

# Top Door Alarm®



Top Door Alarm® is an immediate detection and notification system alerting caregivers of potential acts of self-harm when a door is used as a ligature point.

## **Proactive PRESENCE Detection**

Top Door Alarm® is the only suicide door alarm system in the industry to offer state-of-the-art photoelectric beam detection which detects PRESENCE **before** pressure is ever applied to the door. No longer is a facility required to wait until an actual event is in progress to notify staff for emergency assistance.

## ***Presence Detection Technology***

Protected by specially designed anti-ligature casings, photoelectric beam sensors are strategically positioned to detect the presence of any foreign object interrupting the thru-beam between the transmitter and receiver, and provide maximum door detection on corridor, bathroom or therapy room doors.

### **TOP Door Presence Detection**

Photoelectric beams installed on the door frame header and top door face detect the immediate presence of a foreign object, such as a bed sheet, towel or clothing, when placed over the top of the door.

### **BOTTOM Door Presence Detection**

Photoelectric beams installed on the bottom door edge detect the immediate presence of a foreign object being slid under the door in an attempt to create a ligature point.

### **CUSTOMIZED Detection Solutions**

Top Door Alarm provides customized solutions for both new installations and retrofits.

## ***Alarm Notification***

Top Door Alarm offers multiple audible and visual alarm notifications to alert staff of a pending act of self-harm including:

- Strobe or fixed light at each hallway doorsite.
- Hallway siren.
- Visual and audible room indicator panel located in the nurse's station.



**TOP and BOTTOM door PRESENCE detection**

## Control Panel

Positioned in the nurse's station for constant patient monitoring, Top Door Alarm's control panel is connected to the facility's emergency power supply and supported by an internal battery backup system to ensure patient safety and system integrity in the event of a power failure.

- Capacity – customized design provides coverage for up to 126 doors per control panel.
- Self-Monitoring – built-in features allow the system to continuously verify circuit and power supply integrity.
- Event Logging – records time stamped history of up to 500 events.
- Remote Annunciator – provides a convenient and cost effective solution for multiple nurse stations to interface with one master control panel.
- By-Pass Options – allows a facility to by-pass a single room or group of rooms and continue to maintain system-wide integrity.
- Silent Test Option – allows the facility to test the system without disturbing patients.
- Remote Diagnostics – built-in programming and internal dialer allows for remote diagnostics using a dedicated data line.



**Control Panel**

## Hinge Retrofit

Top Door Alarm accommodates new installations and hinge retrofits including:

- Center Pivot - integrates with non-handed, double acting doors.
- Continuous - replaces existing conventional butt hinges with an electrified heavy duty continuous hinge with hospital tip on both full surface and full mortise applications.



**Remote Annunciator**

## Key Deactivation Switch

Top Door Alarm is designed to allow alarm deactivation at the point of incident.

- Positioned in the wall beside the door jamb.
- Cylinder is keyed by customer for added security.
- System deactivation and reactivation occurs simultaneously



**Key Switch**

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