MA3000 Control

FEATURES

CONTROL PANEL

- 8 E.O.L Supervised, Programmable Zones for Burglary, 2- or 4- Wire Fire/Commercial Fire or Panic
- Expandability to 96 Zones with use of EZM multiplex modules or keypad zones
- Programmable Relay Outputs (1 for pulse) for: bell, access control, fire reset, etc.
- Up to 96 Zones programmable for fire and "alarm verification by zone"
- 800 Event History Log with Real Time Clock
- Log can be sorted for printing or displayed at keypad by 4 different categories.
- O/C, system troubles, alarm, fire
- Keypad Recall of Events in History Log
- Up to 8 Programmable Areas/Partitions with Keypad Management Mode
- 96 individually-reporting User Codes w/4 programmable security levels each
- Secured Bypass Option-disallows bypassing by other than authorized users (based on security level)
- Two Separate Interior Bypass Options per area
- Auto Arm/Auto Disarm - Auto arming/disarming at a predesignated time with holiday scheduling
- Manual Auto Arm - Enables delayed arming of system or area(s) by 1,2,3 or 4 hours
- 255 Event Schedule, Programmable for 296 types of events including: test timer, remote relay enable/disable, auto arm/disarm service reminder message, log down load, and download at pre-designated increments of events
- On Board Supervised Printer Output -Capability to print log as events occur, or as selected, i.e., open/closes, or in entirety per programmed schedule or with keypad
- Programmable Log Download By Time and Volumes (600 -750)
- Audible EZM Zone Locator
- Programmable E.O.L. Resistor by zone
- Diagnostics Mode
- Dynamic Battery Test (4 hr. intervals)
- Sensor Watch - Checks for sensor activity over selectable time duration
- Exit/Entry Follower Zones
- Chime-by-Zone-Selectable Duration
- Swinger Shutdown by Zone
- Disable by Zone Feature
- Separate Dealer, User Program and Download Codes
- Flexible Watch Modes by Area
- Fire verification by zone
- Auto Bypass, Interior Bypass, and Selectable Bypass
- 2 Separately Programmable Entry Delay Times; programmable Exit Delay Time
- 8 Stages of Lightning/RFI Protection
- "True" Dual Line Telco Cut Detection
- 24-hour protection programmable for all zones
- Fail to communicate indicated at command centers

- Armed Output
- Low Battery Output
- Resumes Previous Status After Power Outages
- *"Program Change Alert"* to CS -supervises integrity of original program

COMMUNICATOR

- Transmits in all Major Formats, Including High Speed Modem Formats: SIA MODEM 2, POINT ID, 4/3/1
- Pager/Beeper Compatibility
- DPDT line seizure
- 4 Telephone numbers with subscriber ID numbers assignable by area
- Open/Close Suppression for Reduced Central Station Traffic
- Fail-to-Close Reporting and Fail-to-Open Reporting with Auto Open (Disarm)/Close (Arm)
- Telco Line Monitoring for Phone Line(s) with Programmable Testing Time(s) (2nd Line Provided by CF5530 Commercial Fire Module)
- Digital Dialer Test to Central Station from Keypad
- Optional Reporting of Bypassed Zones
- Reports Sensor Watch "Troubles"
- Ability to Dial Touch Tone digit labeled ("*"key) to disable "Call Waiting" for the duration of the call (not usable in all areas)
- Open report after alarm
- Split, double and back-up reporting
- Conditional closing report with status
- Alarm and restore codes: on fire, fire trouble, low battery and AC loss

KEYPADS

- RP3000LCDe - Backlit Dual-Line LCD Custom Language Display (WHITE)
- CF3000LCDe Fire Marshall Version (RED)
- Each Keypad Incorporates Built-in EZM for Four Additional, Fully-Programmable E.O.L.R. Multiplexed Zones
- Auto Scroll-Display of Open Zone(s)
- System Supports up to 15 Keypads, Providing a Total of up to 60 Additional Zones
- Fully-Supervised with Tamper Feature
- Each Keypad Includes 4 Independent, Selectable Panics: Ambush, Fire, Auxiliary, Panic
- Built-in Telephone List: Four Programmable Emergency Phone Numbers
- Keypad Recall of Events in History Log
- Total or Selective History Log Print Commands at Keypad
- Manual Auto Arm - Provides Delayed Arming of System or Area(s) by 1 through 4 hours
- Overview/Management Mode Codes Enable Viewing of Status of Entire System or Each Area, and Provides Complete System Control Simply from a Keypad
- Complete Alphanumeric Zone Directory
- Backlit, Touch-Tone Full-Size Keys Brighten When Touched

- Up to 96 Multi-level User Codes Changeable by Authorized Users
- AC Fail Indication
- Diagnostic Modes Include: Fault Find, Locate & EZM Audible Zone-Locate

SPECIFICATIONS

Input Power-16.5 VAC, Class 2 Plug in TRF11 40VA Transformer or TRF14 50VA Transformer

Loop Resistance-300 ohms max.; 50 ohms for 2-wire

Relay Outputs-Burglary Output -12Vdc,1.2A max., Fire Output-SPDT wet contacts 12Vdc, 2A, Reset and Aux. Relays-Resistive(cut for dry contacts)

Combined Standby Current-(Remote EZMpower + Auxiliary Output) (Household Burg/Fire and Commercial Burg) With TRF14 50VA Transformer: 0.9A with RBAT-6 Battery: 1.15A with 2 RBAT-4 Batteries (Commercial Fire) With TRF14 50VA Transformer: 0.5A with 3 RBAT-4 Batteries at max. bell output 1.2A (Requires PS3000 for 2.0A Bells)

SYSTEM COMPONENTS

MA3000LKDL -12V UL Commercial/Residential Burg/Fire/Access Control/Communicator with TRF14 Transformer supplied.

H1518 UL Commercial/Merchantile Locking metal cabinet with 16VAC/50VA Transformer supplied.

CB1518KIT Commercial Burglary Kit (for H1518 Housing) w/attack-resistant shielding partitions plus tamper switches

H1214 Standard UL Household Listed metal panel enclosure

RP3000LCDe Designer Backlit Dual Line Alphanumeric Display Command Center. Built-in 4 Zone EZM Expansion Module, etc. (WHITE)

CF3000LCDe Fire-Dedicated Model Dual Line Keypad with signal shutdown and system restoral functions, etc. (RED)

EZM3008 8-Zone Expansion Module

CF5530 Supervised Dual Phone Line Switcher Module for Commercial Fire

RM/RB3008 Relay Board Provides 8 Programmable Form "C" Relay Outputs

PS3000 Heavy-Duty Power-Supply Module, l2Vdc, 4A for Commercial Use

MAV-15 Two-Way Voice/Listen-In Module.

RPB-3 Surface Mount Back Box w/ tamper for mounting Command Centers on concrete or tile (WHITE)

RPB-3RED SurfaceMount Back Box w/ tamper for mounting keypads on concrete or tile(RED)

TRF14 Transformer, l6Vac/50VA, Class 2

TRF15 Transformer, 18Vac/100VA, Class 2, in separate enclosure.

PCBL Parallel Printer Cable

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