

7600 ANNUNCIATOR / CONTROLLER

**Monitor/Control
4 to 100+ Zones**

**Delayed Egress
Compatible**

**Forced Door
Annunciation**

**System Status
Indicator LEDs**

**Key Enabled
Guard Function**

**Console Alarm
Acknowledge**



Remote Monitoring and Control

The 7600 Series Annunciator/Control System can handle over 100 zones. Standard panels are offered in four and eight zone configurations. Consoles are expandable in four zone increments. Custom panels are available for console or rack mounting.

Tri-state LED Indicators

The complete state of each zone is indicated by individual tri-state LEDs. Each zone LED will reflect the following conditions:
SECURE - Door closed and locked
SHUNTED - Door closed and unlocked
ACCESS - Door open authorized access
ALARM - Door forced or held open
ACKNOWLEDGED - Acknowledged alarm

Remote Door Release

Individual doors may be remotely unlocked to allow momentary access or an extended free access condition. Door position (open/closed) is indicated in this by-pass mode.

Delayed Egress Compatible

This annunciator/controller is compatible with most NFPA compliant delayed egress systems. When used with the Dortronic Systems EDR System: 101, the condition of all exit doors is displayed on the console panel. Any remote door can be released for free passage from the control panel. Unauthorized exit attempts are reported on the annunciator as alarms.

Authorized Remote Access Monitored

Valid ingress or egress may be authorized through an independent access control system or by manual station control hardware such as a key switch or keypad. These activities are reported as authorized access on the console.

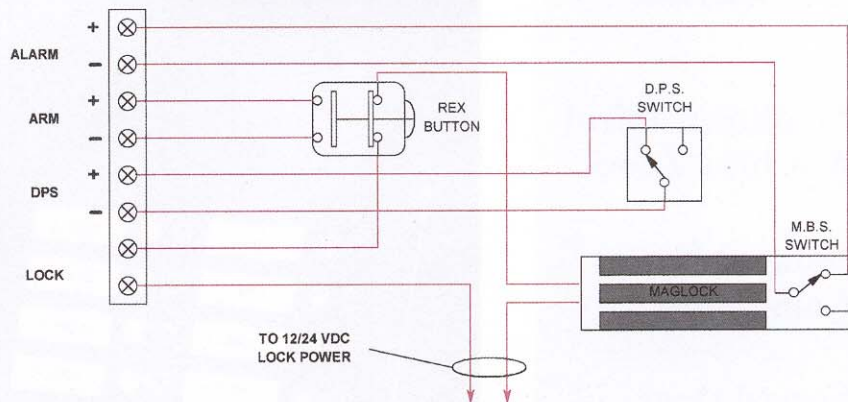
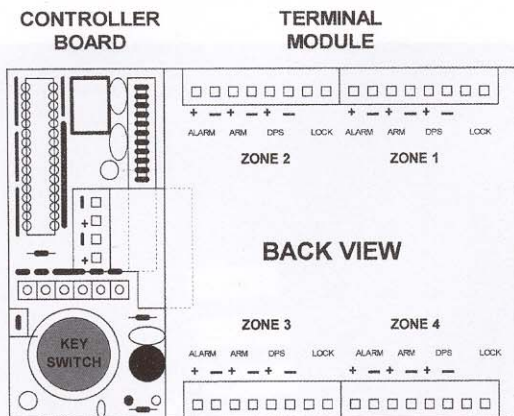
Selectable Override Authority

Door release and zone alarm shunt capability may be limited to only authorized supervisors through the key switch. Alarms can be monitored and individually acknowledged from the panel by any operator without the supervisor key.



7600 SERIES ANNUNCIATOR / CONTROLLER

7600 SERIES TYPICAL ZONE HOOK-UP DIAGRAM



Annunciator/Controllers

- 7604-H - Four Zone Hardwired on three gang panel
- 7608-H - Eight Zone Hardwired on four gang panel
- 7600-H - Custom Hardwired Panel
Flush or 19" Rack Mounting

Slave Annunciator/Control Panel

Additional slave annunciator/controllers are available for custom configurations.

Zone Inputs

- Door Position Switch - Normally closed
- Armed/Disarmed - Normally open.
- Alarm/Tamper - Normally closed.

Zone Outputs

- Authorized Unlock - SPDT relay

Power Requirements

12 Volts DC. Less than one amp needed for four or eight zone panels.

Functionality

- Main Control LED - Indicates power on and status of communication lines.
- Key Switch - Four position
 - Normal - Total monitor & control
 - Restricted - View & acknowledge
 - Test/Reset - Lamp test & reset
 - Silence - Alarm sounder off
- Sounder - Piezo alarm alert (Silenced by acknowledgment of alarm by zone toggle or master control key/toggle switch)
- Zone Toggle - Two position switch
 - Normal - Lock on/Alarm enabled
 - By-pass - Lock off/Alarm shunted
- Zone LED - Tri-state steady/flashing
 - Green = Door closed & locked
 - Yellow = Door closed & unlocked
 - Yellow Flash = Authorized access
 - Red = Alarm state acknowledged
 - Red Flash = Alarm condition (Zone alarm unacknowledged)
- Latching Alarm LED and Alarm Sounder will latch upon an alert condition until the zone in alarm is acknowledged and field devices are returned to a secured condition.

Typical Operation

All LEDs are steady green when a zone is secure. Zone toggles in the "secure" position will allow low voltage electric locks to be energized by dry contacts in the console.

Opening any secured door will cause the LED for that zone to flash red and the alert sounder to be activated. Alarms are acknowledged by placing the zone toggle into the by-pass position momentarily, which silences the alert sounder. If the alarm condition still exists, the LED will be steady red. Restoration of the field device to normal condition returns the LED to steady green.

Any zone may be shunted or any door unlocked by placing the zone toggle into the by-pass position. A shunted zone is indicated by a steady yellow LED. The authorized opening of any door will cause the LED indicator to flash yellow.

Fail-safe or fail-secure electric locks can be controlled from the console. The key switch can be used to permit only supervisors to unlock doors, while allowing alarms to be monitored and acknowledged by other security guards.

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