

# Safety & Security



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## CALL SYSTEMS & INDUCTION LOOP KIT



### Disabled Persons WC Alarms and Accessories

Each kit includes everything required for a compliant, reliable and easy to install disabled persons toilet alarm (except cables and fixings).

New-look double gang call controller features a volt-free relay output, a rotary volume control, Braille text and on-board rechargeable battery backup facility (not applicable on stainless steel version)

Remote reset point c/w sounder provides audible and visual indication of an alarm call inside the WC to reassure users help is on the way.

Simple to install 12V system - four core stranded security cable is ideal for most installations.

Ceiling pull features two open sided triangular bangles for ease of use by the infirm.

Disabled WC sticker included in all kits.

All wall-mounting plastic accessories fit 25mm back boxes. Ceiling pull is surface mountable.

Rechargeable back-up battery provides up to 24 hrs stand-by and 15 mins alarm running time.

| Description | Part No. |
|-------------|----------|
|-------------|----------|

#### Standard DPTA Kit

|   |        |
|---|--------|
| Includes call controller c/w battery back up facility, ceiling pull unit, overdoor light & sounder, reset point and sticker | NC-951 |
|---|--------|

#### Standard DPTA Kit (Stainless Steel)

|  |           |
|--|-----------|
| Includes stainless steel call controller, plastic ceiling pull unit, stainless steel overdoor light and sounder, stainless steel reset and sticker | NC-951/SS |
|--|-----------|

#### Accessories

|                             |          |
|-----------------------------|----------|
| Over door light and sounder | NC-806CS |
| Ceiling pull cord unit      | NC-807C  |

### Counter & Small Room Induction Loop Kits

Ideal for ticket counters, TV lounges & small rooms. Provides max. square room coverage of 49m<sup>2</sup>. Amplifier includes two unbalanced mic or line inputs.

Free-standing or wall-mountable design.

Available in a variety of cost-effective kit formats.

| Description                                 | Part No.   |
|---|------------|
| Counter Loop Kit                            | NC-PDA102C |
| Small Room Loop Kit (tie/desk mic. version) | NC-PDA102L |
| Small Room Loop Kit (plated mic. version)   | NC-PDA102R |
| TV Lounge Loop Kit                          | NC-PDA102S |

Please refer to the Citadel Plus Catalogue for a wider range of kits and full accessory details

## OCCUPANCY DETECTION



### Stand Alone (Wall Mount - Switch Replacement)

180° coverage at 8m  
 Built in microphone, detector triggers on sound as well as motion.  
 Fits standard switch box.  
 Minimum load 40W.  
 Photocell: 5 - 2000 lux  
 2 Wire: Switches 3000W Incandescent.  
           Switches 1500W Fluorescent.  
 3 Wire: Switches 2300W Incandescent.  
           Switches 1150W Fluorescent

| Description                                    | Part No.         |
|--|------------------|
| <b>2-Wire</b>                                  |                  |
| PIR Operated Wall Switch (no neutral required) | <b>SSPIROS2W</b> |
| <b>3-Wire</b>                                  |                  |
| PIR Operated Wall Switch (neutral required)    | <b>SSPIROS3W</b> |

### Stand Alone (Ceiling Mount)

Available in surface and flush mount variants.  
 Surface variant IP44 as standard.  
 Surface variant includes plug-in detector / base to simplify and speed up installation.  
 Time lag range: 15 seconds to 30 minutes.  
 Photocell range: 40 - 2000 Lux.  
 Loading: 2000W (Incandescent),  
 1000W (Fluorescent).

| Description                 | Part No.         |
|-----------------------------|------------------|
| <b>Surface Mount (IP44)</b> |                  |
| Ceiling Mount PIR           | <b>SSPIROS S</b> |
| <b>Recessed</b>             |                  |
| Ceiling Mount PIR           | <b>SSPIROS R</b> |

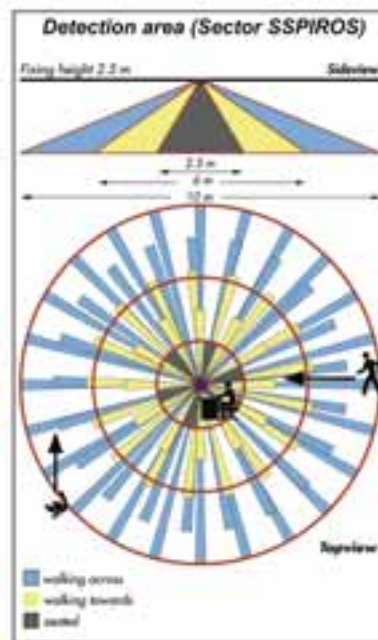


Plug-in detector / base to simplify and speed up installation (surface mount)

### Stand Alone (Directional Ceiling Mount)

Time lag range: 10 secs - 40 mins in 9 steps.  
 Photocell range: 100 - 1000 lux, and inactive.  
 Loading: Up to 6 amps (1500W) of any type of load (including fluorescent lights and fans).  
 Standard Version  
 Detection zone: 120°, range 5m walking towards, 10m walking across.  
 Long Range Version  
 Ideal for corridors and storage aisles.  
 Detection zone: 6°, range up to 25m.

| Description  | Part No.              |
|--|-----------------------|
| <b>PIR Detectors</b>                                       |                       |
| Direction PIR (Standard)                                   | <b>SSPIROS DIR</b>    |
| Direction PIR (Long Range)                                 | <b>SSPIROS DIR LR</b> |
| <b>Mounting Base (Socket) for Directional PIR Detector</b> |                       |
| Mounting Base/Socket                                       | <b>SSPIROS DIR SK</b> |



## EXTERNAL PRESENCE DETECTION



### PIR Detectors

Detection range: 12m.  
Switching capacity: 1000W incandescent, 400W fluorescent.

| Description                   | Part No.     |
|-------------------------------|--------------|
| PIR Detector 110° 1kW (Black) | <b>S005B</b> |
| PIR Detector 110° 1kW (White) | <b>S005W</b> |

### Professional PIR Detectors

Thermal accommodation feature for optimal PIR performance all year round.

Professional PIR Detector 140°:  
Detection range: 12m.  
Switching capacity: 1000W incandescent.

Professional PIR Detector 270°:  
Detection range: 15m.  
Switching capacity: 2000W incandescent.

| Description                         | Part No.        |
|-------------------------------------|-----------------|
| Professional PIR 140° - 1kW (Black) | <b>SPIR140B</b> |
| Professional PIR 140° - 1kW (White) | <b>SPIR140W</b> |
| Professional PIR 270° - 2kW (Black) | <b>SPIR270B</b> |
| Professional PIR 270° - 2kW (White) | <b>SPIR270W</b> |

### Bulkhead

PIR: Vandal resistant polycarbonate construction.  
Detection range: 12m.  
Dual override facility: Pulse or Hard-wired.

PEC: Vandal resistant polycarbonate construction.  
Dusk to dawn operation.

| Description      | Part No.             |
|------------------|----------------------|
| 60W PIR Bulkhead | <b>SPIR110BH BLK</b> |
| 60W PEC Bulkhead | <b>SPCELL BH BLK</b> |

Please refer to page 63 for PIR lanterns & PIR half lanterns

### 150W Floodlight / PIR Combinations

Detection range: 12m. Includes lamp.  
Building Regs Part 1 compliant.

| Description                        | Part No.      |
|------------------------------------|---------------|
| 150W Floodlight / PIR 110° (Black) | <b>S0015B</b> |
| 150W Floodlight / PIR 110° (White) | <b>S0015W</b> |

### 500W Floodlight / PIR Combinations

Detection range: 12m. Includes lamp.

| Description                        | Part No.     |
|------------------------------------|--------------|
| 500W Floodlight / PIR 110° (Black) | <b>S009B</b> |
| 500W Floodlight / PIR 110° (White) | <b>S009W</b> |

### Pro 500W Floodlight / PIR Combinations

Detection range: 15m.  
Switching capacity: 1000W incandescent.  
Thermal accommodation for optimal PIR performance all year round.  
Includes Grade A lamp.

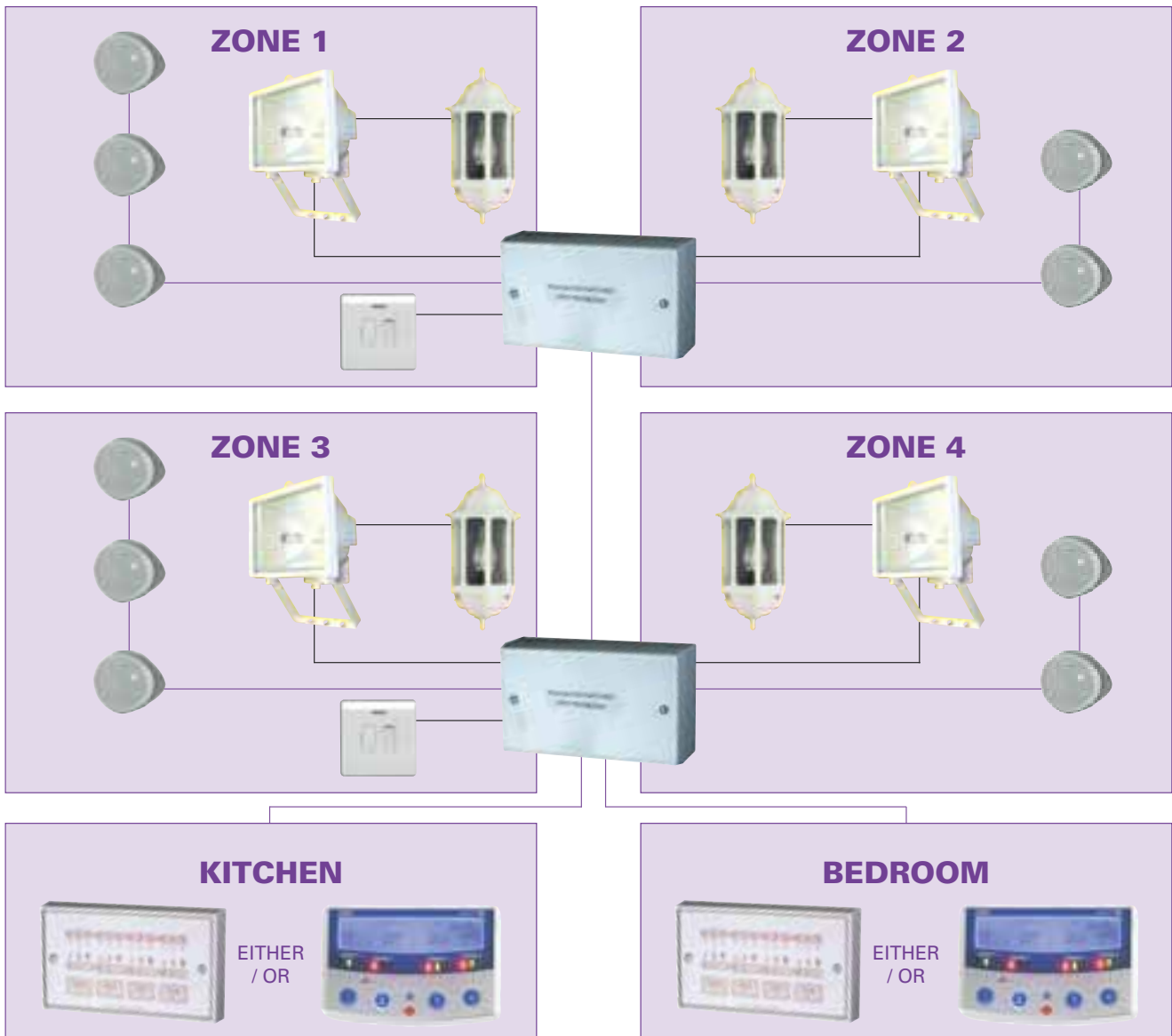
| Description                        | Part No.          |
|------------------------------------|-------------------|
| 500W Floodlight / PIR 140° (Black) | <b>SPIR140FLD</b> |
| 500W Floodlight / PIR 200° (White) | <b>SPIR200FLD</b> |

### Low Energy Floodlight / PIR / PEC Combinations



Building Regs Part 1 compliant, IP44, Polycarbonate construction.  
Adjustable floodlight for increased beam control.  
Up to 80% cheaper running cost than Tungsten or GLS equivalent.  
Includes lamps.

| Description           | Part No.          |
|-----------------------|-------------------|
| 2 x 26W c/w PIR       | <b>SLEF226PIR</b> |
| 2 x 26W c/w Photocell | <b>SLEF226PEC</b> |



### Security Lighting Controllers and PIR Detectors

*A professional security lighting system that is totally flexible and can be bespoke to individual requirements with total control inside and out.*

| Description  | Part No.      |
|--|---------------|
| 1 Zone Security Lighting Controller (1500w)                                | <b>GJD005</b> |
| 2 Zone Security Lighting Controller (3000w)                                | <b>GJD010</b> |
| 4 Zone Programmable Lighting Controller                                    | <b>GJD910</b> |
| 2 Zone Programmable Security Lighting Controller (Min 1 x SOLEXP Required) | <b>GJD011</b> |
| 4 Zone Programmable Security Lighting Controller (Min 2 x SOLEXP Required) | <b>GJD014</b> |
| 240V Expansion Unit (3000W each)   | <b>GJD012</b> |
| External PIR Detector  | <b>GJD020</b> |
| DTECT External Quad PIR Detector   | <b>GJD300</b> |

## RF SECURITY LIGHTING

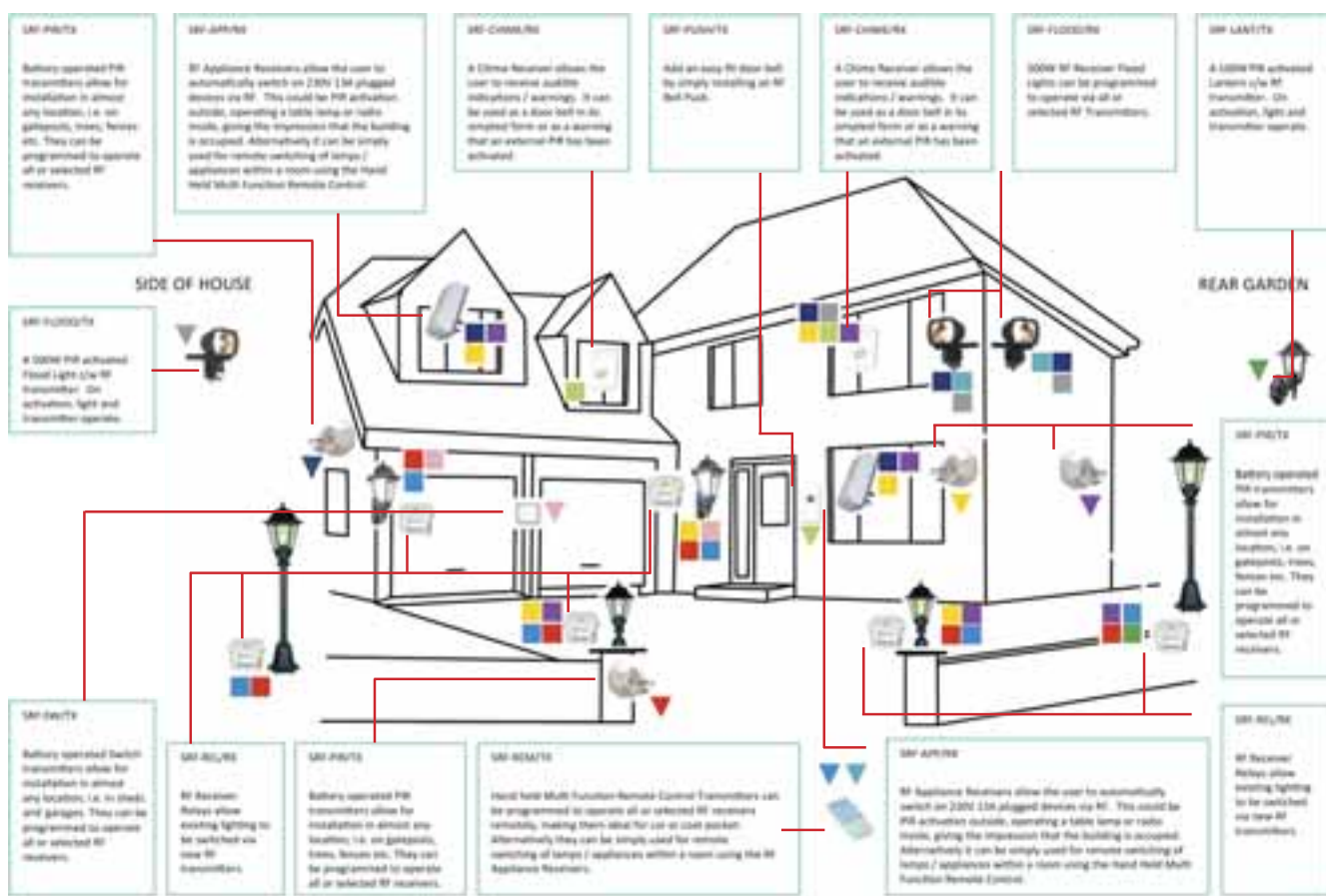
### RF Security Lighting (Luminaire & Controls)

The Sector RF range comprises a vast assortment of every day devices containing an intelligent transmitter or receiver. The devices can be mixed and matched to provide a wide spectrum of wire free solutions.

Transmitter devices are all individually pre-coded at the factory. The receiver devices can be easily programmed on site at the push of a button. Up to twelve transmitter codes can be stored by each receiver device.

This concept allows the installer to quickly provide a complete security system with minimum fuss and disruption, making Sector RF the obvious first choice for the professional.

| Description                  | Part No.            |
|------------------------------|---------------------|
| <b>Transmitters (TX)</b>     |                     |
| PIR TX(RF)                   | <b>SRF-PIR/TX</b>   |
| Floodlight/PIR TX(RF)        | <b>SRF-FLOOD/TX</b> |
| Lantern/PIR TX(RF)           | <b>SRF-LANT/TX</b>  |
| Switch TX(RF)                | <b>SRF-SW/TX</b>    |
| Multi Function Remote TX(RF) | <b>SRF-REM/TX</b>   |
| Bell Push TX(RF)             | <b>SRF-PUSH/TX</b>  |
| Door Contact TX(RF)          | <b>SRF-CONT/TX</b>  |
| <b>Receivers (RX)</b>        |                     |
| Floodlight RX(RF)            | <b>SRF-FLOOD/RX</b> |
| Chime/Alarm RX(RF)           | <b>SRF-CHIME/RX</b> |
| Appliance Controller(RF)     | <b>SRF-APP/RX</b>   |
| Wireless Relay Receiver(RF)  | <b>SRF-REL/RX</b>   |
| W/less Alarm Panel Rec(RF)   | <b>SRF-PAN/RX</b>   |



- |                       |          |            |   |
|-----------------------|----------|------------|---|
| ▼ TRANSMITTER CODE 1  | OPERATES | ■ FUNCTION | <b>WELCOME FUNCTION</b> ((Selected lights on) RF PIR Activated  |
| ▼ TRANSMITTER CODE 2  | OPERATES | ■ FUNCTION | <b>WELCOME FUNCTION</b> (Selected lights on) RF Hand Held Activated   |
| ▼ TRANSMITTER CODE 3  | OPERATES | ■ FUNCTION | <b>SECURITY FUNCTION</b> (Flood lights on) RF Hand Held Activated   |
| ▼ TRANSMITTER CODE 4  | OPERATES | ■ FUNCTION | <b>VISITORS PRESENT</b> (Selected lights remain on – Internal plugged devices and audio alert operate) RF PIR Activated |
| ▼ TRANSMITTER CODE 5  | OPERATES | ■ FUNCTION | <b>DOOR BELL</b> (2 X Internal RF Chime Receivers)  |
| ▼ TRANSMITTER CODE 6  | OPERATES | ■ FUNCTION | <b>VISITORS PRESENT</b> (Selected lights remain on – Internal plugged devices and audio alert operate) RF PIR Activated |
| ▼ TRANSMITTER CODE 7  | OPERATES | ■ FUNCTION | <b>PARTY</b> (Rear garden lighting on) RF PIR Activated   |
| ▼ TRANSMITTER CODE 8  | OPERATES | ■ FUNCTION | <b>SECURITY FUNCTION</b> (Selected lights on and audio alert operate) RF PIR Activated                                  |
| ▼ TRANSMITTER CODE 9  | OPERATES | ■ FUNCTION | <b>SECURITY FUNCTION</b> (Selected lights on and audio alert operate) RF PIR Activated                                  |
| ▼ TRANSMITTER CODE 10 | OPERATES | ■ FUNCTION | <b>GARAGE INSIDE</b> (Selected lights on) RF Switch Activated   |

RF SECURITY LIGHTING



SPEC4E(A/SRG)



SPEC20



SVAR04

PHOTOCELLS



### Photo Electric Cells (NEMA Head)

Switch 1000W resistive 600W inductive.  
Surge protection included.

| Description                     | Part No.              |
|---------------------------------|-----------------------|
| Photo Electric Cell (head only) | <b>SPEC4E (A/SRG)</b> |
| Photo Electric Cell Kit         | <b>SPEC4EKIT</b>      |
| Part Night Cell Kit             | <b>SPEC9PN</b>        |

### Time and Lux Adjustable Photo Electric Cells

Energy efficient.  
Integral timeswitch.  
Allows on at dusk with fixed time off.

| Description                  | Part No.      |
|------------------------------|---------------|
| Variable Photo Electric Cell | <b>SVAR04</b> |

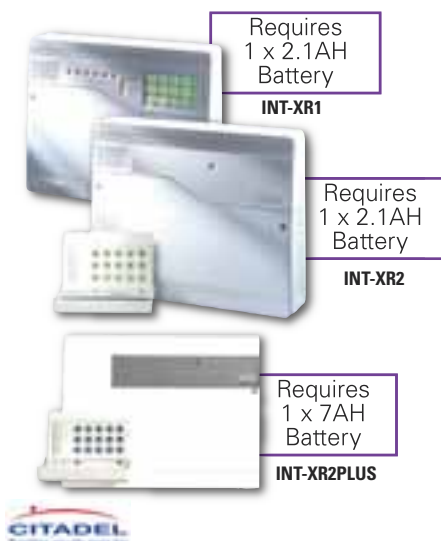
### Photo Electric Cells - 20mm

Mounts in 20mm dia. aperture.  
Switch 1000W resistive 600W inductive.

| Description                     | Part No.        |
|---------------------------------|-----------------|
| Mini Photo Electric Cell        | <b>SPEC20</b>   |
| Mini Photo Electric Cell Remote | <b>SPEC20/R</b> |

Please refer to page 120 for programmable light switches

## INTRUDER ALARMS



### XR Alarm Panels and Remote Keypad

8 Zones plus PA and tamper.  
Fully programmable.  
Up to 4 remote keypads.  
Engineer event log.  
EN54 Parts 2 & 4.  
Part set option.  
Chime facility.  
Quickset.  
4 access codes.  
All panels require batteries.

| Description  | Part No.           |
|--|--------------------|
| 8 Zone Alarm Panel with On-Board Keypad - Compact (Requires 2.1Ah Battery) | <b>INT-XR1</b>     |
| 8 Zone Alarm Panel with Remote Keypad - Compact (Requires 2.1Ah Battery)   | <b>INT-XR2</b>     |
| 8 Zone Alarm Panel with Remote Keypad - Standard (Requires 7Ah Battery)    | <b>INT-XR2PLUS</b> |
| LED Remote Keypad for XR1 and XR2  | <b>INT-XR2RKP</b>  |

### Intruder Detection (Presence) - NEXT

Attractive sleek design, suitable for any home or office environment.  
12m 90° Multiple curtain coverage.  
To reduce false alarms, Dual Technology Detectors should be located in place of standard PIR Detectors when locating in Kitchens, Conservatories, Garages etc.

| Description                                | Part No.        |
|--|-----------------|
| PIR Detector                               | <b>NEXT</b>     |
| PIR Detector (Quad)                        | <b>NEXTQES</b>  |
| PIR Detector (Pet)                         | <b>NEXTK985</b> |
| Dual Technology Detector (PIR / Microwave) | <b>NEXTDUO</b>  |



### V8 / VR8 Alarm Panels and Remote Keypad

8 Zones plus PA and tamper.  
Fully programmable.  
Up to 6 remote keypads.  
Engineer event log.  
Quickset option.  
Key switch facility.  
EN 50131 grade 1.  
Latching walk test mode.  
All panels require batteries.

| Description  | Part No.      |
|--|---------------|
| 8 Zone Alarm Panel with On-Board Keypad - Compact (Requires 2.1Ah Battery) | <b>V8C</b>    |
| 8 Zone Alarm Panel with On-Board Keypad - Standard (Requires 7Ah Battery)  | <b>V8</b>     |
| 8 Zone Alarm Panel with Remote Keypad - Standard (Requires 7Ah Battery)    | <b>VR8</b>    |
| LED Remote Keypad for V8 and VR8   | <b>VR8RKP</b> |



### Intruder Detection (Presence)

12m 140° coverage.  
Complimentary Ceiling Bracket.

| Description  | Part No.      |
|--------------|---------------|
| PIR Detector | <b>REFLEX</b> |

### Fire Detection - EXODUS

Compatible with most intruder alarm panels.  
4-Wire connection to alarm panel.  
Built in 12V relay.

| Description                            | Part No.         |
|--|------------------|
| Low Voltage Heat Detector - 64° Fixed  | <b>EODUSFT64</b> |
| Low Voltage Heat Detector - 90° Fixed  | <b>EODUSFT90</b> |
| Low Voltage Optical and Heat Detector  | <b>EODUS OH</b>  |
| Low Voltage Rate of Rise Heat Detector | <b>EODUS RR</b>  |

## INTRUDER ALARMS



### Delta Bell

Plus model - IP65. Backlit with LED.  
3 way tamper. 109dB @ 1 metre.  
Supplied with batteries.

| Description                  | Part No.              |
|------------------------------|-----------------------|
| Delta Bell Plus Sounder Blue | <b>FPDELTAPLUS-BB</b> |
| Delta Bell E Sounder Blue    | <b>FPDELTAE-BB</b>    |
| Delta Bell Dummy Blue        | <b>FPDELTA-BDB</b>    |
| Delta Bell Cover White       | <b>FPDELTA-CW</b>     |

### Odyssey 3 & 3E

Patented Safety Engineer Hold-Off Mode.  
Advanced Microprocessor Technology.  
Tamper.  
Selectable SAB/SCB Mode.  
Twin Alternating LEDs.  
Screen-printing available.

| Grade   | Description   | Part No.         |
|---|---|------------------|
| <b>ODYSSEY 3E (Economy - Single Piezo) IP44</b> |   |                  |
| 3   | Self Contained External Sounder c/w Single Strobe (White / Blue) (twin PIEZO) - 109db | <b>ODY3ELIVE</b> |

| Grade                              | Description  | Part No.           |
|------------------------------------|--|--------------------|
| <b>ODYSSEY 3 (Twin Piezo) IP65</b> |  |                    |
| 3                                  | Self Contained External Sounder c/w Single Strobe (White / Blue) - 115db | <b>ODY3LIVE</b>    |
|                                    | Dummy External Sounder c/w Single Lens (White / Blue)                    | <b>ODY3DUM</b>     |
| 3                                  | Front Cover for Odyssey 3 (White / Blue)                                 | <b>ODY3CVR</b>     |
|                                    | Dummy Back Plate (Odyssey 3)   | <b>ODY3DUM/BP</b>  |
| 3                                  | Live Back Plate (Odyssey 3)  | <b>ODY3LIVE/BP</b> |

### Sigma & Sigma Plus

Fully integrated modern low profile sounder with single or twin alternating strobes. IP44.

| Grade | Description                                     | Part No.              |
|-------|---|-----------------------|
| 3     | Live Back Plate - Twin Piezo Plus - 118db       | <b>BCSIGM/SPR/PLS</b> |
| 3     | Live Back Plate - Single Piezo Standard - 115db | <b>BCSIGM/SPR/STD</b> |
|       | Dummy Back Plate                                | <b>BCSIGM/DUM</b>     |
| 3     | Front Cover for for Sigma (White / Blue)        | <b>BCSIG/COV/WH</b>   |

Dimensions: (H / W / D) 220 x 330 x 70mm.

### Accessories

| Description                               | Part No.          |
|---|-------------------|
| <b>PA Buttons</b>                         |                   |
| PA Button - Single Push (Stainless Steel) | <b>PASP1/SS</b>   |
| PA Button - Single Push (White)           | <b>PASP1/WH</b>   |
| PA Button - Double Push (Stainless Steel) | <b>PADP2/SSS1</b> |
| PA Button - Double Push (White)           | <b>PADP2/WHG1</b> |

| Description                        | Part No.           |
|------------------------------------|--------------------|
| <b>Contacts</b>                    |                    |
| Flush Door Contact                 | <b>FC505/WH</b>    |
| Surface Door Contact               | <b>SC517/WH</b>    |
| Heavy Duty Door Contact            | <b>SC550/WH</b>    |
| Patio Door Contact                 | <b>SC525/WH/4C</b> |
| Roller Shutter Contact (Aluminium) | <b>RS002/ALI</b>   |

| Description                               | Part No.        |
|---|-----------------|
| <b>Junction Boxes</b>                     |                 |
| Security Alarm Junction Box - 6 Terminal  | <b>JB701/WH</b> |
| Security Alarm Junction Box - 8 Terminal  | <b>JB720/WH</b> |
| Security Alarm Junction Box - 24 Terminal | <b>JB730/WH</b> |

| Description                   | Part No.          |
|-------------------------------|-------------------|
| <b>Speaker &amp; Sounders</b> |                   |
| 16 Ohm Internal Speaker       | <b>50MACH1/16</b> |
| Internal Sounder              | <b>50MACH2/WH</b> |

| Description                              | Part No.          |
|--|-------------------|
| <b>Power Supply Units</b>                |                   |
| 12V Power Supply - 1A Boxed (Maintained) | <b>INT-1201EM</b> |

| Description   | Part No.          |
|---------------|-------------------|
| <b>Cable</b>  |                   |
| 4 Core White  | <b>INT-MM1787</b> |
| 6 Core White  | <b>INT-MM1162</b> |
| 8 Core White  | <b>INT-MM1729</b> |
| 12 Core White | <b>INT-MM1941</b> |

### Defender 2

Fully integrated modern low profile sounder with single or twin alternating strobes. IP44. 118db.

| Grade | Description  | Part No.            |
|-------|--|---------------------|
| 1     | Self Contained External Sounder c/w Single Strobe (White / Blue) | <b>INT-DEF2</b>     |
| 1     | Self Contained External Sounder c/w Twin Strobes (White / Blue)  | <b>INT-DEF2D/S</b>  |
|       | Dummy External Sounder c/w Single Lens (White / Blue)            | <b>INT-DEF2DMY</b>  |
|       | Dummy External Sounder c/w Twin Lenses (White / Blue)            | <b>INT-DEF2SDMY</b> |

Dimensions: (H / W / D) 305 x 230 x 85mm.

### Speech Dialler

Easily connected to any intruder alarm panel.  
User recordable alarm message.  
Connects to a standard telephone line.  
No expensive contracts.

| Description    | Part No.           |
|----------------|--------------------|
| Speech Dialler | <b>INT-INFORMA</b> |



Screen printed covers are available at no extra cost. Set up charge and MOQ's may apply. Ask your local branch for details.

## INTRUDER ALARMS - WIRELESS



### Powermax - Kit, Panels & Accessories (868 MHz)

*Redefining industry standards for convenience and peace of mind, PowerMax®+ is the most advanced home security and automation platform available today. PowerMax®+ offers easy yet flexible configuration and a clean wireless installation in only a few hours.*

*Fast and easy installation with no mess.*

*Easy to operate.*

*Remote, mobile or in-house control.*

*Flexible programming options.*

*Child monitoring, pet accommodation and elderly care assistance.*

*Complete home control.*

*PIR's pre-enabled for easy installation.*

| Grade | Description | Part No. |
|-------|-------------|----------|
|-------|-------------|----------|

#### Kit

|   |                             |                    |
|---|-----------------------------|--------------------|
| 2 | PowerMax Plus Quick Fit Kit | <b>PMAX+ QFKIT</b> |
|---|-----------------------------|--------------------|

#### Control Panel

|  |                       |                  |
|--|-----------------------|------------------|
|  | PowerMax Plus Compact | <b>PMAX+SOLO</b> |
|--|-----------------------|------------------|

Dimensions: (H / W / D) 295 x 203 x 55mm.

#### Transmitters (PIR)

|   |                                |                       |
|---|--------------------------------|-----------------------|
| 2 | 12m PIR (Lithium)              | <b>NEXT DDMCW</b>     |
|   | Pet Tolerant 12m PIR (Lithium) | <b>NEXTK985 DDMCW</b> |

#### Transmitters (Contacts)

|   |                                |                 |
|---|--------------------------------|-----------------|
| 2 | 2 Channel Door Contact (White) | <b>MCT-302W</b> |
|---|--------------------------------|-----------------|

#### Transmitters (Impact / Break Glass)

|   |                      |                 |
|---|----------------------|-----------------|
| 1 | Break Glass Detector | <b>MCT-501T</b> |
| 2 | Shock Sensor (White) | <b>MCT-303W</b> |

#### Transmitters (Gas / Fire / Flood Detection)

|   |                |                  |
|---|----------------|------------------|
| 2 | Smoke Detector | <b>MCT-425</b>   |
|   | CO Sensor      | <b>MCT-442CO</b> |
| 1 | Flood Detector | <b>MCT-550</b>   |

| Grade | Description | Part No. |
|-------|-------------|----------|
|-------|-------------|----------|

#### Transmitters (Panic / Alert)

|   |                                      |                |
|---|--------------------------------------|----------------|
| 2 | Single Channel Hand Held Transmitter | <b>MCT-101</b> |
| 2 | Four Channel Hand Held Transmitter   | <b>MCT-104</b> |
| 2 | Single Channel Wrist Transmitter     | <b>MCT-211</b> |
| 2 | Single Channel Pendant Transmitter   | <b>MCT-241</b> |

#### Transmitters (Hard Wire Input)

|   |                                   |                |
|---|-----------------------------------|----------------|
| 1 | Two Channel Universal Transmitter | <b>MCT-100</b> |
|---|-----------------------------------|----------------|

#### Receivers

|   |                        |                 |
|---|------------------------|-----------------|
| 2 | Four Channel Receiver  | <b>MCR-308+</b> |
| 2 | Eight Channel Expander | <b>MCX-8</b>    |

#### Panel Accessories

|   |   |                     |
|---|---|---------------------|
| 2 | Boxed External GSM Dialler c/w Battery Pack (Requires SIM Card) | <b>PMAX+GSM-MOD</b> |
|---|---|---------------------|

#### Remote Keypads

|   |                                     |                 |
|---|-------------------------------------|-----------------|
| 2 | Wireless Keypad (1 X Way Comms)     | <b>MCM-140+</b> |
| 2 | LCD Wireless Keypad (2 X Way Comms) | <b>MKP-150</b>  |

#### Key Fobs (Arming / Disarming)

|   |                                 |                |
|---|---------------------------------|----------------|
| 2 | Four Button Key Fob Transmitter | <b>MCT-234</b> |
|---|---------------------------------|----------------|

#### Sounder / Strobes

|   |                                  |                |
|---|----------------------------------|----------------|
| 2 | Wireless External Siren / Strobe | <b>MCS-710</b> |
|   | Decoy External Siren / Strobe    | <b>MCS-700</b> |

## ACCESS CONTROL



### Mechanical Locks - With Easy Code Change

The Digilock is a totally mechanical digital push button lock, which provides a low cost solution to keyless entry in light commercial and domestic applications.

| Description                    | Part No.           |
|--------------------------------|--------------------|
| Push Button Lock with Holdback | <b>AC-SBL320-S</b> |

### Stand Alone One Door Proximity Kit

A budget priced single door access control solution for up to 999 users. The reader is suitable for internal and external applications, with all electronics securely located internally within the power supply housing.

Tags are programmed using master tag and buttons on control unit.

Lock relay rating: 12/24v dc 3 amp.

Lock relay hold open time: 1-9 secs.

Input for exit release button (press to make type).

Room for 7Ah battery back-up (not included).

Reader dimensions: H75 x W39 x D15mm.

Control unit dimensions: H215 x W250 x D80mm.

Kit includes:

12V dc 1A power supply unit with integral controller.

Proximity reader.

10 x proximity tags.

Electric release - rim/mortice (fail locked).

| Description                        | Part No.          |
|------------------------------------|-------------------|
| Stand Alone One Door Proximity Kit | <b>AC-KIT8</b>    |
| Additional Proximity Fob For KIT8  | <b>AC-KIT8FOB</b> |

### Stand Alone Card Reader and Keypads

| Description                                     | Part No.         |
|---|------------------|
| Keypad - Stand Alone (2 Code)                   | <b>AC-K42</b>    |
| Keypad - Stand Alone (30 Code)                  | <b>AC-K44DUO</b> |
| Card Reader - Stand Alone (200 User Cards Max)  | <b>AC-BC402</b>  |
| User Cards (For AC-BC402)                       | <b>AC-IB1</b>    |
| Master Card and Shadow Card Pack (For AC-BC402) | <b>AC-IB402</b>  |

### Mag Locks

| Description                               | Part No.         |
|---|------------------|
| <b>Slimline Mini-MG</b>                   |                  |
| Slimline 12/24Vdc Un-Monitored            | <b>AC-919109</b> |
| Z & L Bracket Set - Mini                  | <b>AC-927390</b> |
| Adjustable Transom L Bracket - Mini       | <b>AC-927392</b> |
| <b>Standard Maglock &amp; Accessories</b> |                  |
| Standard 12/24Vdc Un-Monitored            | <b>AC-919110</b> |
| Z & L Bracket Set - Standard              | <b>AC-927391</b> |
| Adjustable Transom L Bracket - Std        | <b>AC-927393</b> |

### Electric Releases For Rim / Mortice

Simplified Range.

Fail locked and fail safe option available.

Suitable for mortice and rim applications.

| Description                        | Part No.              |
|------------------------------------|-----------------------|
| Rim / Mortice (12V ac) Fail Locked | <b>AC-N203+S</b>      |
| Rim / Mortice (12V dc) Fail Locked | <b>AC-N203-412G+S</b> |
| Rim / Mortice (12V dc) Fail Safe   | <b>AC-N203-512+S</b>  |

### Accessories

| Description                                     | Part No.              |
|---|-----------------------|
| Exit Request Button (White Surface)             | <b>AC-923046</b>      |
| Green Break Glass Unit                          | <b>AC-CXM/CO/G/BB</b> |
| Exit Request 4" Disabled                        | <b>AC-923048</b>      |
| Exit Request Arch Disabled                      | <b>AC-923049</b>      |
| Exit Request Button (Stainless Steel)           | <b>AC-923045</b>      |
| Large Green Mushroom Head                       | <b>AC-923045</b>      |
| Surface Mount Surround (Suitable For AC-923045) | <b>AC-923047</b>      |

### Power Supplies

13.8V dc regulated output. Full current to load.

Additional Battery Charging Current.

Short circuit protection. Mains present indicator.

Fuse blown indicator.

Mains transient protection.

Battery current limiting circuit (electronic).

| Description  | Part No.         |
|--|------------------|
| 12V 1A Boxed Power Supply (Multi Indicator - Hinged Box) | <b>AC-1201EM</b> |

Dimensions: (H / W / D) 200 x 230 x 80mm.

## ACCESS CONTROL



### Supagate Single Door Access Control Kit with RF Receiver & 4 Relay Outputs

Supports one reader/keypad (not included).  
Supports tag + PIN code.  
Supports dynamic code transmission technology, for added security when used with GB/XQT904 quad transmitter.  
Supports a combination of up to 99 RF transmitters, tags and PIN codes or just simply personal access codes.  
Easy programming via four push buttons and LED display.  
4 relay outputs (1 = Prox, 3 = RF).  
The relays can be set to toggle on or off mode and can be programmed to hold open/closed for up to 99 seconds.

| Description   | Part No.         |
|---|------------------|
| Supagate Single Door Access Control Kit with RF Receiver. | <b>GB/SGI911</b> |

### Supagate Plus Two Door Access Control Kit with RF Receiver & 4 relay Outputs

Supports up to two readers/keypads (not included).  
Supports tag + PIN code.  
Supports dynamic code transmission technology, for added security when used with the GB/XQT904 quad transmitter.  
Supports a combination of up to 99 RF transmitters, tags and PIN codes or just simply personal access codes.  
Easy programming via four push buttons and LED display.  
4 relay outputs (1 = Prox, 3 = RF).  
The relays can be set to toggle on or off mode and can be programmed to hold open/closed for up to 99 seconds.

| Description   | Part No.         |
|---|------------------|
| Supagate Plus - Two Door Access Control Kit with RF Receiver. | <b>GB/SGI912</b> |

**Please note that readers cannot be installed more than 20m from the controller.**

### Supagate Lite Single Door Access Control Kit

Kit includes controller and keypad.  
Controls one relay output.  
Supports a combination of up to 99 tags or PIN codes.  
Easy programming via four push buttons and LED display.  
The relay can be set to toggle on or off mode and can be programmed to hold open/closed for up to 99 seconds.

| Description  | Part No.         |
|--|------------------|
| Supagate Lite - Single Door Access Control Kit with Keypad/Proximity Reader. | <b>GB/SGI910</b> |

### IP66 Supagate Plus 4 Channel Receiver for External Installation

Supports up to two readers/keypads (not included).  
Supports tag + PIN code.  
Supports dynamic code transmission technology, for added security when used with the GB/XQT904 quad transmitter.  
Supports a combination of up to 99 RF transmitters, tags and PIN codes or just simply personal access codes.  
Easy programming via four push buttons and LED display.  
4 relay outputs (1 = Prox, 3 = RF).  
The relays can be set to toggle on or off mode and can be programmed to hold open/closed for up to 99 seconds.

| Description  | Part No.         |
|--|------------------|
| IP66 Supagate Plus - Two Door Access Control Kit with RF Receiver. | <b>GB/SGI914</b> |

### Supagate Accessories

| Description  | Part No.         |
|--|------------------|
| <b>Readers and Keypads for Supagate</b>  |                  |
| Supagate Keypad/Proximity Reader   | <b>GB/SGI913</b> |
| Compact Mullion Reader for indoor or outdoor use includes bi-coloured red/green status LED, no buzzer. Charcoal ABS plastic. Length 59mm, width 43mm height 16mm.  | <b>GB/XTT901</b> |
| Circular Metal Reader for indoor or outdoor use in harsh environments with bi-coloured red/green status LED, and buzzer. Diameter 76mm, depth 28mm.  | <b>GB/XTT903</b> |
| Metal Keypad Reader for indoor or outdoor use in harsh environments with bi-coloured red/green status LED, and buzzer. 12 button alphanumeric keypad for PIN code or reason code entry. Length 143mm, width 76mm, height 28mm. | <b>GB/XTT904</b> |
| Slimline Mullion Keypad Reader for indoor use includes bi-coloured red/green status LED and buzzer. Charcoal ABS plastic. Length 116mm x 38mm x 19mm.  | <b>GB/XTT905</b> |
| Keypad Reader for indoor use includes bi-coloured red/green status LED, and buzzer. Charcoal ABS plastic. Length 115mm x 81mm x 32mm.  | <b>GB/XTT907</b> |

| Description                         | Part No.          |
|-------------------------------------|-------------------|
| 12V DC 1A PSU with battery terminal | <b>PSU/12V-1A</b> |

| Description                                      | Part No.         |
|--|------------------|
| <b>Proximity Cards/Tags and RF Transmitters</b>  |                  |
| Key Ring Tag, Medium Grey                        | <b>GB/TKX900</b> |
| Credit Card ISO, Read Only With Clip Slot, White | <b>GB/TOC901</b> |
| Quad RF Transmitter                              | <b>GB/XQT904</b> |



### Budget Audio Door Entry Kit

One way (one flat) as standard but can be easily upgraded to one button calls two handsets on one call or (two flats), two buttons, each calling up to two handsets on one call by simply purchasing further handsets.

Easy install, 2-wire non polarised cabling to handset and entrance.

| Description                | Part No.               |
|----------------------------|------------------------|
| 1 Way Audio Door Entry Kit | <b>DE-BRED/AKW2000</b> |
| Audio Handset (Additional) | <b>DE-BRED/ARW2</b>    |
| Requires Lock Release.     |                        |

### Budget Video Door Entry Kit

One way only, Easy install.  
2-wire non polarised cabling to handset and entrance.

| Description                | Part No.              |
|----------------------------|-----------------------|
| 1 Way Video Door Entry Kit | <b>DE-BRED/VKW200</b> |
| Requires Lock Release.     |                       |

Please refer to page 96 for lock releases

For more information on all security products including CCTV please refer to the Citadel Plus catalogue



or visit  
[www.senate.co.uk](http://www.senate.co.uk)