SIEMENS

FireFinder XLS

FireFinder XLS Fire Alarm Control Panel

Reviewed for Code Compliance
Inspections Division
Approved with Conditions

Date: 03/21/16

ENGINEER AND ARCHITECT SPECIFICATIONS

- Standard 2500 addressable point capacity system
- Networkable to other FireFinder XLS systems
- Powerful, easy-to-use programming capabilities
- Fully Field Programmable Via Windows Laptop Computer
- 6" Backlit LCD display
- User-friendly system interface
- Touch screen for maintenance operations and function keys
- New Global Annunciation and Control Capability
- Multi-Language Display
- Universal AC power input - 120/240VAC, 50/60Hz
- 12 amps of system power, expandable to 48 amps
- Numerous Relays - alarm, trouble, programmable…
- SureWire addressable loop technology
- Polarity insensitive detection circuits (Patented)
- Useful diagnostic LEDs on all cards
- Supports FirePrint application specific detection
- Security Device Monitoring
- Sprinkler Supervision
- Intelligent/Analog Detection Circuits, style 6 (Class A) or Style 4 (Class B)
- Detector Sensitivity Readout/Printout per NFPA 72
- Supervised Remote Printer
- 32 Character Custom messages
- New Thermal Strip Printer
- New Alphanumeric Pocket Pager Interface

- UUKL Listed for Smoke Control
- UL, ULC Listed, FM, CSFM, & NYMEA Approved

- Multiple Command Stations
- Menu Driven Operator Commands
- 5000 Event History Logging with On Line & Off Line Reports
- User Help Screens
- Multiple Levels of Password Protection
- Automatic Environmental Compensation for Smoke Detectors
- Alarm verification by Device or Zone
- Logic Controlled Output Functions
- Time Based Controlled Output Functions
- Holiday Schedule
- City Tie/Leased Line
- Coded Outputs
- 200 notification appliance circuits capacity
- Up to 4.0 amps (24VDC) per NAC
- Built-in strobe synchronization protocol
- Supports Pre-Action, Deluge and agent releasing
- Voice evacuation system optional
- Modular assembly
- NEC 760 Power Limited Circuits (UL 864 Compliant)
- Intelligent Interface to Building/Process Management Systems
- Degrade mode operation
- Distributed Processing
- Operates as Interactive Peer with other XLS or XLSVs in a XNET network
- Pre-Alarm Operation
- Supports Single Person Test, "Walk Test"
- NCCG Graphics support

Introduction

FireFinder XLS is a microprocessor based advanced life safety system. Its 6" display and large lighted buttons makes it the most intuitive fire alarm user interface in the industry. Its use of the unique multiprocessor "Network" design along with its ability to utilize both analog and conventional detection devices make it an extremely flexible and configurable life safety system.

The XLS is ideally suited for commercial, institutional and industrial fire detection and notification applications. It complies with the requirements of NFPA Standard 72 and is listed by Underwriters Laboratories under their standard UL-864. Underwriter's Laboratories of Canada also lists it for fire applications under ULC-S527. It is approved by Factory Mutual as well as CSFM and NYMEA for use in those specific locales.

In addition to the standard fire applications, XLS is listed by Underwriters Laboratories under the category UUKL for smoke control. XLS can be used as a listed Fireman's Smoke Control Station in high-rise office buildings, malls and other large structures.

XLS is listed by UL and approved by FM for releasing Halon 1301, Sinorix clean agent systems and pre-action or deluge sprinkler systems. These include foam or water applications. XLS follows the releasing requirements specified in the NFPA 12 Standards 12A, 13 and 2001.

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Description

The basic XLS control unit consists of the following subassemblies: PMI Person Machine Interface; PSC-12 Power Supply; DLC Device Loop Card; ZIC-4A Zone Indicating Card; CC-5 Card cage; ID-SP Inner Door Blank Single Plate; CAB-1, CAB-2 or CAB-3 enclosures. Optional modules that can be installed with the XLS System include: CC-2 Card Cage; NIC-C Network Interface Card; ZIC-8B/ZIC-2C Zone Indicating Card 8 circuits; CRC-6 Control Relay Card; OCM-16 Output Control Module; SCM-8 Switch Control Module; LCM-8 LED Control Module; FCM-6 Fan Control Module; SIM-16 Supervised Input Module; PSX-12 Power Supply Extender; RNI Remote Network Interface; RPM Remote Printer Module; SSD System Status Display; MDACT Multi-Point Digital Alarm Communicator; REMBOX2Two Module Remote Enclosure; REMBOX4 Four Module Remote Enclosure.

The XLS panel is compatible with a full line of intelligent initiating devices highlighted by the FirePrint Application Specified Detectors, models HFP-11 and HFPT-11. It is also compatible with the NCC series of graphics command centers.

PMI Person Machine Interface

PMI Person Machine Interface

The Person Machine Interface is the heart of the FireFinder-XLS system.The PMI serves as both operator interface and central microprocessor for the system. From the PMI the user can acknowledge events, control the system notification appliance circuits and reset the system. Detailed information about the nature and location of the events can also be displayed.

The PMI contains the site-specific program configuration - created in the Zeus tool.The controller in the PMI provides all system logic and supervision.

The PMI contains a large 6" (1/4 VGA) monochrome LCD display, touch screen and LED's for displaying system status. An audible sounds when there are unacknowledged events on the PMI. The display is surrounded by keys that are used to control the displayed information and to navigate through these screens. Keys are also provided to obtain "Help" and to enter into the menu features of the PMI.

The FireFinder system is controlled
PMI.The intuitive person machine in
lighted buttons to prompt users as t
system operation that is available (A
Unsilence Audible or Reset).

DLC Device Loop Card

DLC Device Loop Card

The DLC Device Loop Card is the interface for connection with FireFinder XLS detectors and initiating devices including manual stations, control and input devices. The DLC plugs into one slot of the CC-2 or CC-5 card cage. Programming the DLC is accomplished using the FireFinder XLS Zeus configuration tool. The DLC takes one address on the network and communicates with two device circuits with a total of up to 252 detectors and devices. The DLC has 12 LEDs for diagnostic purposes and provides ground fault detection and zone isolation circuitry.

ZIC-4A Zone Indicating Card

ZIC-4A Zone Indicating Card

The Zone Indicating Card ZIC-4A provides four fully supervised programmable output circuits for use on the FireFinder XLS Fire Alarm Control Panel. The ZIC-4A supplies four Class B (Style Y) or Class A (Style Z) type output circuits, power limited to 4.0 amps maximum per circuit. Each circuit can be independently programmed for use with listed audible or visual notification appliances, listed emergency audio speakers, municipal tie boxes, leased lines, or as releasing circuits. The ZIC-4A plugs into one slot in the CC-5 or CC-2 Card Cage, and has on-board LEDs for system status and troubleshooting. Indication of power, communication, internal operation, and ground fault conditions are provided, as well as indication of circuit activation or trouble conditions.

ZIC-8B/ZIC-2C

ZIC-8B/ZIC-2C

The Zone Indicating Card ZIC-8B provides eight fully supervised programmable output circuits for use on the FireFinder XLS Fire Alarm Control Panel. The ZIC-8B supplies 8 Class B (StyleY) type output circuits, power limited to 2.0 amps maximum per circuit. Each circuit can be independently programmed for use with listed audible or visual notification appliances, or listed emergency audio speakers. The ZIC-8B plugs into one slot in the CC-5 or CC-2 Card Cage, and has on-board LEDs for system status and troubleshooting. The ZIC-2C mounts directly on the ZIC-8B, and allows each of the ZIC-8B output circuits to be used for 2-channel voice applications. Indication of power, communication, internal operation, and ground fault conditions are provided, as well as indication of circuit activation or trouble conditions.

NIC-C

NIC-C

The Model NIC-C Network Interface Card provides HNET or XNET network communications between enclosures. In addition to the HNET or XNET communication the NIC-C provides CAN network communication within an enclosure or external to the enclosure. The HNET or XNET can be wired Style 4 or Style 7. The CAN network can be wired Style 4 only.

When the NIC-C is used for HNET communications it provides communication between enclosures on a single system.

When the NIC-C is used for XNET communications it provides communication between systems. The maximum of XNET NIC-Cs on a single system (single node) is one, for a total of 64 XNET NIC-Cs on a Peer-To-Peer Networked System.

The NIC-C Card has diagnostic LEDs
CAN Fail, HNET Fail, XNET Fail, Grou
and Loop B Fail, as well as LEDs to
and Active Networks.

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HLIM Line Isolator Module

HLIM Line Isolator Module

The HLIM loop isolator module provides short circuit protection on FireFinder XLS intelligent device circuits (DLC). When a short is detected by the HLIM, it isolates the affected segment of the circuit, allowing the remaining devices to continue operation.The HLIM is self-restoring, automatically reconnecting to circuit segment when the fault is removed.

It can be wired in either a Style 4 or Style 6 configuration.

The HLIM does not occupy a device address on the DLC circuit and requires no programming. Up to fifteen HLIMs may be installed on each DLC loop.

HCP

HCP

The HCP provides an intelligent control point for the FireFinder XLS Control Panel. The HCP can be programmed as an independent, remotely located telephone zone, speaker zone or notification appliance circuit. The HCP is designed to be used with the Siemens Fire Safety notification appliance product line.

The HCP communicates through the DLC analog loop and can be wired either Class A (Style Z) or Class B (Style Y). The 24 VDC power input comes from either the control panel or from any UL listed power limited, auxiliary power supply.

CRC-6 Controllable Relay Card

CRC-6 Controllable Relay Card

The Controllable Relay Card (Model CRC-6) is used with the FireFinder XLS Fire Alarm Control Panel. It is designed to provide auxiliary control of building functions such as door holder release, elevator capture, smoke control, lock release, etc. The CRC-6 plugs into one slot in the CC-5 or CC-2 Card Cage. It provides six fully programmable relays. Each relay contains one set of SPDT contacts rated at 4 Amps 30 VDC/120 VAC resistive and 3.5 amps 120 VAC inductive (0.6 P.F.).

SIM-16 Supervised Input Module

SIM-16 Supervised Input Module

The SIM-16 Supervised input Module is a remotely located, general-purpose input module. It provides sixteen input circuits for remote system monitoring. Each input can be individually programmed as supervised (dry contact only) or unsupervised (general purpose input.) The SIM-16 has two Form C relays. The relays and inputs are programmed using the Zeus system programming tool.

CDC-4

CDC-4

The Model CDC-4 Conventional Detector Card is used to monitor Siemens Fire Safety conventional detectors on the FireFinder XLS system. The CDC-4 can be used in applications where conventional detectors are more suited than addressable detectors, like hallways or large meeting rooms. Also, the CDC-4 can be use
conventional fire alarm panels to the
system without requiring detector re

CC-2 Card Cage-2 Slots

CC-5 Card Cage-5 Slots

CC-5/CC-2 Card Cages

The CC-5/CC-2 card cages provide the physical mounting location and all wiring connection points for all fire and voice system options cards for the FireFinder-XLS system. The CC-5 has 5 slots and the CC-2 has two slots.

All cards plugged into the CC-5/CC-2 card cage communicate with other FireFinder-XLS modules via a common data bus. Connectors are provided on the left & right side of the CC-5 to connect a (60) pin cable for communications with the FireFinder-XLS's operator interface, power supplies and amplifiers modules.

All field wiring to devices and circuits terminates on the CC-5/CC-2 card cage. All cards designed for use with the CC-5/CC-2 route their field wiring terminations to the "top" of the CC-5/CC-2.These connections are all power limited. Internal wiring connections distribute 24VDC to cards or high level audio signals (depending on application used) connect to the "bottom" of the CC-5/CC-2.These connections are all non-power limited.

All wiring connections to the CC-5/CC-2 are to removable terminal blocks.Terminal blocks are rated for use with wire sized 12AWG to 24AWG. Each connector is numbered to make wiring terminations to the correct position on the terminal block simple and reduce the potential for wiring errors.

SCM-8

SCM-8 Switch Control Module

The SCM-8 is a FireFinder XLS option module which provides manual control of the Emergency Voice Evacuation System or manual fire system control. Each SCM-8 module provides eight momentary pushbutton switches and 16 LED's to indicate their status. Each switch is assigned two LED's and a label to indicate the switch's

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programmed usage. The label slides behind a clear protective membrane. One of the LED's assigned to each switch is a dual color LED used to indicate what type of signal is active.

Each SCM-8 and each switch is fully programmable and may be used to control speaker circuits, and awide range of general system functions such as All Call, All Evac, Warden's Page, Speaker, etc. Anynumber of circuits may be grouped and controlled bya single switch. Switch usages and zone groupings are assigned using the ZEUS system programmingsoftware.The SCM-8s are mounted on a hinged panel as a partof the FireFinder XLS Command Console enclosure.

LCM-8

LCM-8 LED Control Module

The LCM-8 is an FireFinder XLS option module which provides LED annunciation of system activity. Each LCM-8 module contains eight groups of 2 LED's, each of which can be assigned to desired outputs using the ZEUS programming software. Eight LED's are dual color capable of being lighted either RED or GREEN flashing or steady. The remaining LED's are AMBER flashing or steady. A space is provided for labeling of LED functions.The label slides behind a clear protective membrane.The LCM-8 dimensions are identical to the SCM-8 and is mounted on the same hinged panel as a part of the FireFinder XLS Command Console enclosure.

FCM-6

FCM-6 Fan, Motor, dampers Control Module

The FCM-6 is an FireFinder XLS command console option module that provides manual control of building HVAC system fans, motors, and dampers. EachFCM-6 module provides (6) sets of (3) push button switches for manual system control. Each switch has3 associated LEDs to indicate Fan/Damper/Motor status: (
(Green LED),TROUBLE(Yellow LED)

PSC-12 Power Supply Charger Module

PSC-12 Power Supply Charger Module

The PSC-12 is a high current power supply that provides the FireFinder-XLS primary regulated 24VDC power to operate. It is rated at 12Amps (Alarm)/5Amps (Standby) and has a built in battery charger capable of charging up to 100AH batteries. The PSC-12 is an addressable intelligent microprocessor controlled module that communicates it status to the system operator interface (PMI). The PMI is able to query the status of the power supply to obtain information regarding system charging current, terminal loading information, ground fault conditions and more.

PTB Power Termination Board

PTB PowerTermination Board

The PSC-12 comes packaged with a module called the PTB.The PTB is the PowerTermination Board and is required for operation with the PSC-12.The PTB filters the power from the incoming AC mains and distributes it to the PSC-12 power supply and the optional PSX-12 power supply extender.

The PTB has an optional connector that can be used during system installation, commissioning & service to provide the technician with a place to plug in their laptop computer if required.The AC-ADPT is an optional accessory cable that allows connection on one side to the PTB via a keyed connector and on the other end directly into to the laptop's transformer. Most laptop computer external power transformers have removable AC power cords which can be replaced by the AC-ADPT to temporarily provide an AC power source for laptop computer used during system installation, service and maintenance calls when needed.

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PSX-12 Power Supply Extender

PSX-12 Power Supply Extender

The PSX-12 is a high current auxiliary power supply that expands the FireFinder-XLS systems main PSC-12 power supply and battery charger with an additional 24VDC power. It is rated at 12Amps.

RNI Remote Network Interface

RNI Remote Network Interface

The Model RNI Remote Network Interface provides a connection point for use with equipment mounted in a remote lobby enclosure on the FireFinder XLS Fire Alarm Control Panel. It is used to provide additional input, output and control features to the system remotely from the main control panel. These additional features may include control switches and indicators (SCM-8, LCM-8 and FCM-6), remote emergency paging microphones or telephones (LVM, FMT), or controls used in graphic annunciators (SIM-16, OCM-16) or System Status Display with the ability to acknowledge alarms, silence audibles and reset the system (SSD-C-REM). The RNI allows the PMI to be mounted in the REMBOX2 or REMBOX4 remote lobby enclosure.

RPM Remote Printer Module

RPM Remote Printer Module

The Model RPM Remote Printer Module provides a means of connecting the FireFinder XLS system to a printer, like the PAL-1, for creating a hard copy of system status and configuration reports. Simultaneously, it provides an output port that can be configured to communicate with external systems.

SSD Series

SSD Series

The SSD Series System Status Display is a remote LED/LCD display that shows the local status of a FireFinder XLS system. An LED illuminates when alarm, supervisory, trouble, and security events occur on the system. A four-line LCD will give details of the event in alphanumeric form. The display can be toggled to display additional events. Optional remote system control capabilities are available.

Models SSD-C, SSD-C-INT, and Model SSD-C-REM have three additional control buttons for acknowledging events, silencing audible circuits, and resetting the system. The SSD-C and SSD-C-INT have an integral keyswitch that enables these control buttons to operate. The SSD-C-REM is located within a locked cabinet, so no additional keyswitch is required for enabling the control buttons.

CAB1 Single Row Enclosure

CAB1 Single Row Enclosure

The Model CAB1 is the smallest of the FireFinder XLS enclosures. It can house a single CAB-MP cabinet mounting plate for mounting card cages, power supplies and bulk amplifiers. The CAB1 also has four mounting slots on the inner door for mounting a PMI interface and Model ID-MP switch module brackets. The CAB1 comes complete with a black back box, black inner and outer doors, a single lock and key set on the outer door, a single CAB-MP cabinet mounting plate (installed), and a single OD-LP outer door lens plate (installed). A red version called the CAB1-R is also available. Approximate size is 27" high, 26" wide, and 8" deep.

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MDACT - Multi-Point Digital Alarm Communicator Transmitter

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The Model MDACT Multi-Point Digital Alarm CommunicatorTransmitter is used in FireFinder XLS systems where point identification of alarm, supervisory, security and trouble events is required at Central or Remote Receiving Stations. An intelligent RS-485 communications protocol transmits all system information to the MDACT. The installer selects the specific events, or groups of events, that are to be transmitted from the MDACT over phone lines to listed receiving station equipment. The MDACT can transmit point information via Ademco Contact ID and the SIA protocol. For installation, a MOM2-XMP Mounting Plate, MOM-2 card cage, and an XMI Interface Card are required.

TSP-40A Thermal Strip Printer

TSP-40A Thermal Strip Printer

TheTSP-40A is a thermal strip printer designed for use with the FireFinder XLS system.TheTSP-40A acts as event logging device providing a permanent history report of all system activity. It mounts in the FireFinder XLS CAB1, CAB2 or CAB3 enclosure and its printout is visible through a window in th locked enclosure door. Printouts are automatically spooled on a take-up reel for easy record storage.

CCU/M Alphanumeric Pager Interface

CCU/M Alphanumeric Pager Interface

The CCU/M is an ancillary module that connects to the RPM to transmit FireFinder XLS status information in text message format to an alphanumeric pocket pager.The CCU/M can be connected to an exiting phone line and can dial out to a pager using its onboard modem to transmit information via a paging service.The CCU/M can also connect directly to an existing on-site paging system. Through programming, the CCU/M can send different types of events to different pagers. Up to 8 different messages can be sent to pagers directly from CCU/M. Alarms,Troubles, Supervisory, Security, Arm/Disarm, Status Points, Audible status and Reset can be directed to all or only certain alphanumeric pocket pagers.

CAB2 Two Row Enclosure

CAB2 Two Row Enclosure

The Model CAB2 is the mid-sized FireFinder XLS enclosure capable of housing up to two CAB-MP cabinet mounting plates. The inner door has two rows of four mounting slots. The outer door has space for mounting two outer door plates (Models OD-LP, OD-BP or OD-GP). The outer door can be configured to open from either side. The CAB2 consists of the CAB2-BB back box, the CAB2-BD black inner and outer door package, two CAB-MP cabinet mounting plates, and one OD-LP lens plate.The outer door has a single lock and key set installed. A red version called the CAB2R is also available. Approximate size is 45″ High, 26″ wide, and 8″ deep.

CAB3 Three Row Enclosure

CAB3Three Row Enclosure

The Model CAB3 is the largest single FireFinder XLS enclosure available. It can house up to three CAB-MP cabinet mounting plates in the enclosure, and three rows of inner door mounting slots.The outer door can be configured to open from either side. The CAB3 consists of the CAB3-BB back box, the CAB3-BD black inner and outer door package, three CAB-MP cabinet mounting plates, and one OD-LP lens plate. The outer door has two locks and key sets installed. A red version called the CAB3R is also available. Approximate size is 63" high, 26" wide, and 8" deep.

EnclosureTrim Kits

Trim kits are available for all system enclosures for semi-flush mounting applications. The Model CAB1-TK (for black enclosures) and the Model CAB1R-TK (for red enclosures) fit the CAB1 and CAB1-R enclosures. Similarly, the CAB2-TK and CAB2R-TK fit the CAB2 enclosure, and the CAB3-TK and CAB3R-TK fit the CAB-3 enclosure.

RemoteTransponders

The FireFinder XLS system can use remote transponders for mounting additional modules like amplifiers without requiring a PMI or any control switches. Special doors are available for systems using CAB2 or CAB3 remote transponders. These doors, Models CAB2-XBD and CAB3-XBD, omit the unused inner door and come complete with ventilation louvers built into the door. The CAB2-XBD fits on a CAB2-BB and the CAB3-XBD fits on a CAB3-BB. The CAB2-XBD and CAB3-XBD are supplied in black. Red versions called the CAB2-XRD and CAB3-XRD are also available. Complete box and door kits are available as Model CAB2-X and Model CAB3-X.

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CAB-MP Cabinet Mounting Plate

CAB-MP Cabinet Mounting Plate

The Model CAB-MP cabinet mounting plate provides mounting for a single row of modules in a FireFinder XLS cabinet. Four module spaces are available on the CAB-MP. The CAB-MP is used to mount the CC-5 card cage, the CC-2 card cage, the PSC-12 power supply, the PSX-12 power supply extender, and the ZAM-80/180 zone amplifiers.

ID-MP Inner Door Mounting Plate

ID-MP Inner Door Mounting Plate

The Model ID-MP inner door mounting plate is mounted on the inner door of a CAB enclosure. ID-MPs are used to mount Model SCM-8 switch control modules, Model LCM-8 LED control modules, or Model FCM-6 fan control modules. Four mounting plates are included in each Model ID-MP. Each mounting plate has four spaces for control modules, and can hold either four SCM-8s (one control module space each), four LCM-8 (one control module space each), or two FCM-6s (two module spaces each). Combinations are also allowed. Blank spaces in the ID-MP can be covered using the Model BCM blank control module plate. Up to four ID-MPs can be mounted in a single row on the inner door.

ID-SP Inner Door Blank Single Plate

ID-SP Inner Door Blank Single Plate

The Model ID-SP is used to cover any single module blank spaces on the inner door not used to mount the PMI or an

ID-MP. Up to four ID-SPs can be mounted in a single row on the inner door. Two blank plates are included in each Model ID-SP.

ID-FP Inner Door Full Blank Plate

The Model ID-FP is a blank plate that covers the full opening of the row on an inner door. It is used for applications requiring full dead front protection. A single full blank plate is included in the ID-FP.

BCM Blank Control Module plate

BCM Blank Control Module plate

BCMs can be mounted on a single ID-MP. Four blank module plates are included in each Model BCM.

OD-LP Outer Door Lens Plate

OD-LP Outer Door Lens Plate

The Model OD-LP is a clear plastic lens plate mounted on the outer door of a system cabinet. It is used to allow operators to see the system interface and controls mounted on the inner door, but restricts access to unauthorized users. It covers an entire row on the outer door. A single lens plate is included with each OD-LP.

OD-BP Outer Door Blank Plate

OD-BP Outer Door Blank Plate

The Model OD-BP is used to cover an entire row on the outer door of a system cabinet. It is used when there is no PMI or control modules mounted on the adjacent row of the inner door. A single blank plate is included in each OD-BP.

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OD-GP Outer Door Grill Plate

OD-GP Outer Door Grill Plate

The Model OD-GP also covers an entire row on the outer door of a system cabinet, but has four rows of ventilation louvers on it. The OD-GP is mounted in front of system bulk amplifiers, card amplifiers, or other modules that generate heat. Using the OD-GP will permit airflow across these modules to aid in heat dissipation. A single grill plate is included with each OG-GP.

Remote System Enclosures

The Models REMBOX2 and REMBOX4 are FireFinder XLS system enclosures that are used for remotely mounting inner door modules like the PMI interface, switch modules, Model LVM live voice modules, and Model FMT firefighters master telephone modules. They are thinner than the regular CAB enclosures (just 5" deep overall) and are perfect for mounting in places where space is limited (like lobbies or behind a receptionist's desk). Due to their smaller depth, no card cages, power supplies or bulk amplifiers can be mounted in a REMBOX. However, the PMI and modules such as the RNI remote network interface module, the OCM-16 output control module, and the SIM-16 supervised input module can be mounted in a REMBOX. Due to the depth of the live voice module and the firefighters master telephone, no OCM-16s or SIM-16s can be used simultaneously with the LVM or the FMT. Both the REMBOX2 and the REMBOX4 are designed for flush mounting with no trim kit required. Both enclosures also come with a clear lens plate on the cover.

REMBOX2 Two Module Remote Enclosure

REMBOX2Two Module Remote Enclosure

The REMBOX2 has two inner door module spaces, and can hold a single PMI, up to two switch module brackets, one LVM live voice module. Combinations are also allowed. The REMBOX2 can also mount a single RNI remote network interface on a bracket included in the

backbox. A bracket called the REMBOX2-MP can be used to mount up to four OCM-16 output control modules or SIM-16 supervised input modules. The REMBOX2-MP must be purchased separately. Approximate size of the REMBOX2 is 14-1/2" wide, 18-1/2" high and 5" deep.

REMBOX4 Four Module Remote Enclosure

REMBOX4 Four Module Remote Enclosure

The REMBOX4 has space for mounting four inner door modules. Any combination of PMIs (two module spaces), switch module brackets, LVMs or FMTs (one module space each) can be used. Unused module spaces can be covered with Model ID-SP blank plates.The REMBOX4 can also mount a single RNI remote network interface on a bracket included in the backbox. A bracket called the REMBOX4-MP can be used to mount up to eight OCM-16 output control modules or SIM-16 supervised input modules. The REMBOX4-MP must be purchased separately. Approximate size of the REMBOX4 is 24" wide, 18-1/2" high and 5" deep.

NCC-G - Network Color Graphics

NCC-G - Network Color Graphics

NCC-G is a PC based color graphics command center designed for use with the XNET network and provides full control and annunciation for a XNET network of up to 63 XLS, MXL-IQ or MXL systems. The NCC-G is used to monitor and control alarms, troubles, security, supervisory and all system events from one of many XLS systems. The NCC-G maintains an extensive history log of all system events and has extensive report generation capabilities. User programmable function buttons allow site specific control functions. Multiple NCC-Gs may be connected to XNET network. Each NCC-G ordered separately.

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Ordering Information

Model Number	Description	Part Number
PMI	Operator Interface/ System CPU	500-033070
DLC	Device Loop Card	500-033090
PMI-INT	Operator Interface/ System CPU with Multilingual Overlays	500-034160
ZIC-4A	4 Circuit Zone Indicating Card	500-033050
ZIC-8B	8 Circuit Zone Indicating Card	500-648670
ZIC-2C	2 CHANNEL ADAPTER CARD FOR ZIC-8B	500-648671
HLIM	Line Isolator Module	500-033170
HCP	INTELLIGENT CONTROL POINT	500-034860
NIC-C	Network Interface Card	500-033240
CRC-6	Controllable Relay Card	500-033250
SIM-16	Supervised Input Module	500-034060
CDC-4	Conventional Detector Card	500-034200
PSC-12	Power Supply & Battery Charger 12A @ 24VDC	500-033340
PSX-12	Power Supply Extender 12A @ 24VDC	500-034120
PTB	PowerTermination Board	500-033390
AC-ADPT	Technician Laptop Power Connector	500-633992
CC-5	Card Cage-5 Slots	500-633037
CC-2	Card Cage-2 Slots	500-633440
RNI	Remote Network Interface Module	500-033420
RPM	Remote Printer Module	500-033270
PAL-1	UL Listed Parallel Printer	500-692407
SSD	System Status Display	500-034740
SSD-C	System Status Display w/control	500-034750
SSD-INT	System Status Display with multilingual overlays	500-034740
SSD-C-INT	System Status Display with control and multilingual overlays	500-034750
SSD-C-REM	System Status Display w/control for remote lobby enclosure	500-634773
MDACT	Multipoint Digital Point Alarm Communication Transmitter	500-699254
DCT-P	Programmer - MDACT	500-699291
MOM2-XMP	Mounting Plate for MOM-2 in FireFinder XLS systems	500-634822
MOM-2	MXL Module Cardcage (1 full shot)	500-892766
XMI	FireFinder XLS-MXL Interface Card	500-034870
SCM-8	Switch Module (8 Switches)	500-033040
LCM-8	LED Annunciator Module (8 LED Sets)	500-033100
FCM-6	Fan Control Module Switches (On-Off-Auto)	500-033140
ID-MP	Inner Door Mounting Plate (Accepts up to 4 Modules)	500-633027
CSB	CAN Sounder Board	500-033130
CCL	CAN-CABLE-Long 30 in. 6-Conductor	599-634214
CAB1	Complete single row black cabinet	500-633007
CAB1R	Complete single row red cabinet	500-633728
CAB2	Complete two-row black cabinet with back box, inner door, outer door, two CAB-MP mounting plates and one OD-LP lens plate	599-633762
CAB2R	Complete two-row red cabinet	599-633763
CAB2-BB	Two-row black back box	500-633009
CAB2-RB	Two-row red back box	500-634941

Model Number	Description	
CAB2-BD	Two-row black inner & outer doc	
CAB2-RD	Two-row red inner & outer door s	
CAB3	Complete three-row black cabin inner door, outer door, three CAB plates and one OD-LP lens plate	
CAB3R	Complete three-row red cabinet	
CAB3-BB	Three-row black back box	500-633011
CAB3-RB	Three-row red back box	500-634942
CAB3-BD	Three-row black inner & outer door set	500-633010
CAB3-RD	Three-row red inner & outer door set	500-633757
CAB1-TK	Single row cabinet black trim kit	500-633013
CAB1R-TK	Single row cabinet red trim kit	500-633729
CAB2-TK	Two-row cabinet black trim kit	500-633014
CAB2R-TK	Two-row cabinet red trim kit	500-633753
CAB3-TK	Three-row cabinet black trim kit	500-633015
CAB3R-TK	Three-row cabinet red trim kit	500-633754
CAB2-X	Complete CAB2 with transponder door (no inner door)	599-034252
CAB2-XBD	CAB2 transponder door	500-633768
CAB3-X	Complete CAB3 with transponder door (no inner door)	599-034253
CAB3-XBD	CAB3 transponder door	500-633769
CAB2-XRD	LARGE ENCLOSURE TRANSPONDER DOOR - RED MOUNTS TO CAB2-RB	500-633792
CAB3-XRD	LARGE ENCLOSURE TRANSPONDER DOOR - RED MOUNTS TO CAB3-RB	500-633793
CAB-MP	Back box module mounting plate	500-633012
ID-MP	Inner door module mounting plate (four per package)	500-633027
ID-SP	Inner door single module blank plate (two per package)	500-633028
ID-FP	Inner door four module blank plate	500-633029
BCM	Blank control module plate (four per package)	500-033320
OD-LP	Outer door lens plate	500-633016
OD-BP	Outer door blank plate	500-633017
OD-BP-R	Outer door red blank plate	500-634919
OD-GP	Outer door grill plate	500-633018
OD-GP-R	Outer door red grill plate	500-634920
REMBOX2	Two module black remote box lobby enclosure	500-633772
REMBOX2-MP	Mounting plate for OCM-16, SIM-16 in a REMBOX2	500-364211
REMBOX4	Four module black remote box lobby enclosure	500-633914
REMBOX4-MP	Mounting plate for OCM-16, SIM-16 in a REMBOX2	500-634212
TSP-40A	Thermal Strip Printer	500-634933
TSP-XB	Brackets for Thermal Strip Printer	500-849949
TSP-XC	Cables forThermal Strip Printer	500-849950
CCU/M	Alphanumeric Pager Interface Module	500-895330
D2300-MP	Mounting Plate for CCU/M and Fiber Module	500-634758
GPMI-UK	Software Upgrade Kit for PMI to Allow Global Functionality	500-650066
	PMI and GPMI-UK	599-050092

RESURGAM CITY OF PORTLAND, MAINE
Reviewed for Code Compliance
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