

Mircom Fire Alarm Panels



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FX-2000 and FleX-Net™ Series UL Listed Compatible Devices

FX-2000 and FleX-Net™ (FX-2003-12N, FX-2009-12N, FX-2017-12, FX-2000ND) Series UL Listed Compatible Addressable Loop Modules

Manufacturer & Model	Description
Mircom	
MIX-1251	Low-Profile Analog Ionization Smoke Sensor
MIX-2251/B/T	Low-Profile Analog Photoelectric Smoke Sensor/plus Thermal
MIX-2251TM	Low-Profile Acclimate™ Intelligent Photoelectric Thermal Sensor
MIX-7251	Pinnacle™ Intelligent Laser Smoke Sensor
MIX-5251P/RP	Low-Profile Analog Thermal Sensor/Rate of Rise
MIX-M500MB	Monitor Module (Universal)
MIX-M500CH	Addressable Control Module
MIX-M501M	Addressable Mini-Monitor Module
MIX-M502M	Universal Monitor Module
MIX-M500R	Addressable Relay Output Module
MIX-M500S	Addressable Supervised Output Module
MIX-M500DM	Addressable Dual Input Monitor Module
MIX-DH200PL	Intelligent Smoke Detector
MIX-DH200RPL	Intelligent Smoke Detector (with relay)
MIX-210LP	200 Series Low Profile Intelligent Base
MIX-B501BH	200 Series Low Profile Intelligent Base with Horn
MIX-B501BHT	200 Series Low Profile Intelligent Base with Horn (Temporal Code)
System Sensor	
FTX-P1	Filtrex™ Intelligent Photoelectric Smoke Sensor
M500X	Fault Isolator Module
IM-10	Ten Input Monitor Addressable Module
CR-6	Six Relay Control Module
SC-6	Six Supervised Control Module
B254BI	Analog Base with Isolator
B501B	Analog Base
B210LP	200 Series Low Profile Intelligent Base

Manufacturer & Model	Description
B501B-FTX	Filtrex Base
B501BH	200 Series Low Profile Intelligent Base with Horn
System Sensor continued	
B501BHT	200 Series Low Profile Intelligent Base with Horn (Temporal Code)
CZ-6	Six Addressable Universal Zone Module
BEAM200	Intelligent Addressable Beam Detector
BEAM200S	Intelligent Addressable Beam Detector (with Sens Test)

FX-2000 and FleX-Net™ (FX-2003-12N, FX-2009-12N, FX-2017-12, FX-2000ND) Series UL Listed Compatible Two-Wire Smoke Detectors



Notes:

1. Whether mixing different models of compatible smoke detectors or using the same model on the same circuit, total standby current of all detectors must not exceed 3 mA.
2. The below listed smoke detectors are compatible with initiating circuits having Compatibility Identifier "A".

Smoke Detector Manufacturer Model / Base	Compatibility Identifier Head / Base	Rated Standby Current	Maximum # of devices per circuit
Mircom			
MIR-525U	FDT-1	0.10 mA	30
MIR-525TU	FDT-1	0.10 mA	30
Apollo			
55000-225 / 45681-251, -255, -256, -258	225 / 251, 255, 256, 258	0.045 mA	30
55000-325 / 45681-251, -255, -256, -258	325 / 251, 255, 256, 258	0.045 mA	30
Detection Systems Inc.			
DS250	B - N/A	0.10 mA	30
DS250TH	B - N/A	0.10 mA	30
DS282	B - N/A	0.10 mA	30
DS282TH	B - N/A	0.10 mA	30
Hochiki			
DCD-135/NS6-220	HD-3/HB-72	0.035mA	30
DCD-135/NS4-220	HD-3/HB-3	0.035mA	30
DCD-135/HSC-220R	HD-3/HB-3	0.035mA	30
DCD-190/NS6-220	HD-3/HB-3	0.035mA	30
DCD-190/NS4-220	HD-3/HB-3	0.035mA	30
DCD-190/HSC-220R	HD-3/HB-3	0.035mA	30
SIJ-24/NS6-220	HD-3/HB-72	0.040mA	30
SIJ-24/NS4-220	HD-3/HB-3	0.040mA	30
SIJ-24/HSC-220R	HD-3/HB-3	0.040mA	30
SLR-24/NS6-220	HD-3/HB-72	0.045mA	30
SLR-24/NS4-220	HD-3/HB-3	0.045mA	30
SLR-24/HSC-220R	HD-3/HB-3	0.045mA	30
SLR-24H/NS6-220	HD-3/HB-3	0.045mA	30

Smoke Detector Manufacturer Model / Base	Compatibility Identifier Head / Base	Rated Standby Current	Maximum # of devices per circuit
SLR-24H/NS4-220	HD-3/HB-3	0.045mA	30
Hochiki continued			
SLR-24H/HSC-220R	HD-3/HB-72	0.045mA	30
SLR-835/NS6-220	HD-3/HB-3	0.045mA	30
SLR-835/NS4-220	HD-3/HB-3	0.045mA	30
SLR-835/HSC-220R	HD-3/HB-72	0.045mA	30
SLR-835B-2	HD-6	55µa @ 24VDC	30
NAPCO			
FW-2	HD-6	55µA @ 24VDC	30
Sentrol - ESL			
429C	S10A - N/A	0.10 mA	30
429CT	S10A - N/A	0.10 mA	30
429CST	S11A - N/A	0.10 mA	30
429CRT	S11A - N/A	0.10 mA	30
711U/701E, 701U, 702E, 702U	S10A - S00	0.10 mA	30
712U / 701E, 701U, 702E, 702U	S10A - S00	0.10 mA	30
713-5U / 701E, 701U, 702E, 702U	S10A - S00	0.10 mA	30
721U / 702E, 702U	S10A - S00	0.10 mA	30
732U / 702E, 702U, 702RE, 702RU	S11A - S00	0.10 mA	30
721UT / 702E, 702U	S10A - S00	0.10 mA	30
722U / 702E, 702U	S10A - S00	0.10 mA	30
731U / 702E, 702U, 702RE, 702RU	S11A - S00	0.10 mA	30
721UT / 702E, 702U	S10A - S00	0.10 mA	30
721UT / 702E, 702U	S10A - S00	0.10 mA	30
System Sensor			
4451HT / B401	A - A	0.12 mA	25
5451 / B401B	A - A	0.12 mA	25
5451 / B401	A - A	0.12 mA	25
2451 / B401B	A - A	0.12 mA	25
2451 / B406B	A - A	0.12 mA	25
2451 / DH400	A - N/A	0.12 mA	25

Smoke Detector Manufacturer Model / Base	Compatibility Identifier Head / Base	Rated Standby Current	Maximum # of devices per circuit
2451TH / B406B	A - A	0.12 mA	25
System Sensor continued			
2451 / B401	A - A	0.12 mA	25
2451TH / B401	A - A	0.12 mA	25
4451HT / B401B	A - A	0.12 mA	25
4451HT / B406B	A - A	0.12 mA	25
1100	A - N/A	0.12 mA	25
1151/ B110LP	A - A	0.12 mA	25
1151/ B116LP	A - A	0.12 mA	25
1400	A - N/A	0.10 mA	25
1451/B401	A - A	0.12 mA	25
1451/ B401B	A - A	0.12 mA	25
1451/ B406B	A - A	0.12 mA	25
1451DH/ DH400	A - A	0.12 mA	25
2100	A - N/A	0.12 mA	25
2100T	A - N/A	0.12 mA	25
2151/ B110LP	A - A	0.12 mA	25
5451 / B406B	A - A	0.12 mA	25
2151/ B116LP	A - A	0.12 mA	25
2400	A - N/A	0.12 mA	25
2400TH	A - N/A	0.12 mA	25
2WTA-B	A - N/A	0.1 mA	1
2WTR-B	A - N/A	0.1 mA	1
2W-B, 2WT-B	A - N/A	0.1 mA	30

FX-2000 and FleX-Net™ (FX-2003-12N, FX-2009-12N, FX-2017-12, FX-2000ND) Series UL Listed Compatible Four-Wire Smoke Detectors

Manufacturer & Model/Circuit	Maximum # of Devices
Mircom	
MIR-545U	30
MIR-545TU	30
Sentrol-ESL	
541C	N/A
541CXT	N/A
709-MV-21	N/A
709-24V-21	N/A
741U WITH 702U or 702E Base	N/A
449AT, 449C, 449CT, 449CRT, 449CST, 449CSTE, 449CSRT, 449CSRH, 449CSST, 449CSSTE, 449CTE, 449CSLT	N/A
System Sensor	
1424	25
6424	30
6424A	30
A77-716B	
DH400ACDCI	8
DH400ACDCP	8
DH400ACDCIHT	8

FX-2000 and FleX-Net™ (FX-2003-12N, FX-2009-12N, FX-2017-12, FX-2000ND) Series UL Listed Compatible Signalling Devices

System Sensor - SpectrAlert	Wheelock continued	Wheelock continued
P2415	AS-2475C-FW	AMT-12/24-R-ULC
P2415W	AS-24100C-FW	AMT-24-LS-VFR-ULC
P241575	AH-24-R	MB-G6-24-R
P241575W	AH-24-WP-R	MB-G10-24-R
P2475	NS-2415W-FR	SM-12/24-R
P2475W	NS-241575W-FR	DSM-12/24-R
P24110	NS-2430W-FR	
P24110W	NS-2475W-FR	
S2415	NS-24110W-FR	
S2415W	NS4-2415W-FR	
S241575	NS4-241575W-FR	
S241575W	NS4-2430W-FR	
S2475	NS4-2475W-FR	
S2475W	NS4-24110W-FR	
S24110	RS-2415W-FR	
S24110W	RSS-241575W-FR	
H12/24	RSS-2415W-FR	
H12/24W	RSS-241575W-FR	
MDL	RSS-2430W-FR	
MDLW	RSS-2475W-FR	
Wheelock	RSS-24110W-FR	
AS-2415W-24-FR	RSS-2415C-FW	
AS-241575W-FR	RSS-2430C-FW	
AS-2430W-FR	RSS-2475C-FW	
AS-2475W-FR	RSS-24100C-FW	
AS-24110W-FR	MT-12/24-ULC	
AS-2415C-FW	MT-24-LS-VFR-ULC	
AS-2430C-FW	MT-24-WS-VFR-ULC	

FX-2000 and FleX-Net™ Series ULC Listed Compatible Devices

FX-2000 and FleX-Net™ (FX-2003-12N, FX-2009-12N, FX-2017-12, FX-2000ND) Series ULC Listed Compatible Addressable Loop Modules

Manufacturer & Model	Description
Mircom	
MIX-1551A	Analog Ionization Smoke Sensor
MIX-1251A	Low-Profile Analog Ionization Smoke Sensor
MIX-2551/BA	Analog Photoelectronic Smoke Sensor
MIX-2251A/2551TA	Low-Profile Analog Photoelectronic Smoke Sensor / Plus Thermal
MIX-2251TMA	Low-Profile Acclimate™ Intelligent Photoelectric Thermal Sensor
MIX-7251A	Pinnacle™ Intelligent Laser Smoke Sensor
MIX-M500MA	Monitor Module (Universal)
MIX-M500CHA	Addressable Control Module
MIX-M501MA	Addressable Mini-Monitor Module
MIX-DH200PLA	Intelligent Smoke Detector
MIX-DH200RPLA	Intelligent Smoke Detector (with relay)
MIX-210LPA	200 Series Low Profile Intelligent Base
MIX-B501BHA	200 Series Low Profile Intelligent Base with Horn
MIX-B501BHTA	200 Series Low Profile Intelligent Base with Horn (Temporal Code)
System Sensor	
5551A	Analog Thermal Sensor
5551RA	Analog Rate of Rise Thermal Sensor
5251PA	Low-Profile Analog Thermal Sensor
5251RPA	Low-Profile Analog Rate of Rise Thermal Sensor
FTX-P1A	Filtrex™ Intelligent Photoelectric Smoke Sensor
M500X	Fault Isolator Module
B254BIA	Analog Base with Isolator
B501B	Analog Base
IM-10A	Ten Input Monitor Addressable Module
CR-6A	Six Relay Control Module
SC-6A	Six Supervised Control Module

FX-2000 and FleX-Net™ (FX-2003-12N, FX-2009-12N, FX-2017-12, FX-2000ND) Series ULC Listed Compatible Hardwire Smoke Detectors



Notes: Whether mixing different models of compatible smoke detectors or using the same model on the same circuit, total standby current of all detectors must not exceed 3 mA.

Manufacturer & Model	Maximum # of Devices/ Circuit	Manufacturer & Model	Maximum # of Devices/ Circuit
Mircom		Fenwal continued	
MIR-525	30	PSD-7130/70-201000-003	base
MIR-525T	30	PSD-7130/70-201000-005	base
MIR-1400A	30	PSD-7128/70-201000-001	base
MIR-2400A	25	PSD-7126/70-201000-002	base
Apollo		PSD-7126/70-201000-003	base
55000-325	30	PSD-7126/70-201000-005	base
55000-325 / 45681-251, -255, -256, -258	30	PSD-7129/70-201000-000	base
Cerebrus Pyrotronics		PSD-7125/70-201000-001	base
D1-2	base	PSD-7126/70-201000-002	base
D1-3/DB-3S	30	PSD-7125/70-201000-003	base
Edwards		PSD-7125/70-201000-005	base
6249C	base	CPD-7021/70-201000-001	base
6250C	base	CPD-7021/70-201000-002	base
6264C	base	CPD-7021/70-201000-003	base
6266C	base	CPD-7021/70-201000-005	base
6269C	base	Hochiki	
6270C	base	DCD-135/NS6-220	30
6269C-003	base	DCD-135/NS4-220	30
6270C-003	base	DCD-135/HSC-220R	30
Fenwal		DCD-190/NS6-220	30
PSD-7131/70-201000-001	base	DCD-190/NS4-220	30
PSD-7131/70-201000-002	base	DCD-190/HSC-220R	30
PSD-7131/70-201000-003	base	SIJ-24/NS6-220	30
PSD-7131/70-201000-005	base	SIJ-24/NS4-220	30
PSD-7130/70-201000-001	base	SIJ-24/HSC-220R	30

Manufacturer & Model	Maximum # of Devices/ Circuit	Manufacturer & Model	Maximum # of Devices/ Circuit
PSD-7130/70-201000-002	base	SLR-24/NS6-220	30
Hochiki continued		System Sensor continued	
SLR-24/NS4-220	30	1451DH/DH400A	30
SLR-24/HSC-220R	30	2451-A/DH400A	25
SLR-24H/NS6-220	30	1151A	30
SLR-24H/NS4-220	30	2151A	30
SLR-24H/HSC-220R	30	C2W-BA/C2WT-BA	30
SLR-835/NS6-220	30	C2WTR-B	1
SLR-835/NS4-220	30	C2WTA-BA	1
SLR-835/HSC-220R	30	NAPCO	
SLR-835B-2	30	FW-2	30

Manufacturer & Model	Maximum # of Devices/ Circuit	Manufacturer & Model	Maximum # of Devices/ Circuit
Mirtone			
73471	base		
73494	base		
73575	base		
73495/73486	base		
73495/73487	base		
73595/73486	base		
73595/73497	base		
73594/73400	base		
73405/73400	base		
73594/73401	base		
73405/73401	base		
Simplex			
2098-9110	base		
System Sensor			
1400-A	30		
2400-A	25		
1451-A/B401B	25		
1451-A/B406B	25		
2451-A/B401B	25		
2451-A/B406B	25		

FX-2000 and FleX-Net™ (FX-2003-12N, FX-2009-12N, FX-2017-12, FX-2000ND) Series Compatible Synchronized Modules and Strobes



Notes:

1. * Strobes and horns must be connected to separate circuits since the horn is a non-synchronized audible appliance.
2. Do not mix and match sync module with strobes from different manufacturers because each manufacturer uses different synchronization protocols.

Manufacturer	Brand	Sync. Module	Strobe Model	Max. Strobe / NAC
Amseco / Potter	Mircom	SDM 240	FHS-240-110	15
Gentex Corp.	Secutron	AVS44 R	MRA-HS3-24ww	20
SpectrAlert	System Sensor	MDL	P1224 MC	25
Wheelock	Wheelock	DSM 12/24	NS-24 MCW -FW	25
Faraday	Faraday	5406	6234B-14-24	26*

Notes



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