



# 7101 DELAYED EGRESS CONTROLLER

**NFPA 101 / BOCA  
Code Compatible**

**15 or 30 Second  
Egress Delay**

**Built-In Keypad  
Access Control**

**Anti-Tailgate  
Re-Locking**

**Programmable  
Clock/Calendar**

**Selectable Volume  
Control**



## **EDR System 101**

A complete system includes the controller, power supply, lock, door position switch and an egress activation device.

## **Conforms to All Life Safety Codes**

The 7101 Delayed Egress System performs all functions required by NFPA-101 life safety code.

## **Programmable Clock /Calendar**

Door armed and door unlocked intervals can be scheduled by time of day and by the day of the week. Programmable arm and disarm intervals allow unique week day and weekend schedules or total lock down 24 hours per day, seven days a week.

## **Built-In Nuisance Delay**

The three second nuisance delay prevents inadvertent alarming of the door. After three seconds of continuous activation, the *EDR System 101* controller enters an irreversible unlock sequence. An audible warning is activated as the countdown begins.

Unlocking occurs in 15 or 30 seconds which is a programmable selection on the controller

## **Authorized Access/Escort Egress**

A delay override feature allows an authorized individual immediate access without alarm using the onboard keypad. The controller contains an input for a remote keypad or other secure device such as a Key switch or Card reader which may be incorporated for after hours access.

## **Automatic Anti-Tailgate Re-Lock**

The door status switch monitors door position in both the armed and disarmed states. This allows the immediate re-lock and rearming of the door after an authorized passage during an armed time schedule.

## **Remote Monitoring and Control**

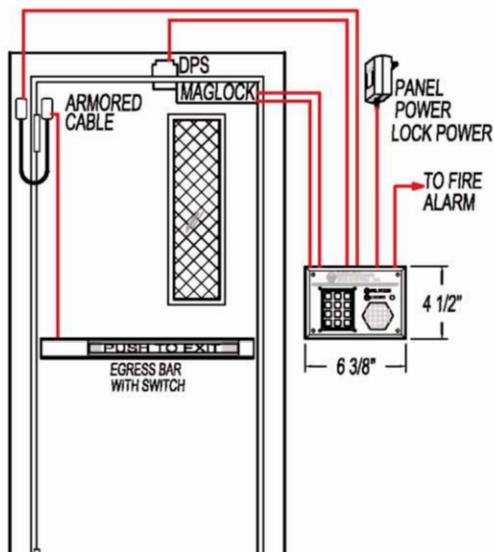
Door release and alarm shunt capability from a remote guard station is possible when used with the 7600 Series Annunciator/Controller. Relay outputs are provided for electric locks, auxiliary alarms, and to allow integration with any card access control, CCTV monitoring system, or other security control devices.

## **Adjustable Volume Control**

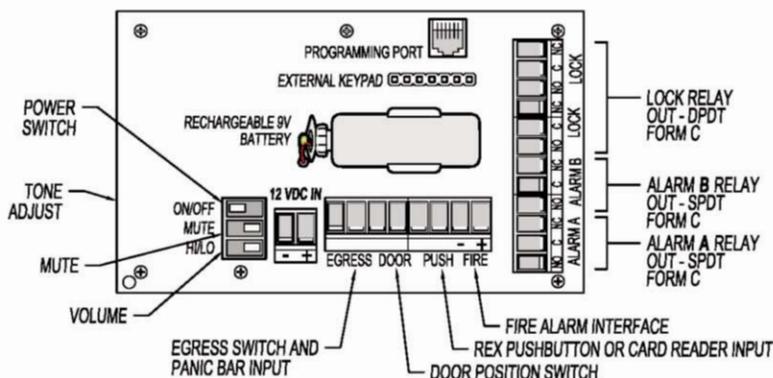
Settings are selectable on the back of the panel to control the volume level. HI, LO or Mute can be easily selected via switch position.



# 7101 SERIES DELAYED EGRESS SYSTEM



EDR-SYSTEM 101: PANEL CONNECTIONS



## EDR 101 Operation

When armed, the EDR 101 panel is activated in one of 2 ways. One utilizing a door mounted egress bar with internal activating switch; (#6420xS25). The other by utilizing the attempted egress switch option which is a component mounted on the maglock; (XEDR). Applying a continual pressure of 15 pounds or more on the emergency egress bar (#6420xS25) or pushing directly door (XEDR) for three seconds begins the sequence. The 3 second period is a nuisance delay to prevent an accidental alarm if someone were to bump into the door inadvertently. Once activated, the alarm will sound and the red LED will flash until the system is manually reset by entering the designated code using the keypad.

If stairwell doors with mechanical latching exit hardware are to be locked and alarmed, magnetic locks with the (xEDR Lock Option) should be installed.

## EDR System: 101 Components

**EDR System101 Control Panel** - This 3-gang panel with keypad, LEDs, and-sounder is typically mounted, adjacent to the door on the secured side. The stainless steel panel can be recessed flush or installed using the beige surface box.

**#4012 (EDR) Power Supply** - 12 volt DC 1 amp plug-in power supply (included with each EDR 101 controller above).

**#1107xEDR-** 600 lb. magnetic lock with onboard Door Position Switch & Attempted Egress Switch.

**#1110xEDR-** 1200 lb. magnetic lock with onboard Door Position Switch & Attempted Egress Switch.

## For Egress bar Activation

**#6420xS25-** Egress Bar - Attempted exit device with DPDT switch. (1 Required for each door leaf to activate alarm and release lock for an emergency exit).

**#6220-** Door Cord - Armored door cord with 4 conductor 22 ga. wire (one required for each egress bar above)

**#1107xD-** 600 lb. magnetic lock with built-in door position switch. (One lock and door switch is required for each door leaf).

## Unique Access/Escort Codes

The master and secondary codes are field programmable to limit door unlocking to authorized personnel only. The secondary access code may be changed at any time without affecting the master code users.

## Alarm/Access Control Integration

The EDR System: 101 can be monitored and/or controlled by any alarm system. As mandated by code, the fire alarm input on the controller will unlock the door by signal from the fire alarm panel. An authorized access/shunt input allows integration to an access control system for utilizing card access.

Timed relay outputs allow monitoring of the panel status, as armed or disarmed by time schedule or authorized access/shunt. The alarm relay outputs can be utilized to activate a sounding device, CCTV camera or to signal an access control system of an alarm condition.

## Optional Equipment

- #7101-KP Auxiliary Keypad
- #7200 Series Remote Sounder
- #7600 Series Annunciator
- #5140 Series Mortise Key Switch
- #5210 Series Push Button Station