Alarm & Communication SYSTEMS LIMITED

27 Sedling Road, Wear East Industrial Estate, Washington, NE38 9BZ
Tel: 0191 4178882 - Fax: 0191 4157264
Web: www.alarmcommsys.co.uk - Email: sales@alarmcommsys.co.uk

# SPOTLIGHT ON

## Intruder Alarm Sequential Confirmation

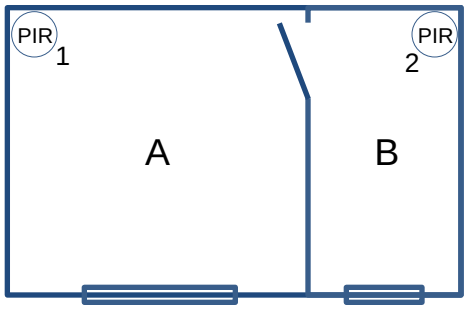
The attendance of Police to false alarms is an ongoing problem in the security industry and reduces the credibility of alarm systems. Sequential Confirmation is the most commonly used method to reduce the number of false alarms that the Police have to attend.

### What is sequential confirmation

Sequential confirmation is a process by which 2 independent alarm devices on a system have to be activated within a time period (commonly 30 minutes) before police notification can be actioned

Take figure 1 for example, if a burglar breaks into Room A via the window, he will activate PIR 1 within that room but the police will not be notified until he enters Room B and activates PIR 2.

FIGURE 1




### Police Notification vrs Key Holder Notification

The Alarm Receiving Centre will receive notification of an alarm following activation of one PIR and they will be able to contact the keyholder immediately. They will not however contact the police until the alarm has been confirmed.

### Police Requirements

The Association of Chief Police Officers (ACPO) requires all Intruder Alarm systems with police notification to have alarm confirmation capability.

### How many detectors to install

The number of detectors within a system is governed by how far you want to allow an Intruder to be able to travel through a building before achieving a confirmed alarm. If you want to restrict movement to one room, 2 independent detectors would be required within that room.

Vulnerable, high risk rooms e.g. IT suites often require 2 detectors to achieve timely police notification.

### Sequential Confirmation and Entry/Exit Routes

An entry/exit route commonly has a contact on the final door and a PIR protecting the space inside the door. It is important to remember that activation of any device on the entry/exit route to the keypad is not counted for the purposes of alarm confirmation.

### Sequential Confirmation vrs Double Knock

Sequential confirmation should not be confused with double knock which is a technology that prevents a PIR detector from signalling an alarm until it has been activated on 2 separate occasions within a specific time frame. Double knock is specific to a detector or zone whilst sequential confirmation relates more to the system design.

### Sequential confirmation detectors

Specialised sequential confirmation detectors are available that have 2 independent detectors built into 1 housing. These units are easy to install and are more aesthetically pleasing compared to 2 separate detectors.

Alarm and Communication Systems are always happy to help with the design of any of the systems we install. If you need any information or advice please contact our Sales Engineer Matthew Jefferson - 0191 4178882 or sales@alarmcommsys.co.uk

Alarm & Communication SYSTEMS LIMITED
27 Sedling Road, Wear East Industrial Estate, Washington, NE38 9BZ
Tel: 0191 4178882 - Fax: 0191 4157264
Web: www.alarmcommsys.co.uk - Email: sales@alarmcommsys.co.uk

## Communication Systems

- Intercoms & Telephone Systems
- Electronic Signage
- Radio Printing & 2 way radios
- Nurse Call
- Public Address
- Fire Alarm Voice Evacuation
- Background Music
- Doctor/ Reception/ Patient Call
- Refuge Intercoms
- Queuing Systems

## TV/ Radio/ Satellite

- Home Entertainment
- NetworkingVoice / Data Systems
- IRS – TV/Radio/Satellite

## Maintenance

- Fully comprehensive
- Labour only
- Yearly check
- For 1/ 3/ 5 years
- Maintenance agreements and repair facilities offered on systems not installed by ACS

## Fire Alarm & Security Systems

- Fire Alarms
- Intruder
- Personal / Staff Attack
- CCTV
- Access Control
- Door Automation
- Automatic Gates/ Barriers

## Specialist Solutions for: Academies, Colleges and Schools

- Announcements / Class Change Signals
- Projectors and Bulbs
- Sound Systems - portable & fixed
- Special Effects Lighting
- Interactive Whiteboards – SMART & Promethean
- Security & Safety
- Electronic Signage & Messaging TV
- Data & Computer Networks
- Specialist Equipment & Furniture
- Disposal of Redundant Electric/ Electronic Equipment
- Synchronised Time Clocks
- TV & Satellite Systems

## DDA Compliance

- Induction Loops and Infra Red Systems for the Hearing Impaired installed in Reception desks, Multi Purpose Rooms, Function Rooms, Churches, Classrooms
- Refuge Area Communication Systems
- Soundfield Systems for Schools, Colleges
- Accessible Alarms for toilets, showers, changing rooms
- Automatic Door Operators

## Corporate Solutions

- Training Room AV Equipment
- Lecture Theatre AV Equipment
- Boardroom AV Equipment
- Conference Room AV Equipment
- AMX Control Systems
- Electronic Signage & Messaging TV
- Synchronised Clocks