

# EXIT DELAY SYSTEMS

*Configure A Flexible, Modular, UL Listed Exit Control System That Exceeds All Code Requirements!*

*System components sold separately.*



## EXD OVERVIEW

Exit delay systems secure exterior doors electronically while permitting routine, delayed egress from within. They fully comply with **NFPA Life Safety Code 101** and all US/Canada model codes. A standard 15 or 30 second delay is offered, providing sufficient time for alerting personnel to a breach of safety or security.

## COMMON APPLICATIONS

Exit delay systems are used to fight **risk of loss by theft**. Typical installation sites include retail stores, museums, libraries, computer and business technology centers. Without exit delay protection, a thief can move stolen goods through a nearby exit door, escaping undetected before countermeasures are taken. But exit delay forces a thief to wait by the door, enduring a 15 or 30 second alarm blast, sufficient time for his apprehension.

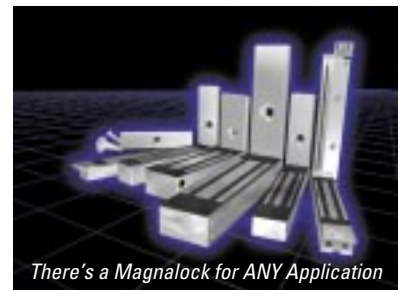
**Hospitals and nursing homes** responsible for patient safety employ exit delay in denying egress to individuals under their supervision. Attempts at unauthorized exit by those suffering Alzheimer's, psychosis or disorientation are easily checked by an exit delay period, canceling significant liability threat from patient endangerment.

Securtron exit delay systems are **compatible** with all **access control equipment**, and include powerful door control features that exceed code minimums, rendering unparalleled levels of security, safety

and utility. These **modular** systems incorporate individually selected components suited to both physical and functional installation requirements.

## BUILT AROUND THE INCOMPARABLE MAGNALOCK® FAMILY

Securtron's MAGNALOCK®, the world's finest electromagnetic lock, is the core component of our exit delay systems. **Magnalocks secure doors with electromagnetic power that defies attempts at forced entry.** And with nothing to jam, no-moving-parts reliability produces constant perfect release. Choose from the full range of Magnalock models 32, 62 or 82, 34, 34R and SAM the Shear Aligning Magnalock, and select options designed to meet specific installation or application demands. Be sure to consider **Senstat**, our patented lock sensing capability that reports a Magnalock's secure status to the control system.



*There's a Magnalock for ANY Application*

### THE INITIATION DEVICE: KEY TO SYSTEM ACTIVATION

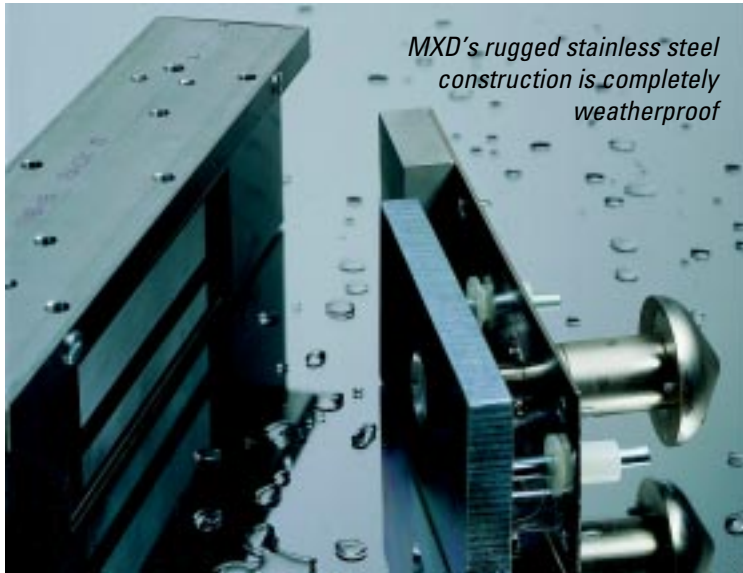
Securitron offers a range of devices to initiate exit delay. To select one that's appropriate, first determine if your system will include electronic access control.

### MXD: INNOVATIVE DOOR MOVEMENT EXIT DELAY



Fully installed MXD  
(Closer not included)

When access control is not required, we recommend our patented MXD door movement exit delay package. The MXD's attractive stainless steel housing conceals proximity sensing switches together with any standard Magnalock (sold separately). Initiation occurs when the door is pushed roughly an inch—permitted by MXD's exclusive spring-loaded sex bolt—but the door still remains locked. **MXD installation requires no alteration or replacement of existing fire rated or non-fire rated latching hardware.** Best of all, false triggering is eliminated by the ample 1 inch door movement. And fully sealed construction makes the MXD virtually tamper proof!



MXD's rugged stainless steel construction is completely weatherproof



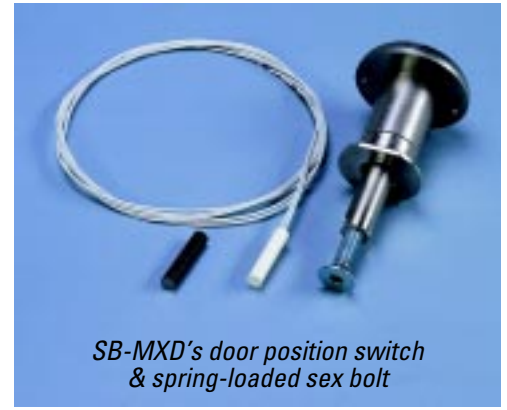
MXD's tamper proof housing & concealed proximity switching



MXD's unique spring-loaded sex bolt allows 1" movement

### SB-MXD: COMPACT DOOR MOVEMENT EXIT DELAY

For applications where threat of tampering is a minor concern, we suggest the SB-MXD, combining our unique spring-loaded sex bolt with a separately mounted, concealed door position switch for system initiation. The inconspicuous SB-MXD also consumes less door frame space.



SB-MXD's door position switch & spring-loaded sex bolt

### LM SERIES LATCH MONITOR



LMD series latch monitor

Where mortise hardware is present, wiring to the strike is accessible and tampering is a minor concern, we offer the LM series latch monitor for initiation. The latch monitor mounts behind the strike in the jamb and initiates delay by **detecting latch withdrawal** during an exit attempt.

### THE AMAZING TOUCH SENSE BAR

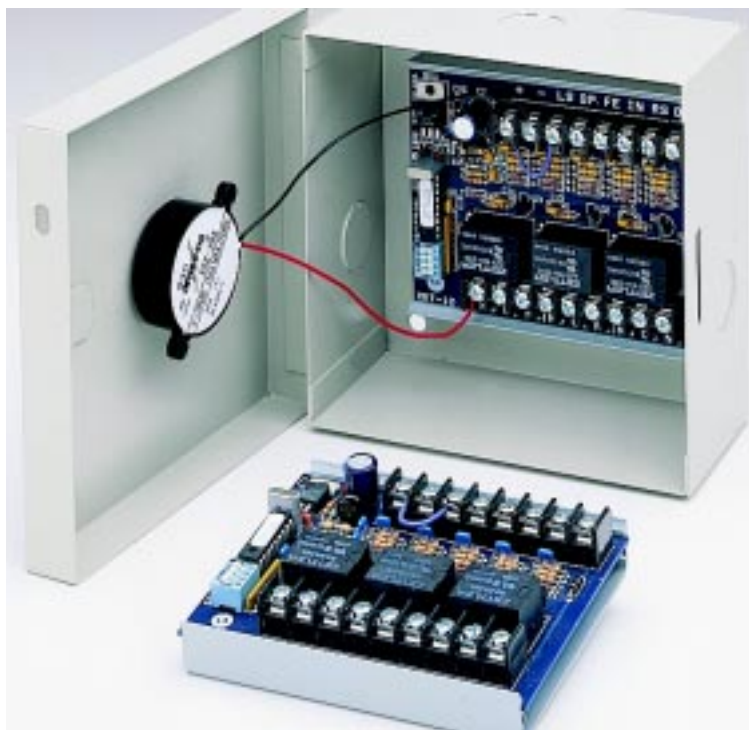


Model TSB-3 series

When an application includes electronic access control on any magnetically locked, non-fire rated door where latching is not required by code, we recommend Securitron's Touch Sense Bar, model TSB-3. The TSB-3 operates electronically by **detecting touch—even through gloves**—and includes a redundant, manual backup button switch for added safety. The TSB-3 features a sleek, clear or black aluminum finish, and the reliability of no moving parts.

For fire rated doors, we employ switch equipped panic bars with appropriate entry trim. Mortise, vertical rod or rim latching is available, as are a variety of finishes.

## EXIT DELAY LOGIC TIMERS XDT-12, XDT-24 and FA-XDT



*Model XDT series showing BA enclosure*

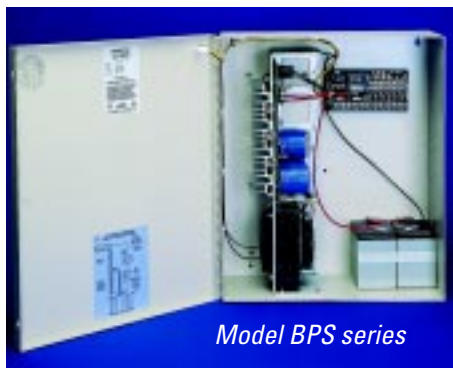
The brains of Securitron exit delay systems are dependable XDT logic timers, available in 12 or 24 volt versions. These microprocessor-based timers have selectable operating modes to comply with any **exit delay building code rules** mandated by NFPA, UBC, BOCA, SBC or the National Building Code of Canada.

Exit delay operation is defined as an attempt to open a door by pushing the exit hardware, triggering a local alarm and **nuisance delay** of 0, 1, 2, or 3 seconds. If the exit attempt is terminated before the nuisance delay expires, the alarm stops and event concludes. If the attempt persists beyond the nuisance delay period, an **irrevocable release delay** period of 15 or 30 seconds will begin, after which the door will release, and **remain released until reset** by an external switch. If the fire alarm activates, all doors release immediately.

Code stipulations vary, but **XDT logic timers meet all requirements**, including the BOCA 30 second relock function. Nuisance delay and release times are **digitally set** on XDT models via precise dip switches, far superior to analog pots. XDT boards are supplied alone or enclosure mounted with Sonalerts. The BA-XDT is a surface mount box. The FA-XDT is a flush mount plate, and the FAK-XDT adds a keyswitch on the plate.

## TWELVE DURABLE BPS POWER SUPPLY MODELS

Power exit delay systems with solid BPS series power supplies,



renowned for lasting performance. **All facility doors should operate from a single power supply** located near the fire alarm system, to meet the code requirement that power is cut to all doors during a fire alarm event.

BPS power supplies are available in 12 or 24 volts DC, with capacities

of 1—15 amps at 12 volts, or 1—10 amps at 24 volts. **All models are compatible with battery backup** packs for seamless, automatic operation during power interruption, where codes allow.

## QUALITY RESET KEYSWITCHES

*Model MK Series*



Most codes require a re-set—or relock—keyswitch at the door. Securitron's sturdy MK keyswitch provides smooth quick-switching action, and is **compatible with existing facility keying**. Furnished without a cylinder, the MK will **accept any 1-1/4" or 1-1/8" mortise cylinder**. Optionally, the MK can **include a second switch** to perform authorized, non-alarmed exit by a simple key turn in the opposite direction, which releases the door for 5 seconds. The MK is supplied on a single gang or narrow stile plate and includes a bi-color LED.

At the user's option, a normally closed door switch can be used for reset. The use of a door switch can meet a specific code requirement or achieve automatic relocking when the door is used.

## LOCK CONTROL PANELS FOR REMOTE MONITORING

*Model LCP Series*



Securitron LCP lock control panels provide optimum central door control and monitoring of our exit delay systems, are **UL listed** as system components, and can be ordered with **any number of zones configured in multiples of 4**. Choose from an executive desk panel with walnut sides; or functional wall, flush or rack mounted enclosures. If an application doesn't require a lock control panel, remote exit delay monitoring can still be accomplished by conventional alarm panels through XDT logic timer signaling via dry contacts.

Because Lock Control Panels are specially ordered and custom manufactured, MagnaCare coverage cannot apply. But LCPs are covered by a standard 2 year warranty on electronics.

## ALARM & BYPASS FUNCTIONS

Exit delay systems provide comprehensive monitoring of door conditions. Two separate SPDT relays on the XDT board indicate system status at all times.

**A local alarm relay** pulses during the nuisance delay, and then operates continually through the release delay. When a door releases at the end of the release delay period, this relay resets automatically.

**A remote alarm relay** operates from nuisance delay termination

until the door is relocked. This second relay also features **power sensing** to detect a failed XDT board, or reduction of input voltage below 70% of nominal.

A Senstat Magnalock can report to the XDT logic timer's **lock status input** and operate the remote alarm relay whenever the Magnalock is not registering secure. A 5 second delay starts prior to signaling, so a door authorized for release is allowed to swing shut. The lock status input can also connect to an independent door switch.

Integration with access control is simplified by the XDT's **bypass input capability**. When an external keyswitch, digital keypad or card reader closes on this input, the door is released 5 seconds for authorized entry or exit without alarm.

**MULTI-MODE OPERATION**

Many applications require that an exit delay is functional only during specific parts of the day, or week. The **XDT logic timer provides connections for a time clock or manual switch** to alter the exit control operation of a door. Alternative control functions from standard exit delay are:

- Door fully released
- Door secured from the exterior but immediate, non-alarmed egress available from the interior
- Door locked down—no entry or exit
- Magnalock won't release at the end of the release delay period, but remains energized until the exit device is pressed for immediate exit—a variation providing enhanced exterior security, while meeting egress safety code requirements.

**Multi-Mode capability** is yet another example of the power and scope in Securitron's approach to state of the art smart security—beyond code minimums, reaching the **ultimate in safety and reliability**.

**ORDERING INFORMATION**

Individual components are sold separately, and should be selected from Securitron's price list.

**Model 32, 34, 62, 82 or SAM Series Magnalocks**

Double doors will require 2 locks. Please note: Model 82 will not operate with an MXD initiation system; but will operate with an SB-MXD initiation system.

**MXD Door Movement Initiation Package**

Select MXD-32 or MXD-62 in correlation to the Magnalock utilized. SAM or 34 cannot be used with MXD OR SB-MXD Initiation.

**Latch Monitor Initiation Device**

Select LMS-1 for a 2 3/4" ANSI strike; or LML-1 for a 4 7/8" ANSI strike.

**TSB-3 Series Touch Sense Bar**

Application on non-fire rated doors only. Double doors will require 2 bars. Please contact the factory for fire rated exit products.

**XDT Series Timer**

Request BA-XDT for enclosed timer with Sonalert. FA-XDT for flush mounted plate. FAK-XDT incorporates a keyswitch. EXD-1L is a door warning sign, supplied with BA-XDT, not with XDT.

**MK Series Keyswitch**

Please contact the factory if a door position switch is required.

**BPS Series Power Supplies**

Determine correct power supply capacity to operate all facility doors.

**System Options**

Please contact the factory for authorized entry/exit controls and LCP lock control panel configurations.

**Certifications**

UL Listed: #SA6635; Underwriters Laboratories of Canada: CMS140 & SA6635; NYC MEA: 251-95E & 254-95E; California State Fire Marshall: 3774-0923-102

Part Number	Description	Price
XDT-12	Exit Delay Timer 12VDC	\$120.00
XDT-24	Exit Delay Timer 24VDC	\$120.00
BA-XDT-12	Exit Delay Timer In Box W/ Key & Sonalert - 12VDC	\$200.00
BA-XDT-24	Exit Delay Timer In Box W/ Key & Sonalert - 24VDC	\$200.00
FA-XDT-12	Exit Delay Timer Flush Mt w/Audible+Door Label 12VDC	\$200.00
FA-XDT-24	Exit Delay Timer Flush Mt w/Audible+Door Label 24VDC	\$200.00
MXD-32	Exit Delay Initiate Door Movement Model 32 Series	\$280.00
MXD-62	Exit Delay Initiate Door Movement Model 62 Series	\$280.00
SB-MXD	Door Movement Sex Bolt Kit	\$150.00
EXD-1L	Label & Docs. For EXD-1	\$20.00



**DON'T JUST BELIEVE US...**

...when we say that the MAGNALOCK® is the world's finest electromagnetic lock. Believe professionals who use it. Securitron's MAGNALOCK® has won every preference survey conducted by *Security*, *SDM* and *Access Control* magazine since the surveys began back in 1987. It's won because of unique features like auto-switching dual voltage, ultra-low power consumption, instant release with no sticking, and a fully-sealed, weatherproof, stainless steel case. And the MAGNALOCK® has three U.S. Patents in force!

When you choose the MAGNALOCK®, you get far more than superior security. You get Securitron's world famous technical support service over toll free 1-800-MAGLOCK lines, and MAGNACARE™ Lifetime Replacement too, the industry's best warranty you'll never need.

**MAGNACARE™**  
LIFETIME REPLACEMENT WARRANTY

AND REMEMBER, IF THERE'S EVER ANY KIND OF PROBLEM, MAGNACARE™ REPLACEMENT MEANS NO COST, NO QUESTIONS, NO WAITING and FREE OVERNIGHT DELIVERY. BEAT THAT!!!

**SECURITRON**  
STATE OF THE ART SMART!

www.securitron.com