



Hoyles Electronic Developments Ltd

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Hoyles Exitguard is the comprehensive solution for security of Fire Exit Doors. Available in keyswitch or keypad versions powered by battery, 12vdc or mains.

EX100 Series Door Alarm



- High power sounder
- Chime facility
- Alarm relay output EX105 and EX106
- Auto reset/re-arm option
- LED for visual alarm indication
- Optional door open too long delay 15 seconds
- Key Trapped & Monitored versions available
- Selectable alarm tones
- Tamper switch

Code	Description
EX104 G or R	Battery powered Keyswitch door alarm
EX105 G or R	12vdc powered Keyswitch door alarm
EX106 G or R	Mains powered Keyswitch door alarm

EX200 Series Door Alarm



- High power sounder
- Selectable alarm tones
- Chime facility
- Tamper switch
- Alarm relay output EX205 and EX206
- Auto reset/re-arm option
- LED's for visual alarm indication
- Programmable door open too long delay
- Bleep In Off Option
- Alarm strobing LED's for visual alarm indication

Code	Description
EX204	Battery powered Keypad door alarm
EX205	12vdc powered Keypad door alarm
EX206	Mains powered Keypad door alarm

Door Alarms for Grade 2 Intruder Alarm Systems

Compatible with key panel manufacturers

- Randomised Keyswitches
- High Power Sounder
- Tamper Switch
- Visual Alarm Indication
- Bleep In Off Option
- FSL On/off monitor and Alarm output
- Safe Set
- Selectable resistor values for outputs
- Plastic or steel enclosures



Steel Cased
Intruder System
Door Alarm suited
to harsh
environments

Code	Description
EX125i	12vdc Plastic Box Exitguard for use with intruder panels
EX125iS-H	12vdc Steel Box Exitguard for use with intruder panels

EX105SF Series

Flush mount Stainless Steel Exitguard ideal for more prestigious environments.

- 12vdc powered
- Tamper switch
- Auto re-arm & reset delay
- Selectable tones
- High power sounder
- Chime facility
- Alarm relay output



Code	Description
EX105SF	Stainless Steel 12vdc Door alarm c/w integral keyswitch

Accessories



Code	Description
DDCKIT	Double Door Contact Kit
CG100	Anti-vandal Cage
LAB 35202	Door Alarmed Sign
LAB 35084	Emergency Escape Sign

Interguard - Door Interlocking

Sophisticated door interlock controllers allow doors to be interlocked to restrict or control entry to and from areas that need to be secured against two or more doors being open simultaneously.

Available off the shelf 2-8 door interlocks. Comprehensive kits and a range of accessories are available. Specified throughout numerous industries; Cleanroom, security, cash handling etc.



Example application in Cleanroom



Interlock Controller

Code	Description
IG432	Interguard 2/3/4 door control unit c/w steel case & 5A PSU



Complete Interlock Kits

Code	Description
IG432K2	2 door Kit
IG432K4	3 door kit
IG432K4	4 door kit



Interlock Controller

Code	Description
IG528	Interguard 5-8 door control unit c/w steel case & 5A PSU



Interlock Controller

Code	Description
IGPX8	Interguard 8 door programmable interlock control unit c/w steel case & 5A PSU

Relay Modules

Comprehensive range of relays to suit different requirements. Widely used in security, access control and fire industries, Programmable and AC versions available on request.



Code	Description
S342-1 S342-1/24	12vdc & 24vdc Double Pole Relay Modules



S312N S312N/24	112vdc & 24vdc Transistorised double pole relay modules NPN version
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S312N-4B	12vdc Quad boxed transistorised DPCO relay module
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S312T S312T/24	12vdc & 24vdc Transistorised double pole timer (3-60secs) relay modules
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S320 S320/24	12vdc & 24vdc Transistorised single pole relay modules
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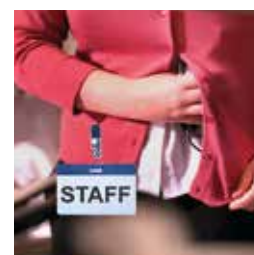


S351-B S351-B/24	12vdc & 24vdc Microprocessor controlled timer relay. Range of functions. Timing 0-60sec/0-60min
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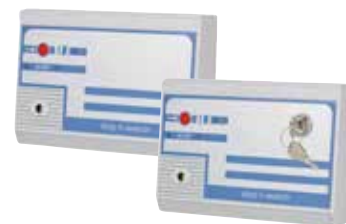
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Stop n Search - Cut out discrimination

Ideal for use entering or leaving premises where pilfering, carrying of weapons or drugs is suspected. Selection frequency is set on installation but is changeable to suit circumstances. If selection frequency of 30% is used then each button press has a 30% chance of being selected.



- LED indicator
- Heavy duty button
- Audible bleep
- Relay output (TAG3)
- Adjustable selection frequency



Code	Description
TAG2	Stop n Search Battery powered, simple portable unit
TAG3	Stop n Search Mains Powered, controls exit doors and signal to remote equipment

Zoneguard Grade 3 EN50131 Zone Omit Unit

Zoneguard 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

- 12vdc powered
- Omits two detection zones
- Independent zone omitted relay
- User programmable code change
- Integral 9 digit keypad
- High security keyswitch
- Input for remote devices, keyswitches, shunt locks, biometric readers etc.
- Zone and Fault status LEDs
- Output for remote sounder
- Remote re-instate input
- Timed entry/exit modes
- Local sounder options
- Dual responsibility/combination mode
- Designed for Grade 3 detectors



Code	Description
ZG800	Zoneguard Grade 3 Zone Omit EN50131-3:2009 Env. Class II

DaDo Press at any point Panic Strip

Ideal panic affray alarm used in situations where people need to signal for help or assistance. Operational along its entire length.

- Tamper resistant
- Easy to install
- Waterproof
- Available in long lengths



RP/DFC Flexible Corner



DaDo Panic Strip



Visit
hoyles.com
for sizes &
pricing

Keyguard key storage box



Unique plastic window makes Keyguard the ideal choice for food preparation areas, schools, swimming pools or anywhere that glass shards pose a risk. One window supplied with each unit.

- Snatch off non-hazardous plastic window
- Window can't be refitted after use
- Stores both keys and cards

Code	Description
K1000 G or R	Standard Key Box
K1010 G or R	Alarmed 90db Key Box
K1020 G or R	Switch Output Key Box
K1030G	Spare KEYGUARD Windows - Pack of 4

Multiguard – Indicator Panel

General purpose 6 zone indicator panel. Master panels with or without PSU's together with repeater panels for indication in remote locations.

- Simple to install and operate
- Unique labelling system
- Open or closed circuit inputs
- Zone isolate option
- Global relay output



Code	Description
MG212000	Six way indicator plus global silence reset, no PSU
MG212100	Six way indicator plus global silence, reset, PSU & battery
MG222000	Six way repeater for MG212XXX
MG216000	Six way indicator plus individual silence reset, no PSU
MG216100	Six way indicator plus individual silence reset, PSU & battery
MG216010	Six way indicator plus individual silence reset, key isolate, no PSU
MG216110	Six 6way indicator plus individual silence reset, key isolate, PSU & battery
MG226000	Six way repeater for MG216XX

Robust Manual Fire Alarms

GX20E is a manual Fire Alarm ideal for small buildings where a single standalone alarm is sufficient. System can be expanded by linking up to four units together, if one call point is operated all sounders will be activated.



Battery Powered Simple to install and operate.

- Keyswitch silence & reset
- Battery fault monitor
- Robust steel enclosure

The **GX32** system is ideal for installation into temporary buildings. Up to 32 GX32MCP callpoint sounder units can be linked to the GX32CIE controller. If cables are cut or short circuited the separate parts will continue to function while the fault is indicated. To form an operating system one GX32CIE is required and at least one GX32MCP.

GX32CIE – CANNOT be used on its own.



- Keyswitch silence & reset
- Battery fault monitor
- Plastic enclosure
- Two wire connection
- Fault trace mode



GX32CAB/100

GX32MCP



GX32KIT400

Code	Description
GX20E	Battery powered standalone fire alarm
GX32CIE	GEMINI Battery powered fire alarm control panel
GX32MCP	Fire Alarm Call Point/Sounder for GX32 System
GX32CAB/100	Red Flame retardant cable 100m
GX32KIT400	Advanced battery powered fire alarm kit

Dorgard – Door retainer

Dorgard keeps your fire doors open legally and allows them to automatically close when the fire alarm sounds. Battery operated Fitted at the bottom of the door installed in under 5 minutes.



Code	Description
DGSS-WH DGSS-BL	Dorgard SmartSound contains noise-filtering technology which allows it to identify sounds more accurately. Holds Doors up to power size 7
1328-A01- BLACK 1328-A01- WHITE 1328-A01- RED	Dorgard is listening for a continuous fire alarm of 14 seconds or more. Holds Doors up to power size 7.
1328 FERRULE	Rubber floor grip
1328- Floor Plate	FloorPlate Dorgard Floor Plate Fixing Kit

Deafgard – Fire alarm for the deaf and hard of hearing

Designed for the hard of hearing, Deafgard has a vibration pad and flashing light that wakes people on the sound of the alarm.



- Battery operated
- Portable wire free technology solution
- Acoustically operated
- Automatically activates on hearing fire alarm
- Ideal for Hotels and other sleeping risk applications



Code	Description
DEAFGARD A101	Deafgard fire alarm solution for deaf and hard of hearing people

DorWatcher – Door wedged alarm

A fully automatic door open too long alarm. Used to ensure fire doors are not left propped open. Users can freely use the door, however if the door is propped open beyond preset time, the alarm will sound. No user control required, reset simply by closing the door.

- Robust & tamper proof
- Audible battery fault monitor
- Easy to install & maintain
- No more propped open doors
- Adjustable timings from 30seconds – 7 minutes



Code	Description
DW304	Battery powered, ideal for retrofit (batteries supplied)
DW305	12vdc powered with alarm relay output (Power supply available separately)
DW306	Mains powered with alarm relay output
CG100	Protective cage for DorWatcher
FIX/17	Pack of 5 Pin-Torx anti tamper counter sunk screws used to secure plastic enclosure & door contact (No4 x 3/4")
FIX/17/ATS	Pin-Torx anti tamper screwdriver bit to suit FIX/17
FIX/16	Pack of 4 Pin-Torx anti tamper Button head screws used to secure CG100 protective cage (No8 x 2")
FIX/16/ATS	Pin-Torx anti tamper screw driver bit to suit FIX/16

HobWatcher – HW200

HobWatcher provides effective means of ensuring hobs cannot be left on whilst unattended. After a pre-set time, if no user is present, the HobWatcher will automatically switch off power to the cooker.



- Protects vulnerable kitchen users
- Reduces risk of kitchen fires
- Selectable cooking times
- Anti tamper features
- Isolates load of up to 7.5KW
- Audible and visual warning

HobWatcher helps protect vulnerable kitchen users, including students and the elderly, from the dangers of kitchen fires.



Code	Description
HW200	HobWatcher Automatic Hob Isolator System

Securitime - Time clock and timer

The Securitime is a versatile, secure programmable timer that switches a volt free relay rated at 2A 30vdc. Simple to use interface and a clear LCD display it is ideal for use with access control or any other applications that have time sensitive elements such as break, shift or class change. Adjusts for leap years and automatically updates for summer and winter time.

- Momentary or latched action
- Remote input for timer relay function
- 12 / 24vdc powered
- Override PIN Code protection
- 7 programmable timers with 20 times per programme



Code	Description
TMR100-12	Securitime 12vdc time clock and timer
TMR100-24	Securitime 24vdc time clock and timer

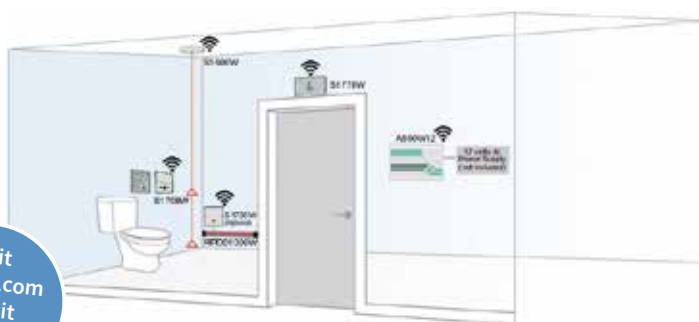
Aidalarm – Disabled toilet alarm range

Helps compliance with BS8300, the requirements of the Equality Act 2010 and Building Regs Part M.

- Wireless or wired versions
- Audible & visual indicators
- Alarm relay output on mains & 12vdc versions
- Mains, 12vdc or battery powered available
- Battery condition monitor
- Multi zone system available

Code	Description
Wireless Kits	
A600WKITB	Battery Powered Wireless Disabled Toilet Alarm Kit
A600WKITM	Mains Powered Wireless Disabled Toilet Alarm Kit
Wired Kits	
A600LKITB	Battery Powered Wired Disabled Toilet Alarm Kit
A600LKITM	Mains Powered Wired Disabled Toilet Alarm Kit
A600LKITMD	Mains Powered Wired Disabled Toilet Alarm Kit + Panic Strip

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Stainless steel version ideal for more Prestigious Environments

Code	Description
A600FKITR	Flush Mount 12vdc Stainless Steel Kit
A600FKITRD	Flush Mount 12vdc Stainless Steel Kit + Panic Strip



Requires a
separate 12vdc
PSU minimum
of 250mA

Sanipull - Anti-Ligature wipe-able pull cords



Code	Description
S1600AL-W	2m Replacement White Anti Ligature Pull cord
S1600AL-O	3m Replacement Orange Anti Ligature Pull cord
S1600AL-R	3m Replacement Red Anti Ligature Pull cord

Anti Ligature ribbon & components parts



Code	Description
S300AL-W	300M White Sanipull anti-ligature ribbon on a reel
S300AL-O	300M Orange Sanipull anti-ligature ribbon on a reel
S300AL-R	300M Red Sanipull anti-ligature ribbon on a reel



S300B-W	White Bangle and adaptor
S300B-O	Orange Bangle and adaptor
S300B-R	Red Bangle and adaptor
S300CLAMW	White Clamshell adaptor

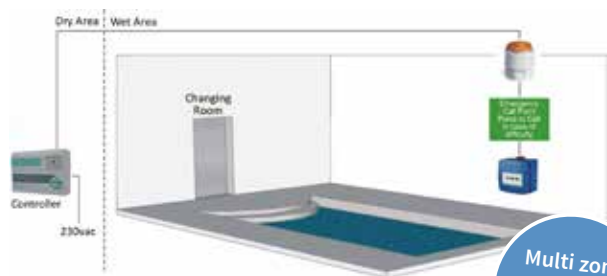
Pool Alarm

Single zone Pool Alarm kit designed to provide emergency call from poolside, sauna or steam room to a supervisor's location. Ideal for smaller pools requiring only one general area of emergency call.

- Four Selectable Warning Tones
- Mains Powered with Standby Batteries
- Audible & Visual Signalling to Remote Point



Typical system showing the arrangement of various components



Multi zone
controller
available

Code	Description
A600PKIT	Single Zone Pool Alarm Kit 1 x A600P Controller, 1 x WCP-B-11 Call Point 1 x 8581750/HB Sounder Beacon, 1 x LAB35200 Pool Alarm Sign

Plastic Buttons & Indicators - 87x87x36mm - surface mount



Code & Description

S1709PRG - Two position DPCO keyswitch c/w LEDs



S1788P - High Power sounder c/w 8 ultra-bright LED's & selectable tones.



S1706PG - Multi function Press to Exit button c/w green LED's



S1705P - Non latching Press to Call c/w LEDs & buzzer.



Code & Description

S1760P - Selectable wording Multi function push button c/w LED's



S1703P - Selectable wording General purpose button c/w LED's & buzzer.



S1708P - Press to Reset button c/w LED & buzzer.



S1718PRG - Press to Release button c/w Red & Green LED's.



Code & Description

S1778PR - Overdoor light & buzzer c/w Red LEDs



S1717PRG - Door status indicator c/w Red & Green LEDs



S1782PGR - 8 way Indicator c/w 4 green and 4 red LEDs plus sounder.

Label can be supplied with text of your choice or blank.

Stainless Steel Buttons & Indicators - 86 x 86 x 2mm - can be flush or surface mount



Code & Description

S1705S
Press to call button & LED



S1706S
Press to Exit button



S1707S
Press to Enter button



S1708S
Press to Reset button



Code & Description

S1709S
2 position key switch



S1709WP-TS - Two position waterproof keyswitch c/w tamper switch



S1715STC - Two LEDs & Push Button with Custom text



S1717SJM - Door status indicator, Red / Green jumbo LEDs and sounder



Code & Description

S1720IN - Green & Red LED's engraved Vacant and Engaged.



S1778SR - Red Overdoor Light & sounder



S0610 - 38mm Mock stainless steel pattress to surface mount Stainless plates



WG1 - Weather gasket for SINGLE gang switch - 2 per pack s/a backed

Touchless Buttons



Code & Description

J-Wave - Architrave style Door Activation Switch 12/24vdc/ac



Clearwave - Microwave sensor Door Activation Switch 12/24vdc/ac



Code & Description

S1706SNT
Touch Free Door Release 12/24vdc



S1706SANT
Architrave style Touch Free Door Release 12/24vdc



Code & Description

S1718SNT
Request to Release no touch infrared sensor with Red and Green LEDs 12vdc

Mushroom Headed Push Buttons

Standard - 86 x 86 x 2mm can be flush or surface mount



Code & Description

S1711S - Latching twist to reset button.



S1713S - Latching button with key reset



S1712S - Momentary action button



S0610-50 - 50mm Mock stainless steel pattress to surface mount Stainless mushroom buttons.

Waterproof - Ideal for use outdoor or in damp environments. Push buttons mounted in an IP66 rated enclosure.



Code & Description

S1711WGB - Latching twist to reset button



S1712WGB - Momentary action button



S1713WYB - Push on/key reset mushroom push button IP69K Rated



DISC-PTE
Push to Exit



DISC-PA1
Pool Alarm



DISC-PA
Panic Alarm

Bespoke engraved discs available

ChatterBox IP65 Weatherproof Talking Alarm Module

Self contained audio module with loud speaker. Typically used alongside intruder alarms, or general automated and building welcome messages.

- Available in 12vdc and mains
- SD card included
- Play any type of sound – tone, music or voice
- Adapter available for use with PA systems
- Inputs will accept normally open or normally closed to activate a sound
- Mono RCA socket allows connection to external amplifier or PA System
- Professional recording of up to four short voice messages available - Order code TAMREC
- Built in queue call system
- Over 40 messages FOC

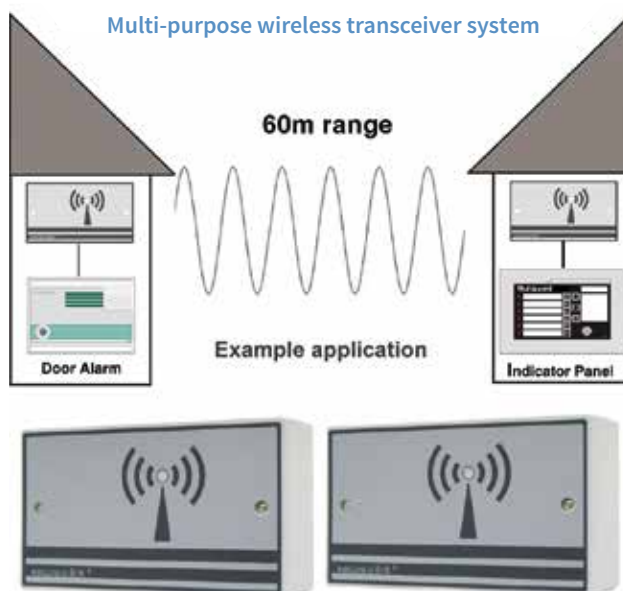


Code	Description
TAM401WP	12vdc powered
TAM406WP	Mains powered

Secure-a-Link wireless relay transceiver

Used to communicate switch signals between two points in either direction. Tamper facilities and selected operation modes – 868MHz band.

- 12VDC powered
- 60m range (free space)
- Signal strength display
- 1 or 2 way wireless switching of clean contacts
- SPCO 1A relay outputs
- Tamper / Fault output



Code	Description
WLR121KIT	Wireless relay transceiver

Custom Designed Equipment

Don't forget Hoyles design and manufacture control and indication equipment for use across a wide range of industries.

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

