Cygnus

Se
SiteEvac

COMMANDER

Fire & Emergency Evacuation Alarm

BASTION
SYSTEMS LIMITED

FIRE

PUSH BUTTON TO
ACTIVATE ALARM

The easiest & effective temporary emergency fire alarm system to keep you compliant.

Cygnus and Site Evac Fire Alarms are designed as a temporary fire alarm system for use on construction sites. These robust alarms are fully self-contained and can be used as a standalone device or linked by cable connection, to form a site-wide system.

Easily installed and relocated, the system is hugely versatile and can be moved for convenience as a site takes shape. The alarms benefit from having an extremely robust ABS casing, for maximum durability, and are equipped with a siren which packs a huge noise output of 110 decibels, which is more than adequate to be heard on busy construction sites. The alarms also feature a flashing beacon for visual alerts.

Mains electricity is not required as the units operate from 9V PP3 batteries which means these portable alarms can be remotely located.

Cygnus and Site Evac Fire Alarms are Ingress Protected to IP65 and are suitable for external use.

Cable linking between Site Evac fire alarms is easily achieved by simply connecting a 2 core cable into the multi-link connector block situated in the alarm itself.

Cygnus Fire Alarms are compatible with Fire-smoke and heat detectors and the system can accommodate separate zones running upto a maximum of 15 zones.

Standards

HSE Fire Safety Guidelines for Construction Sites (HSG168; 223) Health and Safety Executive guidelines for compliance with legislation on fire safety in construction sites 1 state that:

"It is expected on the majority of sites that an inter-connecting (could be wired-in or wireless) system of call points and sounders will be required to provide an effective fire warning system."

16 Steps to Timber Frame Construction – the Structural Timber Association's 16 Steps to Timber Frame Construction document.

"An appropriately designed, installed and maintained automatic fire detection alarm system can reasonably ensure that site operatives will be aware of a fire before it can become large enough to compromise their escape route."

"As a general rule, hand bells, whistles and similar fire alarm devices are probably not going to be loud enough or heard easily by all site operatives on multi-storey construction projects. Electrically operated fire warning devices must always be used in timber frame projects unless it can be clearly demonstrated that other systems are effective. These devices should be linked to detection devices strategically placed around the structure to provide the earliest possible detection of fire."

Your easiest & effective emergency fire alarm system to keep you compliant

Bastion Systems provides full on-site surveys, installation, service, maintenance and training on Cygnus & Site Evac Fire Alarm systems.

Rapid response

Site Evac Fire Alarms are designed as a temporary fire alarm system for use on construction sites. These robust alarms are fully self-contained and can be used as a standalone device or linked by cable to form a site-wide system.

FIRE

BULL PRODUCTS

PUSH BUTTON TO ACTIVATE ALARM

PUSH BUTTON TO ACTIVATE ALARM

ALM04 Bull Site EVAC Alarm

ALARM MUST BE TESTED WEEKLY

Self-contained alarm unit

The Site Evac Fire Alarm is a standalone and self-contained alarm unit but can be linked to other units by cable without the need of a control panel.

Large and loud

The Site Evac Fire Alarm has a large push button for easy activation and also includes a flashing sounder/beacon which has a noise output of 110 decibels. This can be easily heard over the background noise when on a construction site.

Versatile and durable

Due to its Ingress Protective rating, the Site Evac Fire Alarm can be used internally and externally providing site-wide coverage. It has been built with a thick ABS plastic to provide durability against vandalism and damage.

Features

- – Standalone
- – Cable linkable
- – Connect multiple alarm units
- – Easy-to-use. Simply push button to activate
- – Battery powered, no mains power required
- – 110 decibel sounder
- – Bright flashing beacon
- – Security locking mechanism
- – Strong and durable ABS design
- – Vandal proof
- – Low maintenance
- – Can be used many times over
- – Can be installed by non-trained personnel

SPECIFICATIONS	ALM04
SIZE H x W x D (mm)	248 x 158 x 60
WEIGHT	0.75kg
IP RATED	-
FREQUENCY	-
NOISE LEVEL	110dB
POWER	9V PP3 Battery
LINKABLE	Yes
RADIO LINK	No
AERIAL TYPE	-
WARRANTY	12 Months

HIRE OR BUY

PURCHASE AND HIRE OPTIONS AVAILABLE

From construction sites to event management

CE Marking and the Construction Products Directive
The system is CE marked in accordance with the EU Construction Products Directive (89/106/EEC) and the radio modules are Class 1 with Category 1 receivers as required for human life inherent systems in accordance with the R&TTE directive (1999/5/EC)

For more information email Bastion Systems simon@bastionsystems.co.nz

BASTION SYSTEMS LIMITED

Go wireless,
Choose Cygnus
rapid response

Rapid response to emergencies on your site

Capture data from devices situated around a site with the Cygnus Control Panel. View data directly from the control panels LCD screen including active alarms, signal failure, first aid alert, heat and smoke detector activations and much more.

Cygnus Control Panel CYG1

It is capable of holding event logs, so the user can go back to an event to find accurate date and time of any alert. The control panel which can run for up to a month using its internal battery also operates on mains power. The panel has other features including an evacuate site function which can be used in case of emergency and also has outputs to connect to on-site paging system and/or auto-dialling facility for off-site and out of hours protection

WIRELESS — EASY TO INSTALL — RAPID RESPONSE — FIRE & ACCIDENT

Meets and exceeds requirements of NZS 4512:2010 for fire detection and alarm systems to help prevent loss of life and provide optimum fire protection for New Zealand buildings.

Features

- NZS 4512:2010 Standard provides up-to-date specifications in the event of fire to facilitate appropriate emergency measures.
- Exceptionally easy to install.
- Conveniently easy to maintain.
- Class 1 Radio
- CE Certified
- Radio meshing signal ensures impressive connection range.
- IP rated Call Points
- Commercial smoke and heat detectors
- Automatic 6-hourly system check
- First Aid Alert Facility (optional)
- Auto Dialler or paging facility (optional) to key holders and/or the responsible person.
- Digital display on panel showing quality of range and battery life on individual devices.
- Records recent events, i.e. date, time, device number of activated alarm, signal faults, low battery etc.

Technical Specification	CYG1
Size H x W x D (mm)	320 x 285 x 135
Aerial Height (mm)	230
Weight (kg / lbs)	4.68 / 10.30
IP Rated	—
Frequency	434MHz
Category 1	YES
Noise Level (dB)	65
Power	Mains with Battery Back-up
Battery Backup Type	6v Rechargeable Battery (Lead Acid)
Aerial Type	External Mount
Warranty	12 Months
Quantity (per box)	1

HIRE   OR   BUY

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BASTION SYSTEMS LIMITED

Cygnus

PRESS BUTTON TO ALERT FIRST AIDER

NOT FOR PERMANENT
INCORPORATION

Cygnus

ORIGINATOR

LOW BATTERY

PRESS
→ ● ←
HERE

LIFT FLAP TO PRESS CALL PO

CE

Rapid response for fire and first aid

The intended purpose of this system is a temporary fire and first aid alarm system which is not required to be manufactured and compliant with the Construction Products Regulation 2011. All Cygnus system alarms utilise the same Class 1 radio and are fully tested to AS/NZS and CE standards.

Cygnus call point alarms
Fire, first aid and emergency

The Cygnus systems are able to link 480 individual units in 15 different zones. Individual units may vary from fire alarm call points, first aid alert points, smoke detectors, heat detectors, the combined fire call point/first aid alert alarm and interface units.

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Meets and exceeds requirements of NZS 4512:2010 for fire detection and alarm systems to help prevent loss of life and provide optimum fire protection for New Zealand buildings.

Features

- First responders Fire Point Centre.
- Fire alarm for complete site wide evacuation.
- Extinguisher cabinet protects misuse,damage and weather elements.
- Fire alarm can be connected to cabinet to alert when tampered with.

- Minimises the risk of extinguishers being used without notifying the site.
- Tamper pins, designed for cabinet latches, eliminates weekly inspection of extinguishers.
- Fire plan displayed to aid escape and show routes to assembly area.
- First aid alert sounds intermittently every 8 seconds, easily exstinguished from the fire alarm.
- Fire alarm is CE marked in accordance with the EU.

Control Panel

The data which is displayed on a LCD screen, includes active alarms, battery low warning, signal failure, first aid alert, heat and smoke Detector activations and much more .

Call Point Alarm

These devices are normally situated around a site in prominent places on main escape routes, stairwells and are normally situated on, or near, a fire point.

Call Point & First Aid Alert Alarm

The first aid alert operates in a different way to an evacuate alarm so as to distinguish the type of alarm .

Smoke / Heat Detector

The Cygnus system uses radio intelligence to alert the control panel. These detectors use a similar battery pack to other call point devices .

First Aid Alert Point

Once triggered the first aid alert will intermittently beep every 8 seconds, the control panels notification will tell the user the zone and the unit in the zone where the alarm has been triggered.

HIRE OR BUY

PURCHASE AND HIRE OPTIONS AVAILABLE
From construction sites to event management

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BASTION SYSTEMS LIMITED

Complete your system with Commander fire extinguishers

Bastion Systems provides full range of Commander extinguishers including water, foam powder, CO2 and wet chemical.

COMMANDER

Commander
The specialist's choice

With one of the widest ranges available on the market today, Commander is firmly established as a true market leader. a dependable choice for almost any situation, and reliable performance is guaranteed.

With one of the widest ranges available on the market today.

The Commander range is fully certified across the range, and is set to become the choice of the professional with it's reassuring mixture of performance, quality and value.

Commander is firmly established as a true market leader.

Features

– Certified and Approved to Australian Standard AS/NZS 1841.2, 3, 4, 5 & 6 (As appropriate)

– Stainless Steel cylinder construction (As appropriate)

– Aluminium cylinder construction (As appropriate)

– Powder Coated Red finish

– UV Resistant Paint

– Supplied with maintenance/test tag and wall bracket

– Supplied with vehicle bracket and flexible hose

– Stainless Steel Handle

– 6% Fluorine Free Foam Suitable for use on all B Class fires (As appropriate)

– Suitable for use on Polar Solvent/Alcohol type fires (As appropriate)

	A	B	C	D		F
	Fires caused by combustion of solid materials, mainly of organic origin.	Fires caused by combustion of liquids or materials that liquefy	Fires caused by combustion of gases	Fires caused by combustion of metals	Fires caused by electrical faults	Fires caused by cooking oil-fires
WATER	✓					
FOAM	✓	✓				
POWDER	✓	✓	✓	✓*	✓	
CO$_2$		✓			✓	
WET CHEMICAL	✓					✓

*Special Class D Powder only (Not ABC Powder)

Customise your safety display stand

Bastion Systems all-in-one safety display stand. This concept has been designed to have site safety notices and welfare equipment displayed for all workforces around a construction zone.

Its uses extend into the industrial sector around factories or warehouses. There are endless designs and configurations but Bastion Systems can work with their customers to fulfil all their requirements. Each section is fully stand alone but can also be joined using brackets.

Bastion Systems are happy to design and provide samples for their customers, but will require full payment on acceptance of this product.

All you need to stay protected on the job

- Totally customised designs

- Also available as wheeled units for easy manoeuvring

- Extremely durable powder coated steel frame

- Extinguishers can be fixed to the stand with brackets

- Display all site notices and information in A3/A4 snapframes

- Have your company name logo printed on fire alarms

- Can be either stand alone or can be radio linked, cable linked to other fire points

- Other equipment is available eg: first aid kits, reporting/ suggestion boxes, ipod stations, spill kits, waterproof extinguisher cabinets, fire blankets, rotary alarm bells, waterproof snapframes, all types & sizes of SiteEvac extinguishers, coverall dispensers etc.

- Extra stands can be designed so as to complete a cubed or triangular point

Not all work sites are the same

Fire Accessories
- Fire alarm
- Rotary bell
- Plastic/metal fire bucket
- Fire blanket 1m, 2m, 1.8m
- Any type fire extinguisher
- Any type signage, standard or bespoke
- H & S fire posters

First Aid Protection
- First aid kit 10/20/50 person
- Plaster dispenser (quick fix)
- Burn kits
- Body fluid disposal kits
- First aid posters & signage
- Emergency defibrillator

Eye Protection
- Eye wash pod station
- 500ml double eye wash station for

chemical/dust
- Lens cleaning station
- Eye protection posters

Ear Protection
- Ear plug dispenser
- Noise level posters & information

Spill Control
- Spill kits 20, 25, 40, 50, 80 Ltr shoulder bag
- Spill granules
- Spill response posters & information

Other Accessories Include
- Poster & information display snap frames A1, A2, A3, A4, A5
- Dry wipe board 450 x 600mm or 600 x 900mm
- Suggestion boxes
- Card/brochure/document holders
- Signage - corporate image/company name & logo, company slogans

Rapid response for fire emergencies

The Cygnus Products range of First Responders Stations are designed to suit all requirements. These stations are fully customisable as there is no standard configuration. Customise your signage, emergency plans, branding, types of extinguisher, alarm type, cabinet type, etc.

First Responder Station
Fire Safety

Cygnus is an elite emergency alarm system which is battery powered and connects on a category 1 radio frequency which conforms to NZS 4512:2010. The use of high performance category 1 radios ensures maximum range, even when other strong local signals are present.

Features

- First responders Fire Point Centre.
- Fire alarm for complete site wide evacuation.
- Extinguisher cabinet protects misuse,damage and weather elements.
- Fire alarm can be connected to cabinet to alert when tampered with.
- Minimises the risk of extinguishers being used without notifying the site.
- Tamper pins, designed for cabinet latches, eliminates weekly inspection of extinguishers.
- Fire plan displayed to aid escape and show routes to assembly area.
- First aid alert sounds intermittently every 8 seconds, easily cancelled from the fire alarm.
- Fire alarm is CE marked in accordance with the EU.
- Construction Products Directive (89/106/EEC).
- Corporate branding available.

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