



## Report of Materials and Equipment Acceptance Division

NYC Department of Buildings  
280 Broadway, New York, NY 10007  
Robert D. LiMandri, Acting Commissioner  
(212) 566-5000, TTY: (212) 566-4769

Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use subject to the terms and conditions contained herein.

### MEA 313-97-E Vol. 5

**Manufacturer:** Mircom Technologies Ltd., 25 Interchange Way,  
Vaughan, Ontario L4K 5W3, CANADA

**Trade Name(s):** Mircom

**Product:** Fire alarm equipment  
MEA Index #280 – Fire Alarm Equipment

**Pertinent Code Section(s):** 27-968 through 27-977, Reference Standards RS 17,  
17-3A, 17-3B 17-3C and 17-5

**Prescribed Test(s):** UL 864

**Laboratory:** Underwriters Laboratories, Inc.

**Test Report(s):**

- 1) UL File S7010, Project 06CA03066 issued December 15, 2006.
- 2) UL File S5434, Project 02NK20326, revised Project 06CA27620 revised June 26, 2006.
- 3) UL File S5434, Volume 3, Section 1 issued January 20, 1999, revised November 3, 2006.
- 4) UL File S7010, Issued Project 05CA34355, Revised Project SR607796 issued date March 7, 2006, revised dated January 29, 2007.
- 5) UL File S7010, Project 06CA44067 issued January 4, 2007.
- 6) UL File S5434 Service Request 451856 issued January 28, 2006, revised January 26, 2007.
- 7) UL File S7010, Issued Project 03NK33767, Revised Project 06CA20722 issued August 19, 2004, revised June 14, 2006.
- 8) UL File S7010, Volume 3, Section 1 issued February 18, 1999, revised September 19, 2007.

- 9) UL File S7010, Volume 28 Section General, issued December 4, 1998, revised March 16, 2001.
- 10) UL File S7010, Issued Project 05CA34355, Revised Project 06CA10148 issued March 7, 2006, revised December 9, 2006.
- 11) UL File S7005, Issued Project 06CA03070, Revised Project 06CA22284 issued January 18, 1996, revised July 13, 2006.
- 12) UL File S7005, Issued Project 04CA04366, Revised Projects 07CA02185 and 07CA02190 issued September 1, 2004, revised February 13, 2007.
- 13) UL File S5434, Volume 14, Section 1 issued March 21, 2006.
- 14) UL File S5434, Volume 4, Section 1 issued September 20, 1999, revised March 20, 2007.
- 15) UL File S5434, Volume 6, Section 1 issued March 3, 2003.
- 16) UL File S7010, Issued Project 99NK37453, Revised Project 06CA32906 issued May 2, 2000, revised August 30, 2006.
- 17) UL Multiple Listing, File S7010 issued January 12, 2006.

**Description:** All equipment submitted herewith is intended for use on coded, non-coded, voice evacuation, smoke detection and sprinkler systems.

<b>Product</b>	<b>Description</b>
AGD-048	ADDER GRAPHIC ANNUMCIATOR DRIVER
BB-330	FIRE FIGHTER'S TELEPHONE BACK BOX
BB-5008	LOBBY CONTROL BACK BOX
BB-5014	LOBBY CONTROL BACK BOX
BB-700	PULL STATION BACK BOX
BB-700WP	WEATHER PROOF PULL STATION BACK BOX
FA-1008KU	FIRE ALARM CONTROL PANEL
FA-262R	FIRE ALARM CONTROL PANEL
FA-265R	FIRE ALARM CONTROL PANEL
FA-300-6DDR	FIRE ALARM CONTROL PANEL
FA-300-6DR	FIRE ALARM CONTROL PANEL
FA-300-6LDR	FIRE ALARM CONTROL PANEL
FA-300-6LR	FIRE ALARM CONTROL PANEL
FA-301-12DDR	FIRE ALARM CONTROL PANEL
FA-301-12LDR	FIRE ALARM CONTROL PANEL
FA-301-12LDW	FIRE ALARM CONTROL PANEL
FA-301-12LR	FIRE ALARM CONTROL PANEL
FA-301-12LW	FIRE ALARM CONTROL PANEL

<b>Product</b>	<b>Description</b>
FDX-008	FAN DAMPER PANEL
FH-100A	FIRE FIGHTER'S PORTABLE HANDSET
FHC-300	SURFACE MOUNT BACK BOX
FJ-100	FIRE FIGHTER'S REMOTE TELEPHONE JACK
FR-320DR	DELUGE AND EXTINGUISHING PANEL
FR-320-R	DELUGE AND EXTINGUISHING PANEL
FT-300A	REMOTE FIRE FIGHTER'S TELEPHONE CHASSIS
FX-2003S-12	FIRE ALARM CONTROL PANEL
FX-2009S-12	FIRE ALARM CONTROL PANEL
FX-2017S-12A	FIRE ALARM CONTROL PANEL
FX-2200	FIRE ALARM CONTROL PANEL
FX-350-126-DR	FIRE ALARM CONTROL PANEL
FX-350-60-DR	FIRE ALARM CONTROL PANEL
IPS-2424	ZONE BYPASS PANEL
MGD-32	MASTER GRAFIC ANNUNCIATOR
MS-401ADU	ADDRESSABLE PULL STATION
MS-701ADU	ADDRESSABLE PULL STATION
MS-401IDU	ADDRESSABLE PULL STATION
MS-701U	PULL STATION
MS-703U	PULL STATION
MS-704U	PULL STATION
MS-705U	PULL STATION
MS-710ADU	ADDRESSABLE PULL STATION
MS-710IDU	ADDRESSABLE PULL STATION
MS-710U	PULL STATION
MS-701NY	PULL STATION
MS-710NY	PULL STATION
MS-701ADNY	ADDRESSABLE PULL STATION
MS-710ADNY	ADDRESSABLE PULL STATION
MS-701IDU	ADDRESSABLE PULL STATION
MS-701IDNY	ADDRESSABLE PULL STATION
MS-710IDNY	ADDRESSABLE PULL STATION
MS-715U	PULL STATION
PRO2000-XS2, X2E, X2M	FIRE ALARM CONTROL PANEL
PRO2000-X6S, X6E, X6M	FIRE ALARM CONTROL PANEL
QAA-4CLA	CONVERTER MODULE
QAA-4CLAS	CONVERTER MODULE
QAA-5160-70/25	AUDIO AMPLIFIER
QAA-5230S-70/25	AUDIO AMPLIFIER
QAA-5415-25	AUDIO AMPLIFIER
QAA-5415-70	AUDIO AMPLIFIER
QAMT-5300	ADDRESSABLE FIRE FIGHTER'S TELEPHONE MODULE
QAMT-5302	ADDRESSABLE FIRE FIGHTER'S TELEPHONE MODULE
QAZT-5302	ADDRESSABLE FIRE FIGHTER'S SELECTOR MODULE
QBB-5001	AUDIO AMPLIFIER ENCLOSURE

QBB-5001TR	FLUSH TRIM
QBC-5000B	BATTERY CHARGER
QDV-1000	DIGITIZED VOICE MODULE

<b>Product</b>	<b>Description</b>
QIF-1000	INTERCONNECTION MODULE
QIF-2000	EXPANDED INTERFACE
QIF-5000B	AUDIT / FIRE ALARM INTERFACE CARD
QMB-5000B	AUDIO MOTHERBOARD AND CARD CAGE
QMP-5100AX	PAGING CONTROL MODULE
QMP-5100B	MIC & MASTER PAGING CONTROL MODULE
QMP-5101B	MIC & MASTER PAGING CONTROL MODULE
QMT-5300A	MASTER TELEPHONE HANDSET
QMT-5302	MASTER TELEPHONE, CLASS A/B
QPS-5000	QX-5000 POWER SUPPLY 120 Vac
QZP-5101	PAGING ZONE CONTROL
QZT-5302	TELEPHONE SELECTOR
RAM-1016	REMOTE ANNUNCIATOR
RAM-1016TZ	REMOTE ANNUNCIATOR
RAM-1032TZ	REMOTE ANNUNCIATOR
RAM-300LCDR	REMOTE ANNUNCIATOR
RAM-300LCDW	REMOTE ANNUNCIATOR
RAX-LCD	REMOVE SHARED DISPLAY
TC-330	FRONT COVER PLATE, FLUSH
TC-331	FRONT COVER PLATE, SURFACE
ICAC-262	INTERFACE MODULE, 2 ZONE
ICAC-265	INTERFACE MODULE, 5 ZONE
RM-263	3-RELAY MODULE
PR-281	LOCAL ENERGY AND POLARITY REVERSAL CITY TIE MODULE
UDACT-286	DUAL LINE DIALER
RM-306	FA-300 SERIES RELAY ADDER MODULE (6)
RM-312	FA-300 SERIES RELAY ADDER MODULE (12)
PR-300	LOCAL ENERGY AND POLARITY REVERSAL CITY TIE MODULE
ICAC-306	INPUT CLASS-A CONVERTER MODULE (6)
OCAC-302	OUTPUT CLASS-A CONVERTER MODULE (2)
OCAC-304	OUTPUT CLASS-A CONVERTER MODULE (4)
SRM-312R	REMOTE RELAY
UDACT-300A	UNIVERSAL DIGITAL-A ALARM TRANSMITTER
ELRX-300	ACTIVE END OF LINE RESISTOR
ELRX-300R	ACTIVE END OF LINE RESISTOR WITH PLACE
MR-XPS	EXPANSION TRANSFORMER 120/240V
RM-2200-4	FOUR RELAY MODULE
PR-2200	CITY CONNECTION MODULE
UDACT-2200	DACT MODULE
NWM-2200R	NETWORK BOARD
NWM-2200R1	NETWORK BOARD
NWM-2200R2	NETWORK BOARD

SGM-2200-2	DUAL NAC EXPANSION MODULE
DTC-300A	DIGITAL ALARM COMMUNICATOR

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 3, 2008, F.P. Index #0802065).

**Terms and Conditions:** The above units are accepted with the following conditions:

1. All uses, configurations, arrangements and functions, application and installations shall comply with the provisions of New York City Building Codes, specifically Subchapter 17 and Reference Standards RS 17-3, 17-3A, 17-3B and 17-3C. Further, the installation of these devices shall be in accordance with the manufacturer's recommendation, NFPA 72 and UL Standard 864.
2. When used with the central office communicator or a transmitter (DACT), the installation and operation of the control unit 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.
3. The installation of these units 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.
4. The connection of security/burglar devices and equipment to the fire alarm control unit is prohibited. A sign must be provided to indicate it.
5. Models with voice system shall have the capability of individual, group, or entire building notification of alarm tone and voice intelligibility.
6. Installation of pre-recorded evacuation messages and background music would require a prior approval from the Fire Department Commissioner.
7. Auto alarm silencing feature shall be removed from all these control units.
8. All control functions on remote annunciator shall be disabled; only alarm acknowledged functions shall be active.
9. All enclosing cases for above fire alarm equipment shall be painted in red color.
10. The above-referenced fire alarm control units shall be used only with listed and approved/accepted fire alarm equipment and accessories with which the compatibility has been determined by UL 864 test report.

11. All shipments and deliveries of such equipments shall be provided with metal tags, suitably placed, certifying that the equipments shipped or delivered are equivalent to those tested and accepted for use, as provided in Section 27-131 of the New York City Building Code.

Final Acceptance May 30, 2008.  
Examined By Donald [Signature]