable with a condition that the design provides for the installation of one isolator at each Tee Tap. No more than 25 initiating devices notification appliance units shall be acceptable for each isolator. appliance units 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 alarms, supervisory signal indications and trouble indications.

Prior to the installation of the digital pre-recorded automatic evacuation system, a specific approval for a specific installation must be obtained from the Fire Department.

2. Multi-Language Display Annunciator, MLD-1:

The operation of this unit shall be limited to display of alarms and functions only:

No control of activities shall be allowed. The display shall be in the English language only.

3. All uses, configurations, arrangements and functions, application and installations shall comply with the provisions of the New York City Building Code, specifically Subchapter 17, and Reference Standard 17-3.

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 May 16, 2000

Examined by Mark J. [Signature]