

Lockdown Alert System

Wireless Critical Alert System



Robust, battery powered and completely wireless, the Lockdown Alert System (LOCAS) is a flexible solution for a multitude of alarm requirements, improving your security notifications across site.

Versatile Wireless Critical Alert System

Designed to provide a clear warning in an event requiring action, LOCAS boasts an impressive 1km line of sight wireless transmission range between units, with upto 64 units meshing together as part of a alert network. Plus, as the units receive their signal wirelessly and are battery powered, there is no need for a variety cables to each unit, increasing the versatility of where the units can be placed.

Standalone & Ease of Use

Utilising one master unit and several slave units, LOCAS can be operated as a standalone system, including a key to reset the master unit, which resets all slave units post activation. The system can also be monitored and controlled from one central location by adding a Genesis IP Masthead for use with the PC app, which gives features for monitoring, activating and testing the units, plus email alerts for upto 3 email groups in the event of activation, plus text notifications of activations when using at IP bridge unit.

Clear alerting

The Annunciator/sounder is paired with a flashing beacon light, so during a lockdown event, an audio and visual warning are given to allow as many people/students as possible to be warned. Both internal (IP54) and external (IP66) versions are available.



Product Features

Sound Audio Customisation



Choose any 1 of 32 different alert sounds, with decibel levels adjustable up to 117 dB, making them adaptable to your needs.

Water & Dust Resistance



Internal and external units are available for use, with internal units rated at IP54, and the external units a rating of IP66.

Mesh Network Connectivity



All units are wireless and battery powered, so they don't require any wires to connect up, making placement versatile. They create a Mesh Network, with upto 64 units within one site.

Visual and Audio Alerts



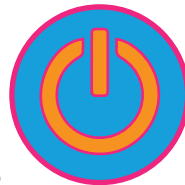
The LOCAS units have a sounder and beacon light, to give an audio and visual notification of a Lockdown event.

Single Master Turn off



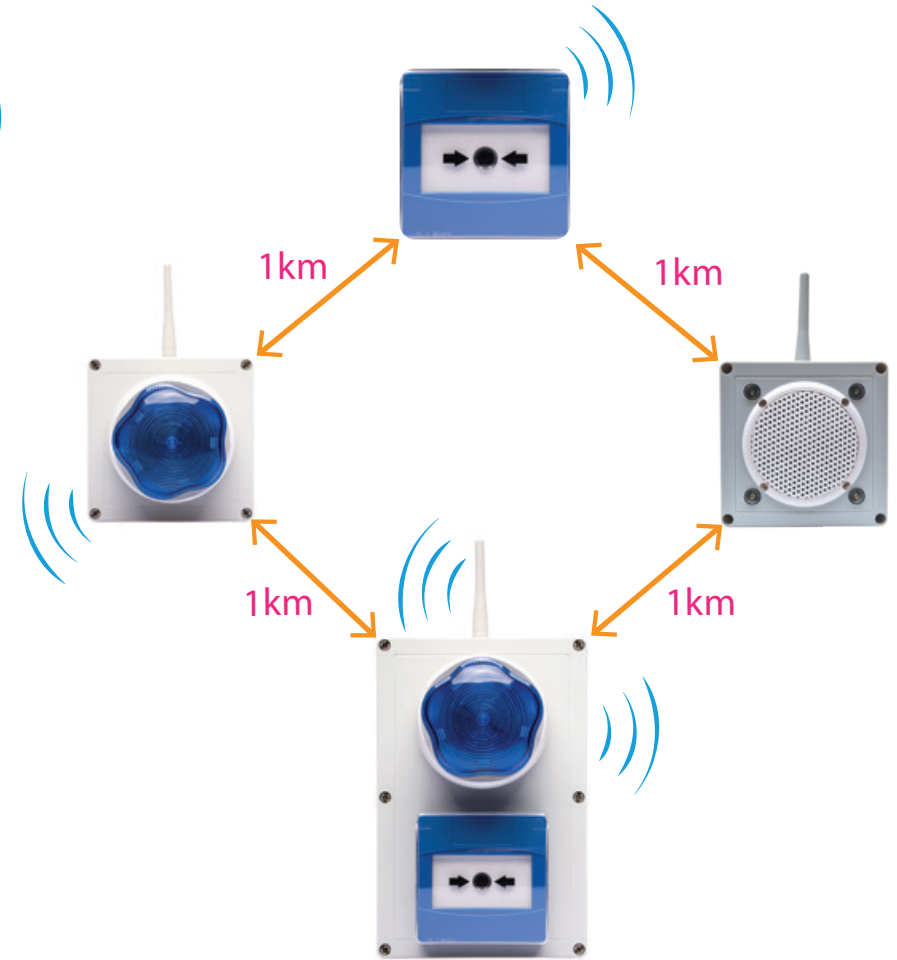
Each site has a master unit with a master key, which will silence all units post-activation, rather than having to locate and deactivate the original source unit.

Activate on site anywhere



A portable call point key fob can also activate the system when within 100m of a unit. To prevent false activations, both buttons have to be pressed together for 4 seconds to activate.

Lockdown Alert System



“Having different alert activation is now vitally important for staff, student and visitors to react appropriately to a given situation. The versatility of the LOCAS system helps achieve this”

Product Specification

Lockdown Alert System

Sounder & Call Point

Unit

Power Requirements 2 x 3.6V lithium D cells with upto 2 years battery life

Receiver Frequency 434.525 Mhz

Reception Range Up to 1km line of sight per mesh hop 10

Transmission Power 10 MW

Aerial Supplied with 50ohm helical

Site / Unit Codes 32 site codes / 64 unit codes

Decibel Level Sounder adjustable from 86 - 117dBa

Housing Enclosure and beacon = ABS

Call Point = Polycarbonate

Operating Frequency 440 - 2900 Hz

IP Rating Internal - IP54
External - IP66

**Sounder/
Annunciator
Unit**



**Sounder & Call
Point Unit**



Product Specification

Lockdown Alert System

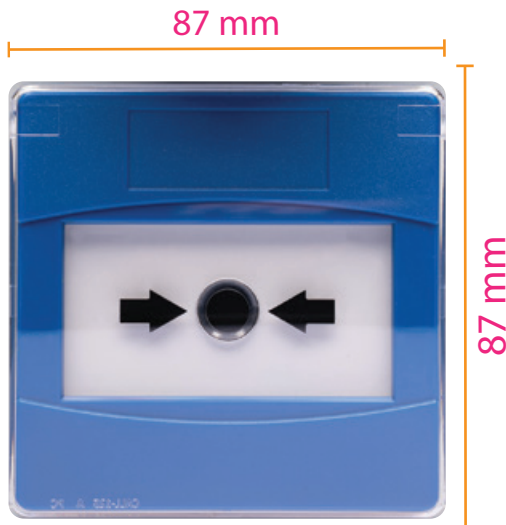
Call Point

Battery Type	CR123A Lithium 3 Volts
Battery Life	Up to 4 years
Poling	Every 12 hours + battery status
Transmission Range	500m line of sight
Transmission	434.525Mhz FM
Frequency	
Low Battery Indication	Front Facia flashes 5 times every minute
Weather Rating	External: IP66 Internal: n/a

Key Fob

Activation Control	Dual button anti-false press button sequence
Button Response	LED status light on fob
Transmission Range	100m
Battery Life	2 year battery life
Battery Type	12V alkaline - 23A type
Frequency	433.42Mhz
Temperature Range	-10°C to +40°C

Call Point Unit



Product Specification

Lockdown Alert System

IP Bridge

RF Input

434.525Mhz 10m/a

Antenna

1/4 wave included - BNC Connection

RF Range

1km line of sight

Data out

Ethernet

Configuration

via Bluetooth

Updates

Software updates via USB

TCP/IP

via Ethernet/Wi-Fi

Operating Voltage

5 volts DC

Current Consumption

250m/a

Enclosure

ABS Plastic Housing

Weatherproof Rating

IP66

Temperature Range

-10°C to +40°C

IP Bridge

