



Product Guide 2014/2015

Security



Access



Fire



Safety



Accessories



Custom Design



Made in
the UK



Trade
Pricing



Free
Delivery



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Welcome

Welcome to our new product guide. Our extensive product range is manufactured exclusively in the UK from our purpose-built premises in Rainford, St Helens and includes trusted products, such as Exitguard, Aidalarm, Stop'n'Search, Multiguard and Interguard. Our products are designed and manufactured in accordance with our ISO9001 certification which we have held since 1994. Nothing leaves the building until we are happy to put our name on it.

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5

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Delivery Costs

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Next Day	£14.95
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About Hoyles



Made in the UK

Originally founded in 1965 by Jack Hoyle, an ex fireman, Hoyles Electronics Developments Ltd is a family owned business now being run by the third generation. Hoyles is very much a family concern and we pride ourselves on our family values and strong customer relationships. Providing exceptional levels of service and customer care are key to ensuring that your requirements are fully met in all respects.

We are proud that our extensive product range is still manufactured exclusively here in the UK at our purpose built factory in Rainford, St Helens.

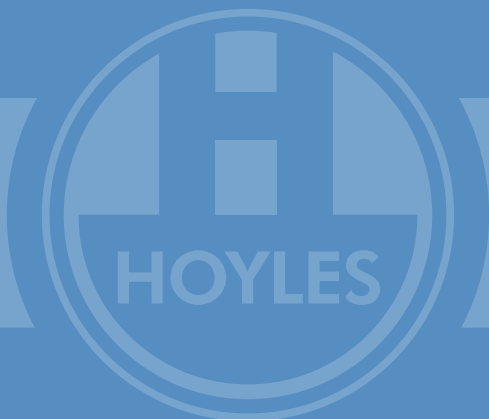




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Security

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Buy online at www.hoyles.com

Door Alarms Exitguard 100 Series

The Exitguard 100 series is the ideal solution for protecting emergency exit doors in all types of buildings. The Exitguard uses a two position Keyswitch for setting the alarm. The integral sounder has two selectable tones to enable the alarm condition to be distinguished from any other alarms in the vicinity. The alarm can be silenced and reset using the keyswitch or the Exitguard can re-arm automatically after a preset delay once the door has been closed. (All Exitguards are supplied complete with door contact and fixings).



EX104G | EX105G | EX106G



EX104R | EX105R | EX106R

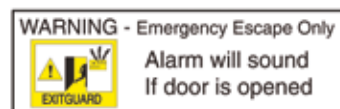


EX105SF

- High power 105db sounder
- Tamper switch
- Selectable alarm tones
- Reduced alarm tone feature
- Chime facility
- Alarm relay output (12vdc & mains versions)
- Battery condition monitor
- LED for visual alarm indication
- Long battery life
- Optional door open too long delay 15 secs
- Battery, 12vdc & mains versions
- Auto reset/re-arm option
- Function change by internal jumpers



DDC/KIT



LAB35202 | LAB35084

MODEL COMPARISON	EX104G/EX104R	EX105G/EX105R	EX105SF	EX106G/EX106R
Battery Monitor	✓	✗	✗	✓
Supply Voltage	7v -14vdc batteries	12vdc -14vdc	12vdc -14vdc	220/240vac
Supply Current	35µA quiescent 80mA max	45mA quiescent 155mA max	45mA quiescent 155mA max	< 0.5A
Batteries (supplied)	6 x AA alkaline	✗	✗	6 x AA alkaline
105db Sounder	✓	✓	✓	✓
Alarm Relay Contacts	✗	SPCO 1A 30vdc	SPCO 1A 30vdc	SPCO 1A 30vdc
Auxiliary Power O/P	✗	✗	✗	200mA @12vdc

CODE	DESCRIPTION
EX104G	Battery powered Exitguard. 175 x 125 x 60 tapering to 50mm
EX105G	12vdc powered Exitguard with alarm output relay. 175 x 125 x 60 tapering to 50mm
EX105GTKM	12v Exitguard with key monitor and key trapped in off position
EX105GKM	12v Exitguard with key monitor
EX106G	Mains powered Exitguard with alarm output relay. 175 x 125 x 60 tapering to 50mm
EX104R	RED LABEL Battery powered Exitguard
EX105R	RED LABEL 12vdc powered Exitguard with alarm output relay
EX105RTKM	RED LABEL 12v Exitguard with key monitor and key trapped in off position
EX105RKM	RED LABEL 12v Exitguard with key monitor
EX106R	RED LABEL Mains powered Exitguard with alarm output relay

CODE	DESCRIPTION
EX105SF	Stainless Steel 12vdc powered Exitguard with alarm output relay. Dimensions 180 x 125 x 43mm, back box 100 x 40mm
CG100	Protective Cage 205 x 150 x 70mm (n.b. Not supplied with fixing, for anti-tamper screws see page 44) . Purpose designed for the protection of our Exitguard, DorWatcher, Zoneguard, Aidalarm and Stop n Search models from vandalism and misuse. The cage has openings to allow for normal operation.
KSW/750000S	Spare Keys
LAB35084	2mm Rigid sign 300 x 90mm – Warning Emergency Escape Only
LAB35202	Red Door Alarmed Label 170 x 90mm
DDCKIT	Double door contact kit for Exitguard and DorWatcher



Door Alarms Exitguard 200 Series

The Exitguard is the ideal solution for protecting emergency exit doors in all types of buildings. Simple to install, simple to use! An Ear Piercing 108db sounder is activated when the door is opened to warn those in the vicinity that security has been breached. Programmable options allow virtually any door alarm requirement to be catered for.



EX204 | EX205 | EX206



CG100



EXF2S/BK | EXF2S/DK | EXF2S/MK

Staff Pass Door Alarm

The Staff Pass Kit is an ideal alarm for doors where staff have to frequently pass through i.e. store room, where the door needs to be alarmed. All kits are supplied complete with push to exit button.

- High power 108db sounder
- Six selectable alarm tones
- Auto reset/re-arm adjustable from 0 – 88 seconds
- Front and back acting tamper switch
- Manager code and separate user code
- Bleep in off option reminds users that Exitguard is switched off
- Alarm strobing LED's for visual alarm indication
- Chime facility
- Alarm relay outputs on EX205 and EX206
- Separate Door Open Too Long delays for keypad reset
- Auto re-arm modes 0 – 88 minutes
- Output for Multiguard connection
- Adjustable Isolation time

MODEL COMPARISON	EX204	EX205	EX206
Battery Monitor	✓	✗	✓
On/Off Monitoring Relay	✗	SPCO 1A 30vdc	✗
Supply Voltage	Battery or 7v -14vdc	12vdc -14vdc	220/240vac
Supply Current	35µA quiescent 80mA max	45mA quiescent 155mA max	< 0.5A
Batteries (supplied)	6 x AA alkaline	✗	6 x AA alkaline
108db Sounder	✓	✓	✓
Alarm Relay Contacts	✗	SPCO 1A 30vdc	SPCO 1A 30vdc
Auxiliary Power O/P	✗	✗	200mA @12vdc

CODE	DESCRIPTION
EX204	Battery/12vdc powered EXITGUARD 175 x 125 x 60mm tapering to 50mm
EX205	12vdc powered EXITGUARD with alarm & ON/OFF monitoring relays 175 x 125 x 60mm tapering to 50mm
EX206	Mains powered EXITGUARD with alarm output relay 175 x 125 x 60mm tapering to 50mm
EXF2S/BK	Battery powered Staff Pass Kit (EX204 & Exit Button)
EXF2S/DK	12vdc powered Staff Pass Kit (EX205 & Exit Button)
EXF2S/MK	Mains powered Staff Pass Kit (EX206 & Exit Button)
CG100	Protective Cage 205 x 150 x 70mm (n.b. Not supplied with fixing, for anti-tamper screws see page 44). Purpose designed for the protection of our Exitguard, DorWatcher, Zoneguard, Aidalarm and Stop n Search models from vandalism and misuse. The cage has openings to allow for normal operation.
FIX/16	Pack of 4 anti tamper screws N#8 x 2" Pin Torx Button head
FIX/16/ATS	Pin Torx anti tamper screwdriver bit to suit FIX/16
LAB35084	2mm Rigid sign 300 x 90mm – Warning Emergency Escape Only



Door Alarms Exitguard EX125i

Designed specifically for use with intruder alarm systems, the Exitguard EX125i is the ideal solution for security of fire exit doors in Supermarkets, Hotels, Restaurants, Warehouses, Leisure Centres and all types of public buildings. It satisfies the requirements of both fire and security officers. An integral high power sounder is activated when the door is opened to warn those in the vicinity that security has been breached. Any alarm or fault is communicated to the main intruder alarm system using a fully supervised loop circuit. This Exitguard uses a two position keyswitch for setting the alarm. The integral sounder has selectable tones to enable the alarm condition to be distinguished from any other alarms in the vicinity.

The alarm can be silenced and reset using the keyswitch. An auto sounder reduction feature is incorporated to attenuate the sounder after a preset period to reduce the annoyance caused if the key holder is not immediately available. However, the sounder will restart if the door is opened again.

The Bleep In Off (BIO) function can be enabled to provide a local audible and visual indication when the Exitguard is turned off. This reduces the likelihood of the Exitguard being left turned off. Selectable resistors on the alarm circuits allow for compatibility with key intruder panel manufacturers' systems.

- Designed for intruder systems
- High Power Piezo Sounder 108dB @1m
- Visual Alarm Indication
- Keyswitch Control with random key numbers
- Audible/visual warning when turned off (BIO)
- On/off monitor output
- Tamper Switch
- Selectable resistor values for alarm output
- Simple Function Change by Internal Jumpers
- Compatible with key panel manufacturers



EX125i

Zone Omit Unit Zoneguard

Complying with EN50131 Grade 3, this zone omit unit fits between intruder detection devices and a control panel to allow the devices to be securely and safely omitted and reinstated without generating false alarms. Passive infrared detectors with anti mask as well as our grade 3 door contact DCS/G3 can be used with Zoneguard. The unique design of the Zoneguard allows the various 'end of line' resistors for each condition to be passed through to the control panel unimpeded. In this way the detectors resistors are monitored directly by the panel.

In its simplest mode Zoneguard uses its integral keyswitch to omit or reinstate up to two detection zones. Other modes are available using the integral keypad or external devices such as remote keyswitches, keypads, biometric readers etc.

- Omits two detection zones
- High security keyswitch
- Nine digit keypad
- Dual responsibility mode (optional)
- Integral local sounder options
- Output for remote sounder
- Front and Rear acting tamper switch
- Zone/Fault LED's
- Independent zones omitted relay
- Remote re-instate input
- Timed entry/exit modes
- Non-volatile memory



ZG800



DCS/G3



CG100

CODE	DESCRIPTION
EX125i	Exit Door Alarm for use with intruder panels. Dimensions 175 x 125 x 60mm tapering to 50mm
ZG800	Zoneguard - Zone Omit Unit. Dimensions 175 x 125 x 60mm tapering to 50mm
ZGKEY	ZG spare key - Minimum order quantity 3
CG100	Protective Cage - Dimensions 205 x 150 x 70mm
FIX/16	Pack of 4 anti tamper screws N#8 x 2" Pin Torx Button head
FIX/16/ATS	Pin Torx anti tamper screwdriver bit to suit FIX/16
DCS/G3	Grade 3 surface mount door contact



Indicator Panel Multiguard

The Multiguard 2000-6 is a general purpose six zone indicator panel. The enclosure design is such that virtually any system size can be met by stacking units together. If more than twelve zones are required a special made to order panel may be more appropriate, see page 50. To cater for the many different requirements of the emergency alarm market the Multiguard is supplied in a number of different versions, each of which offers a remarkable degree of flexibility. Master panels with or without PSU are available together with repeater panels for indicating alarms at remote locations.



Multiguard



Multiguard with Keyswitch

- Simple to operate and understand
- Integral PSU & battery option
- Open or closed circuit inputs
- Unique labelling system
- Zone isolate option
- Perimeter alarm systems
- Personal attack systems
- Fire door alarm systems
- Deep freeze alarms
- Flexible operation to suit most management regimes

MODEL	MG212000	MG212100	MG222000	MG216000	MG216100	MG216010	MG216110	MG226000
Type	Master no PSU	Master C/W PSU	Repeater for MG212XXX	Master no PSU	Master C/W PSU	Master no PSU	Master C/W PSU	Repeater for MG216XXX
Nº of Zones	6	6	6	6	6	6	6	6
Silence Button	Global	Global	Global	1 Per Zone	1 Per Zone	1 Per Zone	1 Per Zone	1 Per Zone
Reset Button	Global	Global	Global	1 Per Zone	1 Per Zone	1 Per Zone	1 Per Zone	1 Per Zone
Zone Isolate	X	X	X	Optional	Optional	✓	✓	Optional
Integral PSU	X	12vdc 200ma	X	X	12vdc 200ma	X	12vdc 200ma	X
Battery	X	12v 0.8Ahr	X	X	12v 0.8Ahr	X	12v 0.8Ahr	X
Output Relay	Global DPCO	Global DPCO	X	Global DPCO	Global DPCO	Global DPCO	Global DPCO	X
Lamp Test	X	X	X	✓	✓	✓	✓	✓
Keyswitch	X	X	X	X	X	✓	✓	X

CODE	DESCRIPTION
MG212000	6 Zone master (no PSU or battery). Dimensions 197 x 137 x 72mm.
MG212100	6 Zone master with integral PSU and rechargeable battery. Dimensions 197 x 137 x 72mm.
MG222000	6 Zone look alike repeater for MG212XXX series. Dimensions 197 x 137 x 72mm.
MG216000	6 Zone master with individual zone reset buttons (no PSU or battery). Dimensions 197 x 137 x 72mm.
MG216100	6 Zone master with individual zone reset, PSU, battery. Dimensions 197 x 137 x 72mm.
MG216010	6 Zone master with individual zone reset, isolate (no PSU or battery). Dimensions 197 x 137 x 72mm.
MG216110	6 Zone master with individual zone reset, isolate, PSU, and battery. Dimensions 197 x 137 x 72mm.
MG226000	6 Zone look alike repeater for MG216XXX series. Dimensions 197 x 137 x 72mm.
BAT12V800LA	Replacement 12 volt 0.8Ahr rechargeable battery for MG2121XX & MG2161XX

Multiguard Output Cards

MG02000P is a low power driver card used for individual zone outputs to drive small buzzers and LED's. This unit is supplied on a double gang pattress plate. MG030000 is a relay card providing volt free changeover contacts for each zone. This needs to be housed separately. The boxed version MG30000/B as featured right is also available.



CODE	DESCRIPTION
MG02000P	6 Zone LED or low power sound driver card
MG030000	6 Zone relay output card
MG030000/B	6 Zone relay output card - boxed. Dimensions 145 x 222 x 75mm.



Key Boxes Keyguard

The Keyguard is not your average key box. It has been designed with safety as well as security in mind. The Keyguard is able to take both keys and cards and is available with or without alarm facilities, either battery powered alarm or simply as a single pole micro switch for connection to other equipment, making it suitable for many applications. The window is designed in such a way that it cannot be refitted after removal. The Keyguard plastic window enables it to be used in such areas as schools, food preparation areas and swimming pools. There are no shards of glass or sharp edges that could cause injury. Widely used by fire exit doors, in computer rooms, for master key storage and other situations where a key or card needs to be kept safe and secure.

- Snatch off plastic window
- Can be wired into existing alarm systems
- Integral electronic alarm 90db K1010 only
- Stores both keys and cards
- Ideal for restricted access areas
- Plastic window makes the Keyguard the ideal choice for food preparation areas
- Available in red or green

K1000

The basic version of Keyguard, ideal where no alarm or connection to security system is required.

K1010

The internal audible alarm of the K1010 is powered from a PP3 Alkaline battery (supplied). If any attempt is made to remove the plastic retention window then the alarm is sounded. The alarm can only be silenced by fitting a new window.

K1020

For connection to other systems the K1020 is fitted with a single pole changeover contact microswitch. This switch is terminated as voltage free for connection the users own equipment. The contacts are rated at 10A 240vac. They should only be used at low voltage, the case of the Keyguard is not designed to enclose mains voltages.

K1030Gr

Keyguard spare plastic windows are available in packs of four and are printed with graphical user instructions making the Keyguard truly multilingual.



K1000G | K1010G | K1020G



K1000R | K1010R | K1020R



K1030Gr

CODE	DESCRIPTION
K1000G	Standard Keyguard - Green. Dimensions 142 x 125 x 65mm
K1000R	Standard Keyguard - Red. Dimensions 142 x 125 x 65mm
K1010G	Keyguard with integral battery alarm - Green. Dimensions 142 x 125 x 65mm
K1010R	Keyguard with integral battery alarm - Red. Dimensions 142 x 125 x 65mm
K1020G	Keyguard with contacts for a remote alarm - Green. Dimensions 142 x 125 x 65mm
K1020R	Keyguard with contacts for a remote alarm - Red. Dimensions 142 x 125 x 65mm
K1030Gr	Pack of 4 Keyguard windows
BATPP3ALK	Spare PP3 alkaline 9Volt battery for K1010 Keyguards



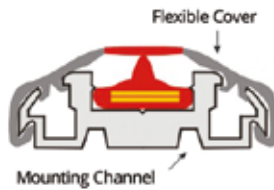
Panic Strip DaDo

LED DaDo Panic Strip
available on www.hoyles.com

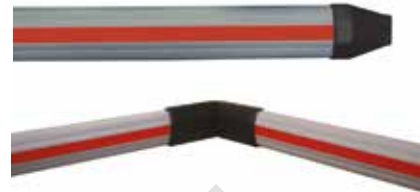


Switch strip en-cased in a high-durability housing for use as a panic or affray alarm. Ideal where people may need to signal for help or assistance, it can be operated along its entire length. The DaDo Panic Strip comprises of four main components, the switch strip, tamper-resistant top cover, aluminium mounting rail and a choice of end-caps.

- Available in long lengths
- Tamper resistant
- Waterproof
- Easy to install
- Tried and tested technology
- Available in grey/red & grey/blue
- Supplied with 100mm flying leads at each end of strip
- Channel drilled and countersunk



High Profile DaDo Cross Section



DaDo Strip | RP/DFC Flexible Corner

Notes on Ordering

- DaDo Panic strip cannot be cut to length on site
- Non-standard sizes can be ordered
- DaDo Panic Strip **cannot** be returned for credit if incorrectly ordered, charges will apply for alterations.
- Please allow up to 10 days for delivery.

End-cap Options

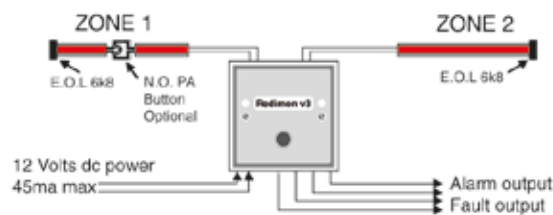
Black or white end-cap kits for standard installations. Each DaDo Strip is supplied with two trunking end-caps designed to fit 25 x 15mm trunking for installations where cables are run externally and two closed end-caps for installations where cables have been embedded. Flexible corners allow the DaDo Panic Strip to flow around internal and external corners without a break. LED Illuminated end-caps when used with a suitable control panel will show that assistance is on its way. Please note that when LED end caps are specified, a kit is provided to illuminate one end of the DaDo only, both end caps are white in colour.



End of Line Monitor Redimon

Redimon is a latching monitor unit for monitoring one or two zones of Panic Strip to give alarm and fault conditions. An end of line resistor (6K8) is fitted at the far end of the strip. By pressing the Panic Strip it creates a short circuit, which will be detected as an alarm condition or if it becomes disconnected in any way a fault condition is generated. Redimon requires 12vdc and provides volt-free change over contacts for both alarm and fault. The alarm contacts will latch until the reset button is pressed.

Status LED's illuminate green for system healthy, red for alarm and alternate red and green for fault condition. This latest version of Redimon includes the ability to require the Panic Strip to be pressed twice within a 5 second period to generate an alarm condition if required. (10k EOL required) can also be used to create double press buttons.



Redimon/3

CODE	LENGTH IN MM
RPD00250	250
RPD00500	500
RPD00750	750
RPD01000	1000
RPD01250	1250
RPD01500	1500
RPD01750	1750
RPD02000	2000
RPD02250	2250

CODE	LENGTH IN MM
RPD02500	2500
RPD02750	2750
RPD03000	3000
RPD03250	3250
RPD03500	3500
RPD03750	3750
RPD04000	4000
RP/DFC	Flexible Corner
Redimon/3	End of Line Monitor 85 x 85 x 32mm



Relays

Comprehensive range of relays to suit many different requirements. If you don't see what you need please call us.



S312N | S312N/24



S312N-B-PSU



S312P | S312P/24



S312T | S312T/24



S312T-B-PSU



S320 | S320/24



S351 | S351/24



S351-B



S351-B-PSU



S451



S451-B



A6004

*AC versions available upon request

Custom Programmed relays are available to perform any non-standard functions you require, please call **01744 886600** for details.

CODE	DESCRIPTION
*S312N	Transistor driven DPCO relay module. Accepts a variety of input conditions, DC voltage, CC, OC, logic, etc. Requires a supply of 12vdc at 30mA. Contacts rated at 1A
*S312N/24	As above. Requires a supply of 24vdc at 30mA. Contacts rated at 1A
S312N-B-PSU	S312N relay module in a steel enclosure with a 2A 12vdc PSU
S312P	As S312N but inverse operation. Requires a supply of 12vdc at 30mA
S312P/24	As S312N/S312P-24 but inverse operation. Requires a supply of 24vdc at 35mA
*S312T	As S312N can be used as a short duration timer (3-60 sec). Requires a supply of 12vdc at 30mA
*S312T/24	As S312N/24 but can be used as a short duration timer (3-60 sec). Requires a supply of 24vdc at 35mA
S312T-B-PSU	S312T relay module in a steel enclosure with a 2A 12vdc PSU
S320	A transistor driven SPCO relay module. Requires a supply of 12vdc at 35mA. Contacts rated at 1A
S320/24	A transistor driven SPCO relay module. Requires a supply of 24vdc at 25mA. Contacts rated at 1A
S351	A microprocessor controlled timer relay. Accepts a whole range of start functions as well as A-stabling. Features two timing ranges, 0-60 sec and 0-60 min. Requires a supply of 12 at 80mA
S351/24	A microprocessor controlled timer relay. Accepts a whole range of start functions as well as A-stabling. Features two timing ranges, 0-60 sec and 0-60 min. Requires a supply of 24vdc at 85mA
S351-B	As S351 supplied in a plastic single gang sized enclosure
S351-B-PSU	S351 relay module in a steel enclosure with a 2A 12vdc PSU
S451	False alarm filter is an interface relay that sits between a detector and an intruder alarm control panel to filter out occasional trips caused by the environment.
S451-B	As S451, supplied in a plastic single gang sized enclosure
A6004	This unit is designed for use with any slow acting normally open contact that closes for an alarm and opens when the alarm is clear. Typical examples include water level switches and fridge/freezer over temperature switches.



Relays



24 volt versions are available at request and online at www.hoyles.com

CODE	DESCRIPTION
S342-1	A 12vdc DPCO relay mounted on a PCB with screw terminals and holes for mounting on nylon pillars. Contacts rated at 1A. Requires 12vdc at 20mA
S342-20	A panel of 20 x S342-1 modules. Snap individual relays off the panel as required. Ideal for van stock.
S342-2	Two independent 12vdc DPCO relays mounted on a PCB with screw terminals and holes for mounting on nylon pillars. Contacts rated at 1A. Requires 12vdc at 20mA per relay
S342-2B	Two independent 12vdc DPCO relays mounted on a PCB with screw terminals. Supplied in a plastic single gang sized enclosure complete with tamper switch. Contacts rated at 1A.
S342-3	Three independent 12vdc DPCO relays mounted on a PCB with screw terminals and holes for mounting on nylon pillars. Contacts rated at 1A. Requires 12vdc at 20mA per relay
S342-3B	Three independent 12vdc DPCO relays mounted on a PCB with screw terminals. Supplied in a plastic single gang sized enclosure complete with tamper switch. Contacts rated at 1A.
S342-4	Four independent 12vdc DPCO relays mounted on a PCB with screw terminals and holes for mounting on nylon pillars. Contacts rated at 1A. Requires 12vdc at 20mA per relay
S342-4B	Four independent 12vdc DPCO relays mounted on a PCB with screw terminals. Supplied in a plastic single gang sized enclosure complete with tamper switch. Contacts rated at 1A.
S361	12vdc DPCO relay 5A contacts. Requires 12vdc at 60mA
S361-MB	A 12vdc DPCO relay with 5A 250vac mains rated contacts. Supplied in a plastic single gang sized enclosure complete with tamper switch. 24vdc version available on request. Requires 12vdc at 60ma.
S361-MK	Mains rated relay kit: The first enclosure is tampered and contains a relay with single pole change over contacts rated 5A at 250vac or 12/24vdc. The relay coil requires 12vdc to operate. The second enclosure is a junction box providing a replication of the SPCO contacts. An earth terminal is provided for termination of an in coming mains cable. A loop of cable is provided within the kit to connect the two enclosures together. Requires 12vdc at 60mA
VQ16297	Boxed 10mA mains rated relay



Protective Cages Flush Mount

We stock a comprehensive range of cages designed to protect many different products such as smoke detectors, fire bells and fluorescent lighting from vandalism and misuse.



CG100



STI 9604/STI 9606



STI 9604-SS



STI 9609

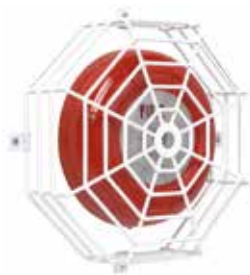


STI 9609-SS



STI 9601

- Constructed from heavy duty galvanised steel rod
- Plastic coated for durability and external use
- Optional tamper resistant fixings available (see page 44)
- Protects against vandalism or accidental damage
- Lifetime guarantee against breakage in normal use
- Custom cages built to order



STI 9631



STI 9713

CODE	DESCRIPTION
CG100	Designed for the protection of our Exitguard, Dorwatcher, Zoneguard, Aidalarm and Stop n Search models from vandalism and misuse. The cage has openings to allow for normal operation of the units. Dimensions 205(h) x 150(w) x 70(d) mm
STI 9604	Low profile 75 depth x 175 max diameter x 125mm min diameter
STI 9606	Low profile 95 depth x 175 max diameter x 110mm min diameter
STI 9604-SS	Low profile 75 depth x 175 max diameter x 125mm min diameter – Stainless Steel finish
STI 9609	Low profile 124 depth x 215 max diameter x 78mm min diameter
STI 9609-SS	Low profile 124 depth x 215 max diameter x 78mm min diameter – Stainless Steel finish
STI 9601	Low profile 70 depth x 210 max diameter x 150mm min diameter
STI 9631	Clock & Bell box cage 270 x 152 mm diameter
STI 9713	Low profile 63 depth x 174 max diameter x 50mm min diameter (for flush photoelectric detectors)



Protective Cages Surface Mount



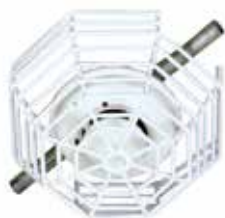
STI 9605



STI 9605-SS



STI 9610



STI 9602



STI 9624



STI 9644



STI 9620



STI 9880/STI 9881



STI 9617

CODE	DESCRIPTION
STI 9605	High profile 115 depth x 180 max diameter x 100mm min diameter
STI 9605-SS	High profile 115 depth x 180 max diameter x 100mm min diameter - Stainless Steel finish
STI 9610	High profile 145 depth x 214 max diameter x 85mm min diameter
STI 9602	High profile 108 depth x 215 max diameter x 155mm min diameter
STI 9624	Smoke Beam Cage 225(h) x 140(w) x 120(d) mm
STI 9644	Emergency Exit Light Guard 220(h) x 450(w) x 128(d) mm
STI 9620	PIR Cage 156(h) x 102(w) x 57(d) mm
STI 9880	Fluorescent Light Guard Min Length 1200mm - Max Length 1500mm, Min Width 110mm - Max Width 235mm, Depth 152mm
STI 9881	Fluorescent Light Guard Min Length 1800mm - Max Length 2400mm, Min Width 110mm - Max Width 235mm, Depth 152mm
STI 9617	Beacon/Sounder cage 127 x 149mm diameter



Random Searching Stop n Search

Stop n Search can be used on leaving or entering premises where staff pilfering is suspected or the carrying of weapons or drugs may be a problem. The selection frequency is set up on installation but can be changed to suit changing circumstances. The selection frequency can be set as 2, 5, 10, 20, 30, 50, 70 or 90 percent. If for example a selection frequency of 30% is used then each button press has a 30% chance of being selected.

Statistically 30 people in 100 will be selected. However, it is possible for everyone or no-one to actually be selected. It is random. It is impossible to control the randomness or create a guessable pattern. The software generates a selection if the button is permanently pressed in order to deter users from trying to disable the system. A facility is incorporated to allow a no search condition if staff are not available to conduct a search but still give the impression that the random search regime is in use.

There are two versions of Stop n Search, a battery operated unit for regular use and a more sophisticated mains powered unit that can be used to control an exit door and signal to a remote equipment.

- Adjustable selection frequency
- Battery & mains powered versions
- Audible Bleep & Led Indicator
- Random Inspection/Selection
- Touch button or remote input
- Cuts out discrimination and deters staff pilfering



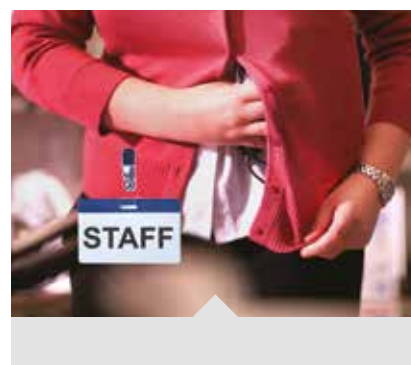
TAG2



TAG3



CG100

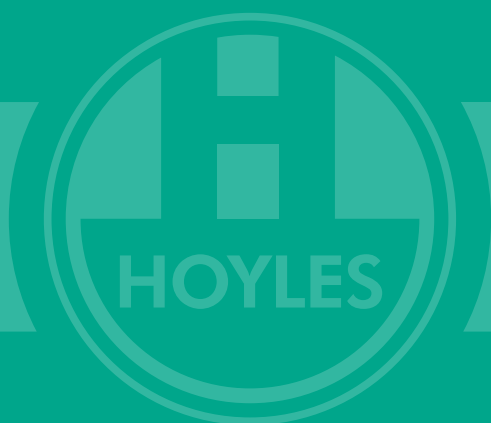


CODE	DESCRIPTION
TAG2	Battery powered Stop n Search Heavy traffic version. Dimensions 175 x 125 x 60mm tapering to 50mm.
TAG3	Mains powered Stop n Search Heavy traffic access/egress version. Dimensions 175 x 125 x 60mm tapering to 50mm.
BAT1.5ALK	Spare AA size 1.5 volt alkaline battery for Stop n Search (3 required)
CG100	Protective Cage 205 x 150 x 70mm (n.b. Not supplied with fixing, for anti-tamper screws see page 44) . Purpose designed for the protection of our Exitguard, DorWatcher, Zoneguard, Aidalarm and Stop n Search models from vandalism and misuse. The cage has openings to allow for normal operation.
FIX/16	Pack of 4 anti tamper screws N#8 x 2" Pin Torx Button head
FIX/16/ATS	Pin Torx anti tamper screwdriver bit to suit FIX/16



Access

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Buy online at www.hoyles.com

Door Interlocking Interguard IG432

The range of Interguard door interlock controllers provide comprehensive options for the interlocking of doors and other access control hardware such as roller shutters, traffic bollards and gates. The use of any type of electronic lock is catered for as is integration with other systems including access control and fire alarms. Specified in numerous industries including security, cash handling, jewellers and pharmaceuticals, Interguard delivers a comprehensive solution.

Interlocking in its simplest form is for 2 doors where only one door can be open at any one time.

Secure interlocking	Non secure interlocking	Operational indications	Breach relay conditions
Keeps all doors closed and locked and releases the relevant door on request only if available to be released. i.e. all other doors are locked.	Keeps all doors closed but unlocked, and locks the other doors if a door is opened.	Red/Green indicators are provided at each door. Combinations of steady and flashing red and green lights indicate the status of the door.	Indications for power loss, forced doors and doors left open on all models. IG432 and IGPX8 additionally include inputs for fire alarm conditions.

The IG432 provides interlocking of 2, 3 or 4 doors. In addition to straight forward interlocking the 4 doors can be interlocked in two groups which share a common door. i.e. one 2 door interlock and another 2 or 3 door interlock where one door of each group is actually the same door. A privacy function is also available which with the use of an additional push button (S1726S) allows two of the doors to be locked for example as a changing room.

- Interlocking of up to 4 doors
- Adjustable dwell times
- Integral 12vdc 5A power supply
- Adjustable Door Open Too Long times
- Secure or non secure interlocking
- 2/3 door with common door option
- Door status indications
- Privacy function
- Fire alarm inputs
- Range of accessories available
- Various breach relay outputs
- Comprehensive kits available



IG432



Interlock Kits

Complete 2, 3 and 4 door kits

The kits listed below provide all of the components (excluding locks, door contacts and cable) required to install fully working interlock systems. Locks are available separately

Comprehensive Kit Part Numbers (Kits do not include locks or cable)

IG432K2	2 Door Kit. Comprises 1 x IG432 Controllers, 4 x S1718S Press to Release pushbutton with RED/GREEN indication, 2 x RP-GS-02 break glass units, 1 x S1719S keyswitch and 1 x S1788PY High power sounder with 8 ultra bright YELLOW LED's.
IG432K3	3 Door Kit. Comprises 1 x IG432 Controller, 6 x S1718S Press to Release pushbutton with RED/GREEN indication, 3 x RP-GS-02 break glass units, 1 x S1719S keyswitch and 1 x S1788PY High power sounder with 8 ultra bright YELLOW LED's.
IG432K4	4 Door Kit. Comprises 1 x IG432 Controller, 8 x S1718S Press to Release pushbutton with RED/GREEN indication, 4 x RP-GS-02 break glass units, 1 x S1719S keyswitch and 1 x S1788PY High power sounder with 8 ultra bright YELLOW LED's.

CODE DESCRIPTION

IG432	Interguard 2/3/4 door control unit with steel case & 5A PSU. Dimensions 400 x 300 x 95mm.
IG4320	Interguard 2/3/4 door control unit with steel case no PSU. Dimensions 400 x 300 x 95mm.
IG528	Interguard 5/6/7/8 door control unit with steel case & 5A PSU. Dimensions 400 x 300 x 95mm.

Interguard Kits

IG432K2	Complete 2 door Interguard kit
IG432K3	Complete 3 door Interguard kit
IG432K4	Complete 4 door Interguard kit



Door Interlocking Interguard IGPX8

Fully programmable, the IGPX8 allows the interlocking of up to 8 doors in any combination imaginable. A simple programming system allows for the on-site configuration of site specific requirements. This also allows for the instant alteration of the interlocking to meet customers ever changing needs.

- Interlocking of up to 8 doors
- Various breach relay outputs
- Integral 12vdc 5A power supply
- Adjustable dwell times
- Secure or non-secure interlocking
- Adjustable Door Open Too Long times
- Door status indications
- Range of accessories available
- Fire alarm inputs



IGPX8

Door Interlocking Interguard IG222

Ideally suited to supervised operation, the IG222 is a 2 door interlock system with built in door release controls. While the built in door release buttons can be used to release doors, additional remote push buttons can be added if required. The integral key switch can be connected for various uses including isolating local door controls and releasing or locking both doors. Requires a separate 12 or 24vdc power supply.

- Interlocking for 2 doors
- Breach/fault relay
- Secure or non-secure interlocking
- Adjustable dwell times
- Door status indications
- Adjustable Door Open Too Long times



IG222

Looking for accessories?

Accessories for the Interlock range are available overleaf.

Need more information?

Hoyles have a huge amount of experience in solving interlocking problems across many industries, from high security applications, cash handling, jewellers and police stations to critical applications in pharmaceutical, medical and food production.

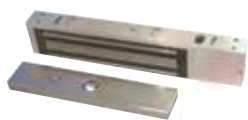
Whatever your interlocking problem, Hoyles will have the answer. Call us now to discuss your requirements in detail.

CODE	DESCRIPTION
IGPX8	Interguard 8 door programmable interlock controller. Dimensions 600 x 400 x 120mm.
IG222	2 Door Interlock with Keyswitch (Plastic Case). Dimensions 175 x 125 x 60mm tapering to 50mm.



Door Interlocking Accessories

Magnetic locks suitable for use with all our Interguards and Shared Bathroom range.



AS8529 | AS8530



AS8521 | AS8523



AS8522 | AS8524



AS8534 | AS8535

CODE	DESCRIPTION
AS8529	Mini Magnetic Lock - Holding Force: 250kg/550lbs
AS8530	Mini Magnetic Lock - Monitored - Holding Force: 250kg/550lbs
AS8521	L bracket for mounting Mini Magnetic Locks on outward opening doors
AS8522	Z & L brackets for mounting Mini Magnetic Locks on inward opening doors
AS8534	Standard Magnetic Lock - Holding Force: 510kg/1120lbs
AS8535	Standard Magnetic Lock - Monitored - Holding Force: 510kg/1120lbs
AS8523	L bracket for mounting Standard Mag Locks on outward opening doors
AS8524	Z & L brackets for mounting Standard Mag Locks on inward opening doors
AS9539	12vdc Fail Secure Mortice door lock
AS9557	12vdc Fail Safe Mortice door lock

Ancillary buttons and accessories.



S1717S | S1717SJM



S1718S



S1718KSW



S1719S



S1788PY



S1726S



S1712SGPTR



RP-GS-02

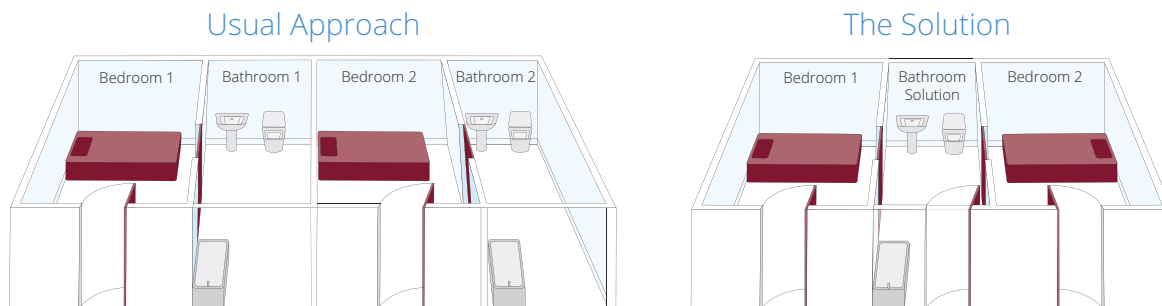
CODE	DESCRIPTION
S1717S	Door status indicator with Red and Green LED's S/S. Requires 12vdc at 40mA
S1717SJM	Door status indicator with jumbo Red and Green LED's S/S. Requires 12vdc at 100mA
S1718S	Press to Release button with door status LED's S/S. Requires 12vdc at 40mA
S1718KSW	Request to Release keyswitch with door status LED's. Requires 12vdc at 40mA
S1719S	Interguard Maintenance Keyswitch

CODE	DESCRIPTION
S1788PY	High Power (108dB) sounder with 8 ultra bright Yellow LED's and selectable tones. Separate drives for LED and buzzer.
S1726S	Press to Lock/Unlock Privacy Button
S1712SGPTR	Mushroom headed momentary action Press to Release button. Requires 12vdc at 40mA
RP-GS-02	Resettable SPCO Emergency Release Call Point in Green



Shared Bathroom Solutions

Sharing one bathroom between two rooms is an effective way to utilise building space and can save an entire bathroom worth of floor space and the costs of sanitary ware.



Basic Shared Bathroom Solution

Suited to domestic and commercial applications, our Basic Shared Bathroom Solution provides an electronic means of locking two doors of a shared bathroom at the press of a single button. It can provide LED indication of the door lock status inside and outside of the bathroom. The system ensures that one user cannot vacate the bathroom leaving another user's door locked as they could using mechanical locks. What the basic system does not prevent is persons using the bathroom to pass from one room to another.

CODE	DESCRIPTION
IGSFB	Basic Multi-Function Bathroom Controller
IGSFBKIT	Basic Shared Bathroom Kit includes: 1 x IGSFB – Multi Function Bathroom Controller, 1 x S1720SI - Internal door control button with, 2 x MR12FS Fail safe mortice door lock, 2 x DCS/Flush fitting magnetic door contact.
S1720SI	Internal door control button with LED's.
S1720IN	External Vacant/Engaged LED indicators
RP-GS-02	Emergency door release unit
MR12FS	12VDC fail safe mortice door lock

Advanced Shared Bathroom Solution

The Advanced System is typically used in Care Homes, Hospitals, Schools and other public buildings. Our Advanced Shared Bathroom Solution provides secure door control preventing the bathroom from being used as a passageway, without the use of any mechanical locks. Its advanced assistance alarm ensures access to the bathroom in an emergency and prevents 'hogging.'

- Maintains security between two bedrooms
- Ensures privacy
- Reduction in building costs
- Visual indication of status
- Auto call for assistance after extended occupancy time
- Incorporated BS8300 compliant assistance alarm
- Assistance called if door left open preventing second user from using
- Audio visual reassurance for assistance alarm
- For legitimate extended occupancy assistance sounder can be reduced to a reminder bleep
- Automatically releases door for assistance
- 3 door option available

CODE	DESCRIPTION
Controllers	
IGSFC-2	Advanced Shared Bathroom Controller - 2 door version
IGSFC-3	Advanced Shared Bathroom Controller - 3 door version
Kits - Controllers plus accessories	
IGSFKIT-2	Advanced Shared Bathroom Solution Kit - 2 door version kit includes: 1 x IGSFC-2 controller, 2 x Mini Magnetic locks AS8529, 2 x door contact DCS/INT, 2 x S1720SI internal door control button with LED's, 2 x S1720SX external door control button with LED's, 1 x S1600-R Pull Cord, 1 x S1708S Reset Button, 1 x S1703P Remote assistance indicator with silence button, 1 x HR100 presence sensor, 2 x S1778SR Overdoor light/sounder, 2 x Emergency door release unit, 1 x S1709S system disable keyswitch.
IGSFKIT-3	Advanced Shared Bathroom Solution Kit - 3 door version kit includes: 1 x IGSFC-3 controller, 3 x Mini Magnetic lock AS8529, 3 x door contact DCS/INT, 3 x S1720SI internal door control button with LED's, 3 x S1720SX external door control button with LED's, 1 x S1600-R Pull Cord, 1 x S1708S Reset Button, 1 x S1703P Remote assistance indicator with silence button, 1 x HR100 presence sensor, 3 x S1778SR Overdoor light/sounder, 3 x Emergency door release unit, 1 x S1709S system disable keyswitch.

Alarmed Call Point

The ACP100G Alarmed Call Point provides a highly visible deterrent to the misuse of Emergency Release "break glass units". Upon operation of the Emergency Release, clean SPCO contacts are provided to allow the direct disconnection of power to electronic locks, at the same time the 105dB sounder activates and an LED flashes to alert staff in the vicinity that the Emergency Release has been activated. Once activated the sounder may be silenced using the incorporated keyswitch, although while the keyswitch is in the isolated position the sounder will bleep every 30 seconds to warn that the system has not been reset. The system will only fully silence once the Call Point has been reset and the keyswitch returned to the armed position. The Emergency Release also incorporates a simple cover to prevent accidental operation.

- Resettable Call Point with highly visible deterrent
- Prevents Emergency Release being left "broken"
- Provides direct disconnection of lock power
- High Power Piezo Sounder 105dB
- 12-24 vdc powered
- Keyswitch allows temporary isolation of alarm
- Bleep when isolated function
- Visual Alarm Indication
- Simple Function Change by Internal Jumpers

Optional advanced features include:

- Fire alarm/access control input to suppress alarm
- Delayed egress function



ACP100G

Engaged Wait Enter Entryguard

A unique engaged, wait enter system or privacy controller to provide access control and personal attack facilities for interview rooms, consulting rooms and more. A simple controller allows the room occupant to select one of three states - vacant, in use or engaged. If the door call button is pressed when the status is set to in use, audible and visual indication is given on the Entryguard, the occupant can then decide whether or not to allow entry. If the status is set to engaged, pressing the door call button results in visual only or silent interrupt indication on the Entryguard, again the occupant can then decide whether or not to allow entry to the room.

- Door call button with status LED's
- Easy to use room controller
- Incorporated PA facilities
- Optional door lock control
- Mains powered

Custom built panels are also available to suit special requirements – See page 50. Please call for a quote.



EWE100K



S1625P



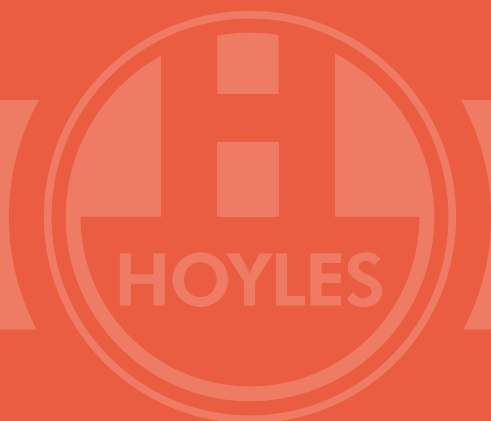
AS9539

CODE	DESCRIPTION
ACP100G	Alarmed Call Point. Dimensions 175 x 125 x 60 tapering to 50mm
EWE100K	Engaged Wait Enter kit. c/w 1 x EWE100, 1 x S1625P, 1 x 2.5m Mains Lead, 1 x 6m Multi-core Cable. Dimensions 175 x 125 x 60 tapering to 50mm
EWE100	Entryguard Controller
S1625P	Entryguard Call Button
AS9539	12VDC Fail Secure Mortice Door Strike



Fire

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Buy online at www.hoyles.com

Door Retainer Dorgard

Freedor unique wireless solution
visit www.hoyles.com



Dorgard is the simple, reliable acoustic device that holds a fire door open in any position automatically releasing the door should a fire alarm sound. When Dorgard is holding a fire door open, it "listens" for the continuous sound of a fire alarm. Dorgard needs to "hear" a fire alarm that exceeds 65 decibels for longer than 14 seconds. At a general noise level of 80 decibels Dorgard will release. This facility has been built into the unit as a safety feature. Should the noise level in your premises exceed 80 decibels it is unlikely that you would hear a 65 decibel alarm, therefore the Dorgard releases the fire door to close.

- Battery Powered
- Battery Life 12 Months plus
- Acoustically Operated
- Wire Free
- Tough ABS Case
- Fail Safe Operation
- Simple to Install less than 5mins
- Complies with relevant Standards
- Dorgard will hold doors up to 120 Kilos

Dorgard is supplied as a kit and includes:
The Dorgard, 2 x C size batteries, fitting template, user guide, floor plate, floor grip and fixing screws.



1328-A01 DORGARD Range



1328-FERRULE



1328-COVALI | 1328-COVBRA



1328-FloorPlate

Fire Alarm for the Deaf Deafgard

Will all your guests hear the fire alarm?

Under the mandatory terms of the Disability Discrimination Act effective 1st October 2004, all hoteliers are legally obliged to make provision for the needs of the deaf and hard of hearing. Using the latest technology, Deafgard is the safe, reliable and portable choice to communicate the sounding of a fire alarm.

The sound pressure level of alarm signals should be not less than 75dB(A) at the bed head. Place the pad under the pillow if the fire alarm sounds the Deafgard hears the alarm which causes the pad to vibrate, alerting sleeping guest to fire.

- Wire free Technology solution
- Automatically operates on fire alarm
- Flashing strobe provides visual indicator
- Incorporates alarm clock facility
- Under pillow pad vibrates waking guests
- Ideal for hotels and other sleeping risk applications
- Battery Operated
- Complies with relevant BS Standards



DEAFGARD A101

Visit the Hoyles website for more from the Dorgard and Deafgard X series.

CODE	DESCRIPTION
1328-A01-BLACK	DORGARD fire door retainer (Black) - 205 x 195 x 45mm.
1328-A01-WHITE	DORGARD fire door retainer (White) - 205 x 195 x 45mm.
1328-A01-RED	DORGARD fire door retainer (Red) - 205 x 195 x 45mm.
1328-A01-BROWN	DORGARD fire door retainer (Brown) - 205 x 195 x 45mm.
1328-COVALI	Brushed Steel DORGARD Cover
1328-COVBRA	Polished Brass DORGARD Cover
1328-FERRULE	Replacement Rubber Stopper PK 5
1328-FloorPlate	DORGARD Floor Plate Kit
DEAFGARD A101	Deafgard fire alarm for the deaf - Dimensions 165 x 115mm



Buy online at www.hoyles.com

Fire Alarms GX20E

The GX20e is the simplest and most economic form of electronic fire alarm available. It features an integral Call Point and a high power (105db @ 1metre) sounder. A keyswitch is used to silence or restart the alarm.

The GX20e is a manual fire alarm for small buildings where a single standalone alarm is sufficient. However, up to 4 units can be linked with 2 core cable to form a system in which if any one Call Point is operated then all sounders will be activated. A cable monitor is included. Each unit is powered by two PP3 Alkaline batteries (supplied) that have a life expectancy of about 12 months, depending on usage. A battery condition monitor is incorporated to warn of impending battery failure.

- Simple to install and operate
- Battery fault monitor
- Integral sounder and Call Point
- Twin fire LED's
- Robust steel enclosure
- Fault LED
- Battery powered
- Keyswitch silence & restart



GX20E

Fire Alarms GX32CIE

The GX32 battery powered fire alarm system is the most advanced of its type. It is designed in such a way that even if the cables are cut or short circuited in several places the separate parts will continue to function while the fault is indicated. This enables low cost twin cable to be used. Each Call Point is battery powered and has a high power piezo sounder. A trace mode is provided to enable cable faults and battery problems to be pinpointed at the throw of a key. Inter-linkable smoke and heat alarms are similarly equipped with batteries and integral sounders. One smoke alarm can be fitted between each GX32MCP.

Sounder/Call Points (not control panel) give a sound level of at least 100db(A) at 1m to ensure almost 70db(A) at 30m distance to meet BS5839. Up to 32 Call Point/sounder units can be linked to the control. The specially developed cable has a hardened red sheath printed with the words Fire Alarm.

- Simple to install and operate
- Fault tolerant wiring
- Integral Call Point & sounder
- Two wire connection
- Keyswitch silence & restart
- Smoke detector options
- One man walk test mode
- Fault trace mode
- Twin fire LED indication
- Battery powered
- Battery fault monitor



GX32CIE



GX32KIT400 | GX32KIT402

CODE	DESCRIPTION
GX20e	Gemini battery powered fire alarm. Dimensions 195 x 137 x 70mm tapering to 60mm.
GX32CIE	Control with integral Call Point. Dimensions 175 x 125 x 60mm tapering to 50mm.
GX32MCP	Call Point with integral sounder & battery. Dimensions 175 x 125 x 60mm tapering to 50mm.
GX32SMi	Ionisation smoke detector for GX32
GX32HDI	Heat detector for GX32
GX32CAB/140	140metres twin RED fire alarm cable
CABCLIP5RBK	5mm cable clips round BLACK per 100 box
GX32KIT400	Fire alarm kit - This kit includes 1 x GX32CIE controller, 4 x GX32MCP manual Call Points, 140m of twin RED cable, clips and all the necessary fixings etc.
GX32KIT402	Fire alarm kit - This kit includes 1 x GX32CIE controller, 4 x GX32MCP manual Call Points, 2 x GX32SMi, 140m of twin RED cable, clips and all the necessary fixings etc.



Call Point Protectors

Stopper Call Point Protection. Protective cover to help stop malicious or accidental false alarms. Ideal for schools, colleges, hospitals, hotels and all public buildings where there is a history or a threat of false alarms. Cover backed by a lifetime guarantee against breakage in normal use.

When ordering please add suffix to indicate colour required: R-Red, G-Green, Y-Yellow, B-Blue.

- Constructed from tough clear polycarbonate
- Optional sounder, 96dB at 1 metre. (Powered by a 9V PP3 battery-supplied)
- Flush and surface mount available
- Optional 12 or 24 VDC powered units
- Easy to install, can retrofit over existing device
- Polycarbonate tested from -40°C to 49°C



STI**** - R / G / B / Y



STIBS



STI002



STI6503 | STI6504



STI6501 | STIE009



Enviro Stopper

Enviro Stopper (available online)

IP rated protective enclosure ideal for extending life and reliability of call points exposed to harsh environments such as wash down areas. It also offers protection against malicious operation.

Euro Stopper (available online)

Protective cover helps prevent false fire alarms without restricting legitimate operation. Ideal for schools and public buildings where there is a history or a threat of false fire alarms.



Euro Stopper

CODE	DESCRIPTION
STI6530	Flush mount Stopper, no alarm
STI6531	Surface mount Stopper, no alarm (30mm spacer supplied)
STI6532	Flush Mount Stopper, c/w battery powered integral alarm
STI6532-1224	Flush Mount Stopper, c/w 12-24vdc powered integral alarm & backup battery
STI6533	Surface Mount Stopper, c/w battery powered integral alarm (30mm spacer supplied)
STI6533-1224	Surface Mount Stopper, c/w 12-24vdc powered integral alarm & backup battery (30mm spacer supplied)
STIBS	Breakable seals (pack of 10)
STI002	Break seal conversion kit (1 x break seal retainer, 2 x break seals)
STI6501	Weather gasket conversion kit (suitable for flush and surface mount Stoppers)
STI6504	50mm Spacer ideal for use when protecting deeper equipment
STI6503	30mm Spacer
STIE009	Deactivation pin



Door Wedged Alarm DorWatcher

DorWatcher is typically used on kitchen fire doors in homes of multi-occupancy such as student accommodation to prevent cooking smoke drifting outside the kitchen causing false alarms. DorWatcher is a fully automatic Door Open Too Long alarm. The unit has no user control and is reset simply by closing the door. When the protected door is opened; the unit LED flashes. By default if the door is left open for approximately 40 seconds, the unit will chime. If the door is left open for a further 20 seconds, the unit sounds its full alarm tone. If the alarm is allowed to sound for 2 minutes the unit reduces the alarm to a tone every 30 seconds, until the door is closed. Timings are adjustable from 30 seconds to 7 minutes.

- Robust and tamper resistant
- Clear instructions displayed on the unit
- Three models available
- Surface mounting door contact provided with 1m of cable pre-connected
- Audible battery fault monitor
- Easy to install and maintain
- Optional anti-tamper screws and driver available



DW304 | DW305 | DW306



FIX/17 | FIX/17ATS



FIX/16 | FIX/16ATS



CG100

Matt Cartwright Hall Manager at City University London commented,

“We have been very happy with the DorWatcher alarms. We have experienced approximately 60% reduction in fire alarms since their installation.”

Following the installation of the DorWatcher alarms, John Allum Buildings Manager at Queen Mary University of London says,

“With regard to results, I can say that there has been a dramatic reduction in the number of unwanted fire alarms and that London Fire Brigade are happy with progress made.”

Swansea University Head of Residential Services Gareth Atkinson says,

“We can confidently state that the DorWatcher alarms have drastically reduced the number of occasions when we find kitchen fire doors propped open, this is very reassuring to us and we have had very positive comments from the Fire Service about the DorWatcher. We spent a considerable amount of last year’s safety budget on the DorWatcher units and are pleased that this decision has been vindicated.”

CODE	DESCRIPTION
DW304	Battery powered DorWatcher
DW305	12vdc powered DorWatcher
DW306	Mains powered DorWatcher
CG100	Protective Cage 205 x 150 x 70mm
FIX/17	Pack of 5 Pin Torx anti tamper screws for securing DorWatcher lid (also suitable for fixing supplied Door Contact)
FIX/17/ATS	Pin Torx anti tamper screwdriver bit to suit FIX/17
FIX/16	Pack of 4 Pin Torx anti tamper screws for securing protective cage
FIX/16/ATS	Pin Torx anti tamper screwdriver bit to suit FIX/16
DDC/KIT	Double door contact kit for Exitguard and DorWatcher



Photoluminescent Signs

Escape route sign systems should provide clear instruction for the means of escape. It is not recommended that EC signs & BS 5499 are mixed as it can cause confusion in an emergency situation. Fire Action notices give clear instructions, to all staff and public, of the correct procedures in case of an emergency. Fire Fighting Equipment signs must be used at all times, to enable quick identification of contents and the type of fire that it is safe or unsafe to use it on.



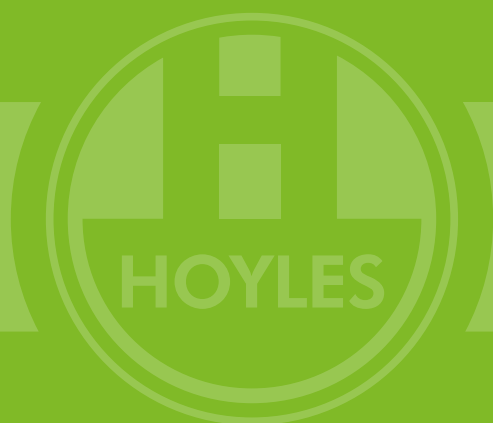
SIZE (MM)	DESCRIPTION
100 x 100	100 x 100mm sign
150 x 150	150 x 150mm sign
200 x 75	200 x 75mm sign
200 x 150	200 x 150mm sign
200 x 200	200 x 200mm sign
200 x 300	200 x 300mm sign

SIZE (MM)	DESCRIPTION
300 x 100	300 x 100mm sign
300 x 150	300 x 150mm sign
300 x 200	300 x 200mm sign
300 x 400	300 x 400mm sign
400 x 120	400 x 120mm sign



Safety

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Buy online at www.hoyles.com

Disabled Toilet Alarms Surface Mount

Aidalarm meets the requirements for emergency signalling systems for disabled persons and is fully compliant with BS8300 and the requirements of the Disability Discrimination Act. Operation – Pulling the cord or pressing the panic strip (optional) generates an alarm which is indicated audibly and visually by the overdoor light reset button and controller. An LED is also illuminated on the pull cord and reset button to give the caller re-assurance that the call has been placed. A silence button is included on the controller; all alarms must be reset using the reset button within the WC. A call button is also available to supplement the pullcord if required. (All items supplied with surface mount in back boxes).

- Audible & visual indication
- Mains/12vdc and battery powered versions
- Battery condition monitor
- Alarm relay output - A600L
- Pullcord instructions label with braille text
- Reset button with braille text
- Selectable tones
- Backup battery - A600L
- Range of optional accessories



A600LKITB | A600LKITM | A600LKITMD



A600B | A600L



S1778A



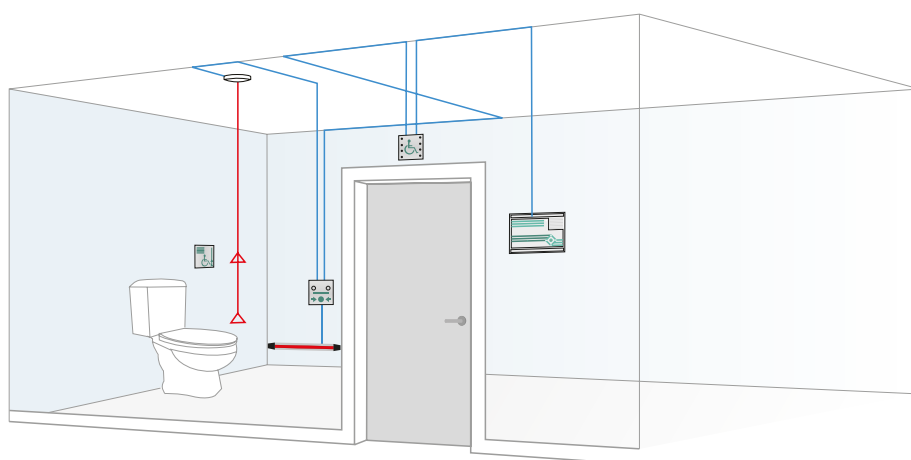
S1708A



S1705PY



RPD01000



LAB35107 | LAB35079

CODE	DESCRIPTION
A600LKITB	Battery powered Aidalarm c/w Ceiling pull cord, Reset button, Overdoor light, Sounder & Instruction label
A600LKITM	240vac/12vdc powered Aidalarm c/w Ceiling pull cord, Reset button, Overdoor light, Sounder & Instruction label
A600LKITMD	240vac/12vdc powered Aidalarm c/w Ceiling pull cord, Reset button, Overdoor light, Sounder & Instruction label. RPD01000 1000mm Panic Strip.
A600B	Surface mount battery powered Aidalarm Controller. Dimensions 175 x 125 x 60mm tapering to 50mm
A600L	Surface 240vac/12vdc powered Aidalarm Controller. Dimensions 175 x 125 x 60mm tapering to 50mm
S1600-R	Ceiling mounted Red pull cord with re-assurance LED (cord 3 metres)
S1708A	Surface mounted reset button. Requires 12vdc at 60mA
S1778A	Surface mounted Overdoor light and sounder. Requires 12vdc at 170mA
S1705PY	Non-Latching Press to Call button with reassurance LED's and buzzer. Requires 12vdc at 60mA
RPD01000	1000mm Panic Strip
LAB35107	Pullcord instructions label with braille text 80 x 80mm
LAB35079	Self-adhesive vinyl Disabled toilet door sign 100 x 100mm



Stainless Steel & Brass Disabled Toilet Alarms

Similar in operation to our other Aidalarm units the Stainless Steel and Polished Brass Flush mount disabled toilet alarms range are ideal for the more prestigious locations. All supplied with vandal resistant buttons and LED's. A separate 12vdc boxed power supply with back up battery is required.

- Audible & visual indication
- 12vdc powered
- Alarm relay output
- Selectable tones
- Range of optional accessories



Please note: All Polished Brass fitting are supplied with stainless buttons and LED's

CODE	DESCRIPTION
A600FKITR	Flush mount Aidalarm 12vdc c/w S1778SR overdoor light and sounder, S1600-R Ceiling Pull Cord, S1708S Reset Button.
A600FKITRD	Flush mount Aidalarm 12vdc c/w S1778SR overdoor light and sounder, S1600-R Ceiling Pull Cord, S1708S Reset Button. RPD01000 1000mm Panic Strip
A600F	Flush mount Aidalarm 12vdc - Stainless Steel. Requires 12vdc 50mA quiescent 150mA max. Dimensions 180 x 125 x 43mm x 2mm
S1600-R	RED ceiling mounted pull cord with re-assurance LED (cord 3 metres)
S1705S	Stainless steel call button & LED. Requires 12vdc at 20mA
S1708S	Stainless steel reset button
S1778SR	Stainless steel overdoor light and sounder with RED 16mm jumbo LED. Requires 12vdc at 50mA
S1736SR	Stainless steel overdoor light with RED 16mm jumbo LED
S0610	38mm deep single gang mock stainless steel pattress. Compatible with all stainless steel plates except mushroom headed push buttons

CODE	DESCRIPTION
RPD01000	1000mm Panic Strip
PSU-12/2AB	12vdc 2A PSU in a steel enclosure
BAT12v3300LA	12v 3.2Ahr battery 135 x 65 x 65 (mm)
A600FBR	Flush mount Aidalarm 12vdc/240vac (Polished Brass). Requires 12vdc 50mA quiescent 150mA max. Dimensions 180 x 125 x 43mm x 1.5mm
S1708BR	Polished brass reset button. Requires 12vdc at 20mA
S1705BR	Polished brass call button & LED.
S1778BR	Polished brass overdoor light and sounder with RED 16mm jumbo LED. Requires 12vdc at 70mA.
S1736BR	Polished brass overdoor light with RED 16mm jumbo LED. Requires 12vdc at 50mA



Multi Zone Disabled Toilet Alarm Multizone

The AA31110D Multiguard is an assistance call system for larger buildings with multiple disabled toilets that need central indication of the origin of the call. It is designed to give dual re-assurance indication at the point of operation. Can also be used for pool alarms or a combination of toilet and pool alarms (see page 35).

Operation

When a pull cord is operated its LED flashes and a local indicator sounds to give the caller re-assurance that the call has been placed. When the call is silenced at the panel the flashing LED becomes steady and the local indicator silences to inform the caller that help is on the way. If the caller pulls the cord again the LED on the pull cord will flash and the local indicator sounds again. When help does arrive the call is reset using the local reset button, all LED's & buzzers are cleared. An integral PSU and battery are included in the AA31110D Multiguard.

The components required to set up a Multizone System are:
 1 x AA31110D, 1 x S1778A per toilet and 1 x S1708A per toilet and 1 x S1600-R per toilet or 1 x S1705PY per toilet.

Custom built panels are also available containing any number of zones. Please call for a quote.



AA31110D



S1600-R



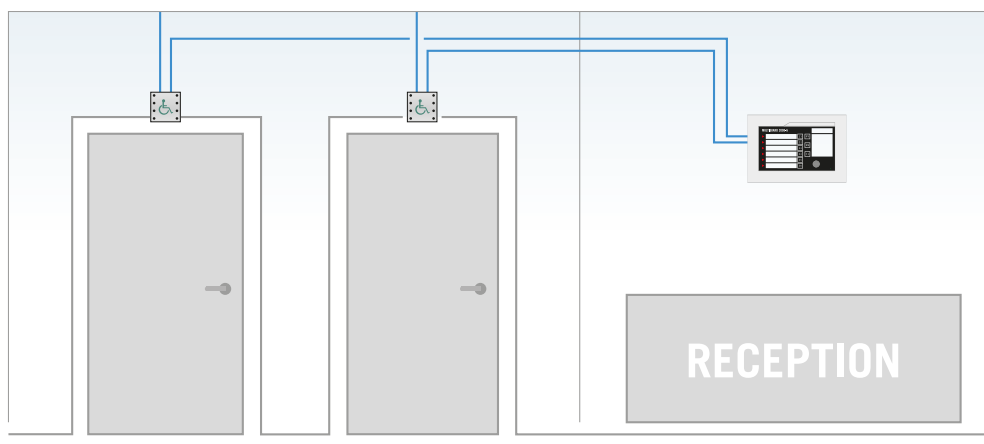
S1778A



S1708A



S1705P

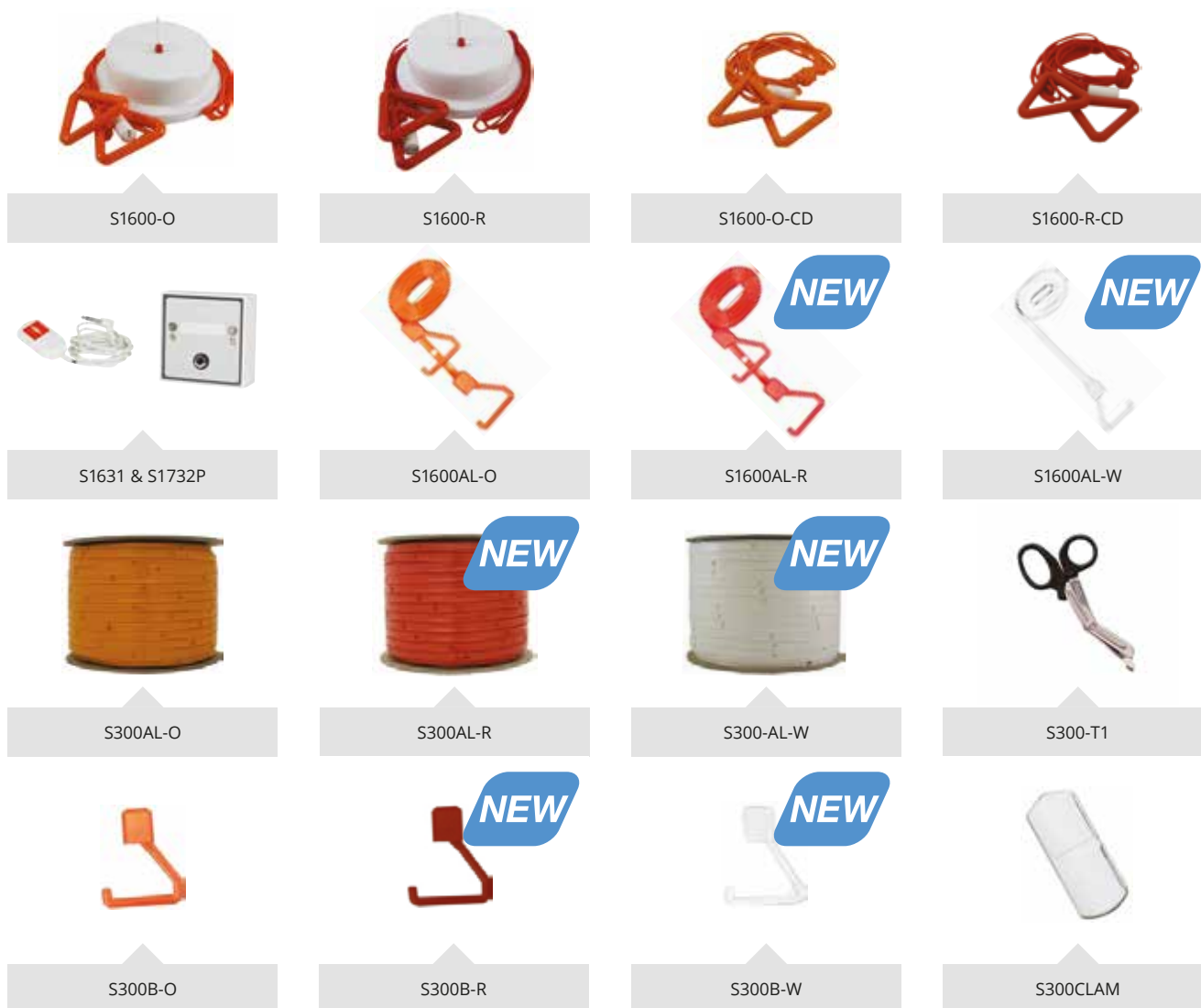


CODE	DESCRIPTION
AA31110D	Six zone assistance call panel. (Components NOT included). Dimensions 197 x 137 x 72mm
S1778A	Surface mounted overdoor light and sounder with Yellow LED's
S1708A	Press to Reset button with reassurance LED's and buzzer, separate drives for LED & buzzer. Switch rated at 50mA with Yellow LED's.
S1705PY	Non-Latching Press to Call button with reassurance LED's and buzzer, separate drives for LED & buzzer. Switch rated at 50mA with Yellow LED's.
S1600-R	Red ceiling mounted pull cord with re-assurance LED (cord 3 metres)



Pull Cord Range Standard & Anti Ligature

Comprehensive range of pull cords to suit emergency and anti-ligature pull requirements. Can be purchased complete or in kit form.



SAFETY 33

CODE	DESCRIPTION
S1600-O	ORANGE Ceiling Pull Cord
S1600-O-CD	Replacement 2.5m ORANGE Cord set for S1600 Pull cord
S1600-R	RED Ceiling Pull Cord
S1600-R-CD	Replacement 2.5m RED Cord set for S1600 Pull cord
S1631	Non-latching Pillow Push with 2m lead and 6.35mm jack plug
S1732P	6.35mm jack socket for use with S1631 Engineer selectable wording
S1600AL-O	ORANGE – Sanipull 3m Anti Ligature hygenic REPLACEMENT pull cord
S1600AL-R	RED – Sanipull 3m Anti Ligature hygenic REPLACEMENT pull cord

CODE	DESCRIPTION
S1600AL-W	WHITE – Sanipull 2m Anti Ligature hygenic REPLACEMENT pull cord
S300AL-O	300M ORANGE Sanipull anti-ligature ribbon on a reel
S300AL-R	300M RED Sanipull anti-ligature ribbon on a reel
S300AL-W	300M WHITE Sanipull anti-ligature ribbon on a reel
S300-T1	Tough cut scissors for Sanipull
S300B-O	ORANGE Bangle and adaptor for Sanipull
S300B-R	RED Bangle and adaptor for Sanipull
S300B-W	WHITE Bangle and adaptor for Sanipull
S300CLAM	WHITE Clamshell adaptor for Sanipull



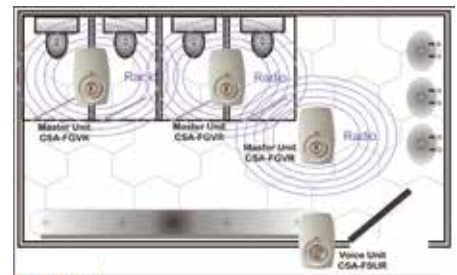
Cigarette Smoke Detection Cig-Arrête

The next generation Cig-Arrête SD Evolution now includes user voice programmability as standard using a Windows file system on a removable SD card. In addition to the standard messages supplied in six languages, any message in any language, accent or dialect can be recorded simply and easily on any PC running Windows.

As well as the standard hard wired options, all Cig-Arrête products are now available with radio communication (20m range) to eliminate installation wiring costs. The system frequency is 433 MHz.

All detectors and flasher units can be powered by 4 x AA batteries (not supplied) or the CSA-006 power supply.

Wireless and hard wired kits available online



CSA-FGS | CSA-FGS-R



CSA-FGV | CSA-FGV-R



CSA-GOV | CSA-GOV-R



CSA-AVC3



CSA-POD



CSA-FSU | CSA-FSU-R



CSA-FOV | CSA-FOV-R



MG212100



CSA-006



CSA-FDW | CSA-PODW



CSA-IR2

CSA-IR2 remote control is required for configuration of all Cig-Arrête and SpeechPOD products, purchased separately.

(One remote control can be used with multiple products)

CODE	DESCRIPTION
CSA-FGS	Combined Flame/Smoke/SpeechPOD C/W Voice Alarm
CSA-FGS/R	Radio Com'd Flame/Smoke/SpeechPOD C/W Voice Alarm
CSA-FGV	Combined Flame/Smoke Detector C/W Voice Alarm
CSA-FGV/R	Radio Com'd Flame/Smoke Detector C/W Voice Alarm
CSA-GOV	Smoke Detector C/W Voice Alarm
CSA-GOV/R	Radio Smoke Detector C/W Voice Alarm
CSA-POD	SpeechPOD PIR Voice Warning System
CSA-FSU	Com'd Sounder Flasher Unit c/w Voice Alarm
CSA-FSU/R	Radio Com'd Sounder Flasher Unit & Voice Alarm
CSA-FOV	Flame Detector c/w Voice Alarm

CODE	DESCRIPTION
CSA-FOV/R	Radio Flame Detector c/w Voice Alarm
MG212100	6 Zone Multiguard indicator panel with integral PSU and rechargeable battery
CSA-006	Boxed Power Supply 6vdc 3amp 200 x 150 x 80mm
CSA-FDW	Cig-Arrête Stand Alone W/proof Flame Detector/Voice Sounder
CSA-PODW	Waterproof speech pod
CSA-AVC3	Anti-Vandal Cage to fit all Cig-Arrête & Speech; see Pod Products
CSA-IR2	Infra-Red remote Controller for SpeechPOD

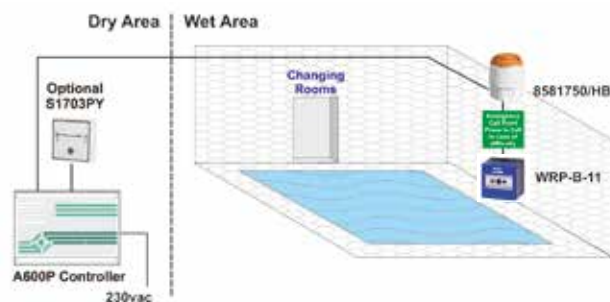


Pool Alarms

Pool alarm systems are available as single zone using the A600P controller or Multi-Zone using AA31110D controllers. They are designed to provide an emergency calling facility from a pool side, sauna or steam room to a supervisor location. To generate a call the user simply operates the poolside Call Point WRP-B-11 or S1711WP (Sauna use). An audible and visual warning is given by the controller and the sounder beacons connected to the system. Sounder beacons are silenced by pressing the silence button on the controller. The panel will then bleep every 60 seconds and the beacons will continue to flash until the activated Call Point is reset this also resets the controller.

Single Zone Pool Alarm

Available as a kit (A600PKIT), the single zone system is ideal for smaller pools requiring only one general area of emergency call cover.

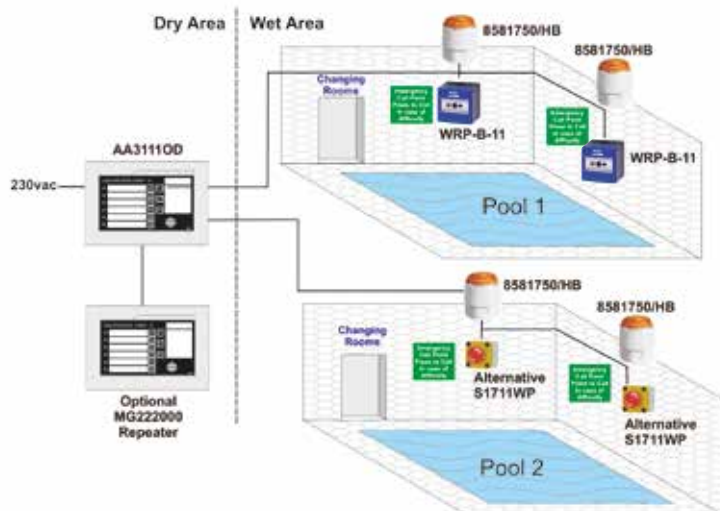


Multi-zone Pool Alarm

Comprising of our 6 zone Assistance Call panel AA31110D plus other accessories, the Multi-Zone system provides a comprehensive emergency call system for larger pool and leisure centres. The 6 zone panel provides an indication of the location from which a call has been made. Repeater panels to indicate alarms in multiple location, are also available. Can also be used for toilet alarms or a combination of pool and toilet alarms.

The components required to build a system are as follows.

- 1 x AA31110D Control Panel
- At least 1 x WRP-B-11 Call Point per zone.
- At least 1 x 8581750/HB Sounder Beacon (can be fitted per zone or per system)
- 1 x LAB35200 Pool Alarm Sign (per Call Point required)



CODE	DESCRIPTION
Single Zone Pool Alarm	
A600PKIT	Single Zone Pool Alarm Kit
A600P	Pool Alarm Controller
WRP-B-11	Resettable DPCO Pool Alarm Call Point IP67 Rated
8581750/HB	Amber Lens Deep White Base 32 Tone Sounder Strobe 9-30vdc. Requires 12vdc at 110mA
LAB35200	Pool Alarm Sign 282 x 199 x 2mm.
Optional Items	
S1703PY	General Purpose button with Yellow LED's and Buzzer

CODE	DESCRIPTION
Multi Zone Pool Alarm	
AA31110D	Six Zone Assistance Call Panel for Toilet or Pool Alarms
S1711WP	Mushroom Headed Push Button Twist Release IP65 Rated
WRP-B-11	Resettable DPCO Pool Alarm Call Point IP67 Rated
8581750/HB	Amber Lens Deep White Base 32 Tone Sounder Strobe 9-30vdc
LAB35200	Pool Alarm Sign 282 x 199 x 2mm.
Optional Items	
MG222000	6 way repeater MG212XXX



Lone Worker Alarm Mayday

The Mayday is a loneworker safety system that is designed to raise an alarm call if a lone worker becomes incapacitated. Once the Mayday is activated, two separately adjustable time periods. 20 - 60 minutes and 2 - 10 minutes respectively start to time and indicate audibly and visually. As the timers approach time out, the indications become more urgent. If the lone worker fails to reset the timers, the Mayday signals for assistance. The Mayday is mains powered and supplied with a rechargeable 12v 0.8Ahr standby battery. The integral 12v power supply will deliver 150mA for ancillary items.

- An On/Off key switch to arm the unit and secure reset
- OK button to restart the countdown timer and reset the alarm
- A green power on LED
- Four red system active countdown LED's
- An integral piezo sounder. (100db at 1m)
- Two adjustable countdown timer controls. (Fitted internally & only used during the installation set-up)

Scenario 1

Restricted work period e.g. within a freezer room - with responders near by.
1 x LMW2, 1 (or more) S1778PR AV units located near the responders, 1 (or more) S1778PR AV units for the worker.

Scenario 2

Typically Lone Worker in plant room with responders in different part of building.
1 x LMW2, 1 (or more) S1778PR used as AV units located near the responders, 1 (or more) S1703PR used as AV/OK buttons and/or PIRs for the worker.

Scenario 3

Isolated Lone Worker e.g. weekend work.
1 x LMW2, 1 x SD1E Auto dialler to contact the responder, 1 or more S1703PR used as AV/OK buttons and/or PIRs for the worker, 1 x Mobile phone for the worker.

Scenario 4

Wandering Lone Worker e.g. security guard. Mobile phone to acknowledge all is well.
1 x LMW2, 1 x SD1E Auto dialler, 1 x Mobile phone, 1 (or more) OK/AV buttons.



LMW2



SD1E



K1010G



S1708PR



S1703PR



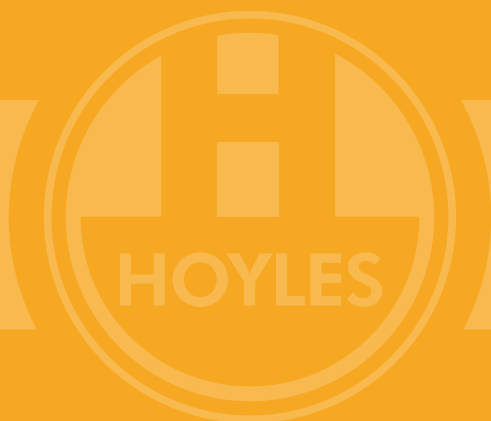
S1778PR

CODE	DESCRIPTION
LMW2	MayDay Lone Worker safety system. Dimensions 175 x 125 x 60mm tapering to 50mm.
SD1E	Auto dialler to transmit a message via PSTN
S1708PR	Additional Reset (OK) Button. Press to Reset button with RED reassurance LED's and buzzer, separate drives for LED & buzzer. Switch rated at 50mA
S1703PR	Remote Audio Visual Overdoor. General purpose button with RED LED's & buzzer, separate drives for LED & buzzer. Engineer selectable wording. Switch rated at 50mA
S1778PR	Remote Audio Visual Overdoor light. Overdoor light and buzzer with 8 RED bright LED's, separate drives for LED and buzzer.
K1010G	Keyguard Green with battery Alarm



Accessories

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Anti Tamper Screws	44
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Wireless Link – Secure a Link	47



Buy online at www.hoyles.com

Resettable Call Point

Our manual Call Point range offers the advantages of a resettable element, the Call Points can simply be reset, providing an ideal solution for users suffering from high numbers of false activations. Our Call Points in Blue, White and Yellow are available with wording of your choice – **please specify when ordering**. RP range supplied as flush or surface mount. WRP surface only.



RP-RS-01



RP-GS-11 | RP-GS-02



RP-YS-11



RP-BS-11



RP-WS-11



M210



L025



CI



WRP-R-01



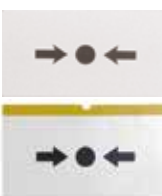
WRP-B-11



WRP-G-11



WRP-Y-11



KG1/5 | PS210



KACK/5



PS200

CODE	DESCRIPTION
RP-RS-01	Resettable Fire Alarm Call Point surface mount EN54-11 470/680
RP-GS-11	Resettable DPCO Emergency Release Call Point surface mount
RP-GS-02	Resettable SPCO Call Point in GREEN
RP-YS-11	Resettable DPCO Call Point in YELLOW
RP-BS-11	Resettable DPCO Call Point in BLUE
RP-WS-11	Resettable DPCO Call Point in WHITE
M210	Spare test key for RP & WRP Call Points
L025	'Not In Use' label for RP & WRP Call Points
CI	Hinged Call Point cover for RP & WRP Call Points
WRP-R-01	Fire Alarm Call Point IP67 Resettable RED EN54-11 470/680
WRP-B-11	Pool Alarm Call Point IP67 Resettable DPCO (BLUE)

CODE	DESCRIPTION
WRP-G-11	Emergency Release Call Point IP67 Resettable DPCO (GREEN)
WRP-Y-11	Gas Shut Off Call Point IP67 Resettable DPCO (YELLOW)
KG1/5	Replacement glasses for KAC break glass Call Points (5 PACK)
PS210	Resettable Element for KAC break glass Call Points
KACK/5	Test keys for KAC break glass Call Points (10 Pack)
PS200	Hinged Call Point cover for KAC Call Points



Stainless Steel Buttons & Indicators

Customised versions available

All stainless plates are supplied with a galvanised steel mounting box for flush mounting. Dimensions 85 x 85 x 35 mm.

All codes ending STC are priced to include up to 45 engraved characters of your choice including spaces. Codes ending SL are priced to include an LED.



S1705S | S1705STC



S1706S | S1706STC



S1707S



S1708S | S1708SL



S1714STC



S1715STC



S1720SI



S1720SX



S1720IN



S1709S | S1709SM
S1709ST0 | S1709ST1



S1709WP



S1729ST1



S1778SR | S1736SR



S1778SG | S1736SG



S1717SJM



S0610



WG1

CODE	DESCRIPTION
S1705S	Press to Call button with re-assurance LED
S1705STC	Button with LED (including up to 45 characters text of your choice)
S1706S	Press to Exit button
S1706STC	Button (including up to 45 characters text of your choice)
S1707S	Press to Enter button
S1708S	Press to RESET button
S1708SL	Press to RESET button with LED
S1714STC	Two LED's (including up to 45 characters text of your choice)
S1715STC	Two LED's and a Button (including up to 45 characters text of your choice)
S1720SI	Press to Lock/Unlock button with LED's
S1720SX	Press to Unlock button with LED's
S1720IN	GREEN and RED LED's engraved with Vacant and Engaged

CODE	DESCRIPTION
S1709S	2 position key switch
S1709SM	2 position key switch with momentary spring return action
S1709WP	2 position waterproof switch (to surface mount requires S0610-50)
S1729ST1	Keyswitch trapped in on position with RED and GREEN LED's
S1778SR	Overdoor light & Sounder with RED 16mm jumbo LED
S1736SR	Overdoor light with RED 16mm jumbo LED
S1778SG	Overdoor light & Sounder with GREEN 16mm jumbo LED
S1736SG	Overdoor light with GREEN 16mm jumbo LED
S1717SJM	Door status indicator with jumbo RED and Green LED's S/S
S0610	38mm deep single gang mock stainless steel pattress
WG1	Weather Gasket 1 gasket required for flush units. 2 gaskets required for surface units. Two gaskets supplied per pack.



Disabled Push Pads

Range of Surface Mount Stainless Steel Door Release Button with Change Over Contact. 100mm round or narrow style engraved with disabled logo in blue. SPCO contacts rated at 2A 48vdc or 15A 250vac. Also available plain or can be laser etched with text of your choice.



CM-41-4



CM-41-1 SMLE



SPB002ND

LED Indicators

Range of LED indicators for various applications.



VQ750 | VQ750i



S1782P



S319i

CODE	DESCRIPTION
CM-41-4	Surface mount 100mm round switch with disabled logo engraved "PUSH TO OPEN" 100 x 100 x 44mm (approx), GREY or BLACK back box included
CM-41-1-SMLE	Surface mount 100mm round push pad laser etched with text of your choice 100 x 100 x 44mm (approx), GREY or BLACK back box included
SPB002ND	(LED terminated for 12vdc operation). Dimensions 45 x 85 x 45mm
VQ750	Simple indicator for use with intruder alarms and other systems to indicate, for example, the ON/OFF status of a collection of intruder alarms at a remote point. The unit requires a permanent 12vdc supply (24vdc option available). Seven Red LEDs can be illuminated by applying a negative signal per LED. When no signals are applied to the red LEDs, the green LED will automatically illuminate. Other LED colours can be provided if required. The facia can be engraved to your requirements. The text required must be specified in writing when ordering, maximum 24 characters including spaces per LED. Dimensions 162 x 84 x 60mm
VQ750i	A basic eight LED status indicator. The LED's can be RED, YELLOW or GREEN and are terminated for operation at 12vdc (24vdc option available). The facia can be engraved to your requirements. The text required must be specified in writing when ordering, maximum 24 characters including spaces per LED. Dimensions 162 x 84 x 60mm
S1782P	8 way Indicator unit with sounder. There are separate drive inputs for both the individual lights and the sounder. Housed in a low profile ABS enclosure with a scratch resistant decal. We will label the facia with words of your choice or supply it blank. Please see "Text Requirements" download for further information. Dimensions 87 x 87 x 36mm
S319i	Double gang set indicator plate - Jumbo LED 16mm RED LED mounted upon double gang engraved plastic plate. Requires 12vdc at 50mA



Mushroom Headed Buttons

For customisable buttons look for codes ending TC



Range of Stainless Steel mushroom headed push buttons. All supplied with normally closed/normally open contacts and 47mm galvanised back box. Overall dimensions including push button and back box 85 x 85 x 81mm. Single gang mock stainless steel pattress converts flush mounting single gang stainless steel items to surface mount. The 50mm deep version is required for surface mounting of our range of mushroom headed push buttons.

All codes ending TC are priced to include up to 45 engraved characters of your choice including spaces. Codes ending SL are priced to include an LED.



S1711S | S1711STC | S1711SATS



S1711SL | S1711SLTC



S1712S | S1712STC



S1712SL | S1712SLTC



S1713S | S1713STC



S1713SL | S1713SLTC



S1712SG | S1712SGTC



S0610-50



WG1

Mushroom headed push buttons mounted in an IP66 rated enclosure. Ideal for use outdoor or in other damp environments such as around swimming pools. Engraved label available online.

Dimensions 90 x 85 x 60 mm (including push button depth is 85 mm)



S1711WGB



S1712WGB

CODE	DESCRIPTION
S1711S	RED Mushroom headed latching button with twist to reset facility
S1711STC	RED Button (including upto 45 characters text of your choice)
S1711SATS	RED Mushroom headed latching button with twist to reset facility. Comes with Anti Tamper Screws
S1711SL	RED Mushroom headed latching button with twist to reset facility plus LED
S1711SLTC	RED Button (including upto 45 characters text of your choice) with LED
S1712S	RED Mushroom headed momentary action button
S1712STC	RED Button (including upto 45 characters text of your choice)
S1712SL	Mushroom headed momentary action button with LED
S1712SLTC	Mushroom headed momentary action button with LED & Custom Text
S1713S	RED Mushroom headed latching button with key reset facility

CODE	DESCRIPTION
S1713STC	RED Button (including upto 45 characters text of your choice)
S1713SL	RED Mushroom headed latching button with key reset facility plus LED
S1713SLTC	RED Button (including upto 45 characters text of your choice)
S1712SG	Mushroom headed momentary action button GREEN
S1712SGTC	Mushroom headed momentary action button GREEN with custom text
S0610-50	50mm deep single gang mock stainless steel pattress. Compatible with all mushroom headed push buttons.
WG1	External Weather Gasket single gang switches
S1711WGB	RED Mushroom headed latching button with twist to reset facility IP66 enclosure. Printed with text of your choice.
S1712WGB	GREEN momentary action mushroom headed button. IP66 enclosure. Printed with text of your choice.



Plastic Buttons & Indicators

Customised versions available

General purpose wall mounted push buttons in white ABS, complete with a 18mm single gang ABS surface mounting back box. If you wish to flush fit your push button, a 25mm deep single gang metal back box will be required. All push buttons are supplied with a tactile mark resistant decal and two LED's. LED indicators have eight high brightness LED's. Surface mount size 87 x 87 x 36mm.



S1703P



S1705P



S1708P



S1760P

All of the above products are available with LED's in Red, Green and Yellow. Please add R, G or Y to the code when ordering.



S1706PG



S1707PG



S1718PRG



S1717PRG



S1709PRG



S1709PRGTC



S1736P



S1778P | S1788P

CODE	DESCRIPTION
S1703P	General purpose button with LED's & buzzer, separate drives for LED & buzzer, selectable wording. 12vdc at 60mA switch rated at 50mA.
S1705P	Non latching Press to Call with separately driven LED & buzzer requires 12vdc at 60mA switched rated at 50mA.
S1708P	Press to Reset button with separately driven LED & buzzer requires 12vdc at 60mA switched rated at 50mA.
S1760P	Multi function push button with LED's & selectable wording. Functions: commutate/latch, follow the button, latch for 5 seconds. Requires 12vdc at 70mA switched rated at 1A.
S1706PG	Multi function Press to Exit button with green LED's Functions: commutate/latch, follow the button, latch for 5 seconds. Requires 12vdc at 70mA switched rated at 1A.
S1707PG	Multi function Press to Enter button with green LED's Functions: commutate/latch, follow the button, latch for 5 seconds. Requires 12vdc at 70mA switched rated at 1A.
S1718PRG	Press to Release button with Red and Green door status LED's. Separate drives for Red and Green. Requires 12vdc at 60mA switched rated at 50mA.
S1717PRG	Status indicator with 4 Red and 4 Green LED's. Separate drives for Red and Green. Requires 12vdc at 150mA.

CODE	DESCRIPTION
S1709PRG	Two position DPCO key switch with RED and GREEN LED's. Separate drives for RED and GREEN. Key switch positions labelled 0 & 1.
S1709PRGTC	Two position DPCO key switch with RED and GREEN LED's. Separate drives for RED and GREEN. Labelled to your requirements, please specify when ordering.
S1736P	Overdoor Light with 8 bright LED's
S1778P	Overdoor light and buzzer with 8 bright LED's. Separate drives for LED and buzzer. Requires 12vdc at 170mA.
S1788P	High Power (108dB) sounder with 8 ultra-bright LED's and selectable tones. Separate drives for LED and buzzer. Requires 12vdc at 200mA.



Fuse Boards, Batteries & Power Supplies

Range of rechargeable, alkaline batteries and steel enclosure switched mode PSU's.



PSU-12/2AB



PSU-12/5ASMB



BAT12v800LA



BAT12v3300LA



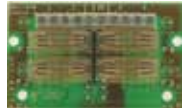
BAT12v7000LA



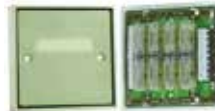
BATPP3ALK | BATT1.5ALK



S348



S348-4



S348B



S1812REG

CODE	DESCRIPTION
Power Supplies	
PSU-12/2AB	12vdc 2A PSU in a steel enclosure. Dimensions 325 x 260 x 90mm
PSU-12/5ASMB	12vdc 5A Switched Mode PSU in a large steel box c/w 8 fused outputs. Dimensions 400 x 300 x 95mm
Batteries <i>The above power supplies are designed to maintain rechargeable sealed lead acid batteries, as shown below</i>	
BAT12v800LA	12v 800mAh battery 96 x 27 62 (mm)
BAT12v3300LA	12v 3.2Ahr battery 135 x 65 x 65 (mm)
BAT12v7000LA	12v 7.0Ahr battery 150 x 65 x 95 (mm)
BATPP3ALK	9volt PP3 Alkaline battery
BAT1.5ALK	1.5volt AA Alkaline battery
Fuse Output Modules	
S348	8 way fused output module
S348-4	4 way fused output module
S348B	Boxed 8 way fused output module with fuse status LED's
S1812REG	A 12vdc Low Drop Out Regulator module which will stabilise a PSU output of between 12.5 and 18vdc providing 12vdc at up to 500mA.



Door Contacts



DCS/1S



DDCKIT



DCS/INT



DCS/FLUSH



DCS/F3M



DCS/G3



DCS/RS

Anti Tamper Screws NEW



FIX/11



FIX/11/ATS



FIX/17



FIX/17/ATS



FIX/16/ATS



FIX/16

CODE	DESCRIPTION
DCS/1S	Surface mount magnetic door contact as supplied with our Exitguards. 4 wire connection on 1m of cable. Complete with fixing screws and cable clips.
DDCKIT	Double door contact kit for Exitguard and Dorwatcher
DCS/INT	Environmental Class 2, Operation Gap: 20mm Approx, Dimensions: 67mm x 14mm x 13mm, Terminals: 5-Screw. Supplied with mounting screws
DCS/FLUSH	Environmental Class 2, Operation Gap: 14mm Approx, Dimensions: 20mm Diameter, Terminals: 5-Screw. Supplied with mounting screws
DCS/F3M	As above, flush door contact with 3 metre potted cable
DCS/G3	Grade 3 surface mount door contact with Magnetic Interference. Compatible with Hoyles ZONEGUARD and all mainstream UK control 78mm x 25mm x 20mm
DCS/RS	150mm x 40mm x 15mm, Operating Gap 50mm, Cable protected by armoured sleeving 18" length, IP67 sealed, Material: Aluminium

CODE	DESCRIPTION
FIX/17	Pack of 5 anti tamper screws N#4 x 3/4" Pin Torx C/sunk
FIX/17/ATS	Pin Torx anti tamper screwdriver bit to suit FIX/17
FIX/11	Pack of 2 anti tamper screws M3.5 x 25mm hex-pin C/sunk
FIX/11/ATS	Pin-Hex anti tamper screwdriver bit to suit FIX/11
FIX/16	Pack of 4 anti tamper screws N#8 x 2" Pin Torx Button head
FIX/16/ATS	Pin Torx anti tamper screwdriver bit to suit FIX/16



Sounder Strobes

A complete range of IP45 - IP66 strobes and sounders available with deep or shallow base, selectable tones and volume levels. To prevent IP66 rating being compromised use bracket instead of drilling deep base.



Strobe Red



Strobe Blue



8581050/HB



8581550/HB



8581750/HB



8581850/HB



8581900/HB



BA87340/01



BA87330/01



858MM08728



8502700



ST19617



S1736P



S1778P



S1788P



S1717PRG

Above products available with Red, Green & Yellow LED's. Please add R, G or Y to code when ordering.

CODE	DESCRIPTION
Strobe Red	Red flashing strobe 12vdc 200mA single hole fixing.
Strobe Blue	Blue flashing strobe 12vdc 200mA single hole fixing.
8581050/HB	32 Tone Sdr Strobe 9-30vdc Deep base Red Lens Red base. Requires 12vdc at 110mA
8581550/HB	32 Tone Sdr Strobe 9-30vdc Deep base Red Lens White base. Requires 12vdc at 110mA
8581750/HB	32 Tone Sdr Strobe 9-30vdc Deep base Amber Lens White base. Requires 12vdc at 110mA
8581850/HB	32 Tone Sdr Strobe 9-30vdc Deep base Blue Lens White base. Requires 12vdc at 110mA
8581900/HB	32 Tone Sdr Strobe 9-30vdc Deep White base Green Lens. Requires 12vdc at 110mA
BA87330/01	Shallow Base Red - Converting to shallow base changes IP rating to IP45.
BA87340/01	Shallow Base White - Converting to shallow base changes IP rating to IP45.

CODE	DESCRIPTION
858MM08728	Wall mounting bracket for deep base sounder strobe. Prevents IP66 rating being compromised.
8502700	Mains pack 110Vac - 230Vac powers 858 beacons from mains
ST19617	Beacon/Sounder Cage. 150 (dia) x 125 (depth) mm.
S1736P	Overdoor light with 8 bright LED's
S1778P	Overdoor light & buzzer with 8 bright LED's, separate drives for LED & buzzer.
S1788P	High Power (108dB) sounder with 8 ultra bright LED's and selectable tones. Separate drives for LED & buzzer.
S1717PRG	Door status indicator with 4 Red and 4 Green LED's. Separate drives for Red and Green. Can be used with Interguard.



Voice Sounder Chatterbox

The ChatterBox Talking Alarm Module is a self contained audio module with loud speaker. It can play any type of sound file, be it tones, music or voice.

Typical uses include a voice sounder for an intruder alarm, building welcome messages or general alarm messages.

- The unit requires a supply of 12vdc which must be present before any sounds can be activated.
- Four different sounds can be played by activating one of the four inputs.
- Inputs are normally open and must be closed to activate a sound.
- The sound will repeat while the input is held on.
- When the input is removed, the sound will play until the end of the file and then stop.
- If more than one input is applied at a time, the most recently applied input will interrupt any file playing at the time.
- The sound files are held on the SD memory card which is included.
- Several voice messages are provided on the card, however you can record your own sound files and transfer them onto the card using a PC.
- The files need to be WAV files, mono, 16bit, 44.1KHz. The files on the SD card are named TA001.wav, TA002.wav etc... The file TA001.wav corresponds to Input 1 and TA002.wav to Input 2, etc...
- To actually use a message other than the default TA001 – TA004, you will need to use a PC to rename the file you want to use to TA001.wav, TA002.wav, TA003.wav or TA004.wav.

If you don't see the message(s) you require in the list below please contact us and for a small fee (see price table below) we can professionally record up to 4 short messages for your Chatterbox.

Available Messages

The system is now set.

The intruder alarm system has activated. The police have been called.

Emergency exit please close the door.

Secure store alarm.

The alarm is now set, you have one minute to leave the building, please exit now.

Your presence has been detected; the owner and police have been informed.

Attention! Please close the door.

Attention! Please close the refrigerator door.

Attention! Emergency Access Call Point activated.

Attention! Emergency exit door open.

Attention! Emergency exit door open. Please close the door.

Attention! Disabled toilet alarm activated.

Attention! Panic alarm activated.

Attention! Panic alarm activated! Please call for help.

Warning! The smoke screen system has activated, please vacate the area immediately.

The door is unlocked, please proceed.

Alarm activated.

The alarm is now set.

The alarm is unset.

The alarm is now set, you have one minute to leave the building, please exit now.

Warning! Your presence has been detected. You are on private property, the owner and the police have been informed.

Alarm Tone 1

Alarm Tone 2

Your presence has been detected; the owner and police have been informed.

System disarmed.

Your presence has been detected; please apply the key within the next 30 seconds.

The alarm is activated, you have 30 seconds to leave the building, please exit now.

The intruder alarm has activated. The police have been called.

Please close the door and swipe access control card before entering or exiting.

This is a no smoking area, please extinguish your cigarette.

Attention! You are being observed by CCTV, please move away from the area immediately.

Attention! Please close the gate.

Attention! Please turn all lights off before exiting.



CODE	DESCRIPTION
TAM401	ChatterBox Talking Alarm Module Voice Sounder. Dimensions 175 x 125 x 60mm tapering to 50mm
TAMREC	Professional recording of up to 4 short messages

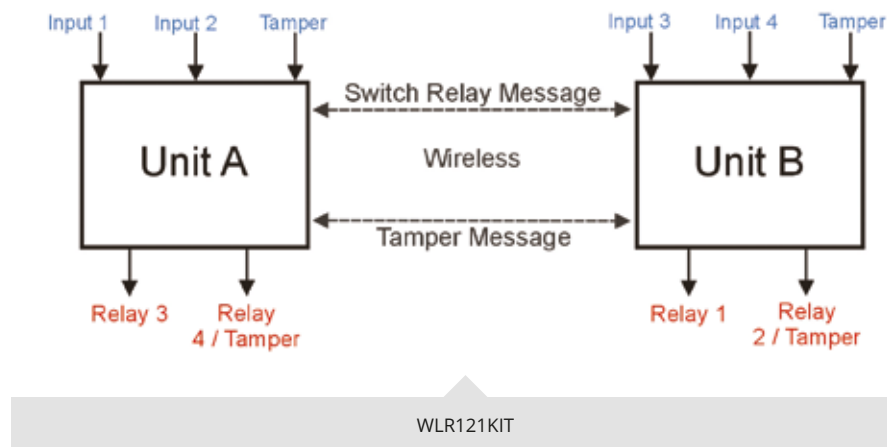


Wireless Link Secure-a-Link

The Secure-a-Link system consists of two identical transceiver units which are paired together, each requiring a local 12VDC power supply. The units can transmit up to 200ft in free space. The system is designed to take a clean contact input and transmit this wirelessly to another point, giving a clean contact output, without the need for hardwiring between the two points. Two way communication between the units is provided so that signals can be sent in either or both directions and once paired, the units only communicate within their pair, so multiple pairs of units can be used within the same area without interference. Each of the units has two clean contact inputs, two clean contact outputs and a unit tamper. The user can select whether to use two separate inputs/outputs with a local tamper LED indication or one input/output with the second output as a clean contact tamper output. When the external input of either unit is applied, it sends a message to the opposite unit to switch its relay. If a tamper is detected on either unit, a message is sent to the opposite unit and the tamper condition is indicated on both units. The tamper is also triggered if communication between the units is lost.

- 1 or 2 way wireless switching of clean contacts
- SPCO 1A relay outputs
- 12VDC powered
- 200ft range (free space)
- Two operational modes
- Unit tamper switches
- Tamper/Fault output
- Status LED
- Signal strength display
- 868MHz band

The Wireless Relay system has many applications where short range transmission of simple switches is required, for example, PA buttons, door contacts remote sounders, lighting, door locking, etc. The units are supplied in double gang plastic plates.



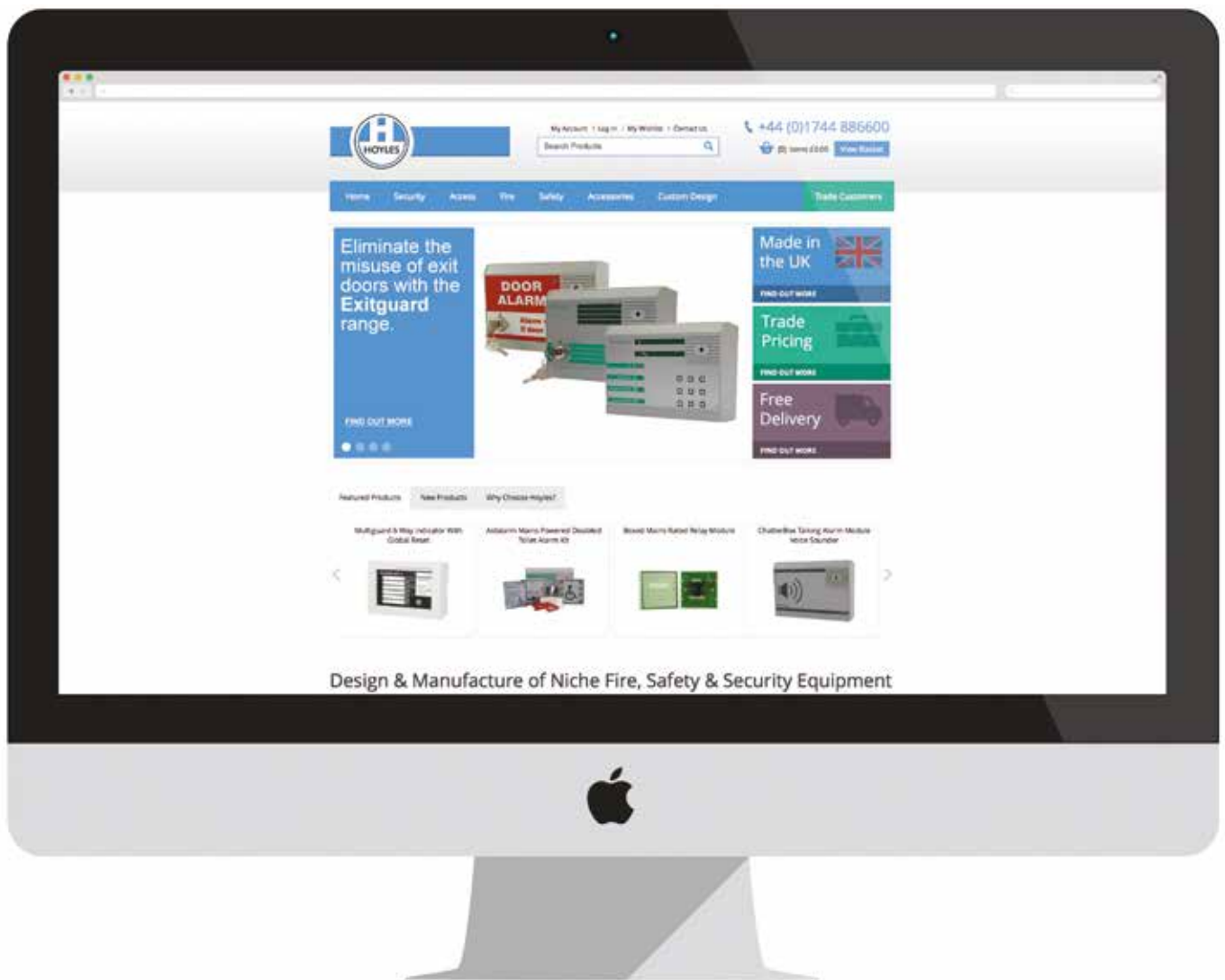
CODE	DESCRIPTION
WLR121KIT	Secure-a-Link Wireless relay transmitter/receiver system. Dimensions 146 x 87 x 45mm
PSU-12/ZAB	12vdc 2A PSU in a steel enclosure. Dimensions 325 x 260 x 90mm



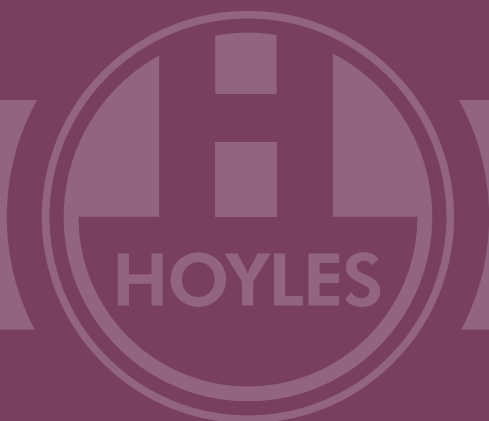
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Hoyles are the UK's leading supplier of custom designed control and indication equipment. We are confident we can meet the requirements of your most demanding clients, such as Financial Services, Retail, Police Forces, Courts, Military Installations, Aerospace, Hospitals, Pharmaceuticals, Industrial Sites, etc. Working with yourselves and your clients, our team will design a system that meets exact requirements in terms of both functionality and appearance. Projects are undertaken for both UK and overseas clients all designed and manufactured at our UK factory within the scope of our ISO9001:2008 accreditation.

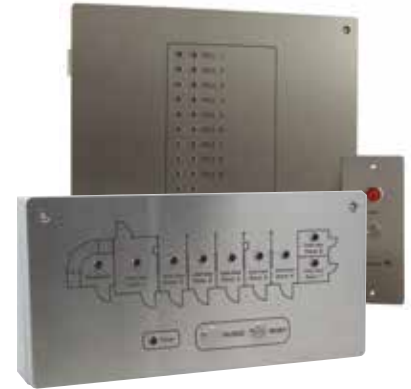
For other examples see our website www.hoyles.com

Typical projects

- Indicator Panels
- Complex door interlocking
- Sequence control
- Door Status Systems
- Micro Controller Systems
- Cell Call & Affray Systems
- Knock-Wait-Enter
- Set/Unset Systems
- Panic alarms
- Bespoke products

Indicator Panels

General indicator panels designed and manufactured to your clients specifications for virtually any application. Systems can include standard or custom control electronics or may simply be provided just with LED's, push buttons, sounders etc for your own use.



Complex door interlocking

Beyond our standard door interlocking products, we have vast experience in creating door interlocking solutions to create compliance with site specific rules in demanding environments such as cash handling and pharmaceuticals. Projects typically use items of our standard hardware together with bespoke software to achieve the required functionality. This approach helps keep the total time from specification to delivery to a minimum. Where existing hardware cannot meet the requirements bespoke hardware can also be designed and manufactured.



Other bespoke products

Sometimes a standard product does not quite do what you need. We accept this as a challenge and regularly modify standard products to comply with specific requirements. We can also create products from scratch just for you. All of these items can be very simple or complex, whatever is required.



Custom Design

Desk Mounted Indicators

A common requirement in control rooms etc, custom desk mounted indicators and control panels can be designed and built for any application.



Detention Cell Door Lock Controller

Designed for a military installation, this rack mount system provides at-a-glance status indication of cell door locks as well as the ability to control each individual lock. An emergency lock down facility ensures all cell doors are locked at the press of one button.



Deluge Control Panel

The control panel opposite was designed for Cooper Menvier, one of the UK's leading fire alarm installation companies. Standard off-the-shelf equipment did not exist that would give the necessary range of functionality required by the client, a power station. Under certain conditions it had to be possible to rapidly deluge an area to quickly arrest the spread of fire. For both operational and safety reasons the process could not be entirely automatic. Because of the high value and mission critical nature of the site any false activations had to be avoided at all costs. Bespoke software in PIC microcontrollers was used to achieve a reliable and simple to operate system.



Multiple Door Lock Controller

This 11 door lock controller was custom designed for a major security company to meet the requirements of one of their high profile financial sector customers. The controller enables the operator to select one of three preset door status scenarios, preview the function of the selected scenario on the mimic display and then initiate the scenario via the integrated security keypad. The controller is also integrated with access control systems at the site.



Language Options

We can supply equipment in any language. Simply supply us with the text you require and we will do the rest. See an Arabic example opposite.





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