AlarmCall

call systems technology

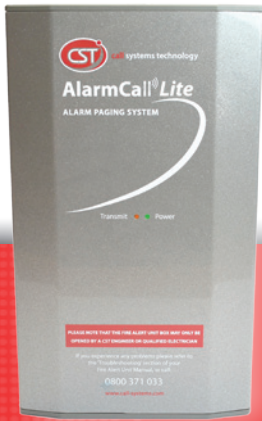## ALARM PAGING SUITE

Paging Systems for:
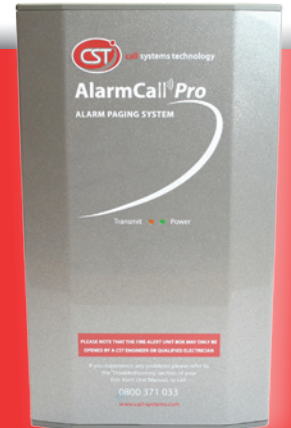
– Industry, Commerce, Hotels, Healthcare, Education

– Deaf and Hard of Hearing

AlarmCall *Lite* is ideal for all sizes of premises and affordable to proprietors of smaller establishments and properties. The system provides up to 500mW of power output from a neat, wall-mounted enclosure attached to an external dipole aerial. It has the option of fused spur power supply or three-pin socket. An LED indicates its power and transmission status. It can transmit messages as long as 200 characters to POCSAG compatible personal pagers.

AlarmCall *Pro* contains a powerful 4W transmitter in a neat, wall-mounted enclosure. It provides great flexibility to installers and users to choose from a variety of paging and communication systems or to interface to currently installed or favoured systems.

AlarmCall Pro is compatible with many commercially available paging and data input protocols, including Protec, Scope, ESPA, Ascom, Notifier and Morley. It has 4 contacts as standard with a 32 contact module for expansion. It is able to send messages up to 200 characters in length and to transmit them over a wide area thanks to its high, maximum 4W, power output. It suits premise sizes from the smallest to the largest.

AlarmCall Lite   AlarmCall Pro

	AlarmCall Lite	AlarmCall Pro
Power Supply	240V AC	240V AC
Frequency Range	UHF: 427.5 – 475MHz, synthesized	UHF: 427.5 – 475MHz, synthesized
Channel Spacing	12.5kHz or 25kHz	12.5kHz or 25kHz
Power Output	500mW	500mW to 2W ±1dB 50 Ω
Baud Rate (Transmission)	512 or 1200 Baud	512 or 1200 Baud
Transmit Message Format	POCSAG	POCSAG
Message Length	Up to 240 characters in total	Up to 240 characters in total
Power Usage	Sleep: 40mA, Transmit 1.2A approx.	Sleep: 40mA, Transmit 1.2A approx.
Temperature Range	-10ºC to +60ºC	-10ºC to +60ºC
Case Dimensions	262mm x 155mm x 50mm (LxWxD)	262mm x 155mm x 50mm (LxWxD)
Interface	4 dry contacts	Com 1 – RS232 Serial data + 4 dry contacts
Serial Connection	9600 Baud N:8:1 (for changing unit parameters and message output)	9600 Baud N:8:1 (for changing unit parameters and message output). Adjustable for serial data input.
Data Input Paging Protocols	N/A	SALCOM, SCOPE, ESPA, Ascom, TPP, Morley, Protec, Multi Alarm, Notifier
Optional Additions		Telephone interface, using serial interface. Technical approval required prior to order. 32 input dry contact expansion, using serial interface. Technical approval required prior to order.

AlarmCall *Pro+* adds powerful battery back-up to AlarmCall *Pro*, for 24-hour coverage. This includes a low battery audible alarm, which alerts the fire panel in case of transmitter power loss.

DeafCall pagers alert individuals who have hearing impairments when the fire alarm has been activated, ensuring they have time to take evasive action and ensuring that their employers fully comply with the requirements of the Equality Act 2010. The system is installed in many hundreds of UK Schools, businesses and retail premises. The DeafCall paging system connects directly to the Fire Alarm panel via a clean closed contact. On fire alarm activation, it transmits a text message to every DeafCall vibrating pager. DeafCall is housed in a compact, wall mounted enclosure with external dipole aerial and an indicator LED showing power and transmission status. 24-hour coverage is provided by a continuous battery back-up and a low battery audible alarm.

AlarmCall Pro+   DeafCall

AlarmCall Pro+	DeafCall
100–240V AC	100–240V AC
UHF: 427.5 – 475MHz, synthesized	UHF: 427.5 – 475MHz, synthesized
12.5kHz	12.5kHz
500mW to 2W ±1dB 50 Ω	500mW to 2W ±1dB 50 Ω
512 or 1200 Baud	512 or 1200 Baud
POCSAG	POCSAG
Up to 240 characters in total	Up to 240 characters in total
Sleep: 40mA, Transmit 1.2A approx.	Sleep: 40mA, Transmit 1.2A approx.
-10ºC to +60ºC	-10ºC to +60ºC
272mm x 258mm x 78mm (LxWxD)	272mm x 258mm x 78mm (LxWxD)
Com 1 – RS232 Serial data + 4 dry contacts	Com 1 – RS232 Serial data + 3 dry contacts. N/C fault output. Contact 4 – test button.
9600 Baud N:8:1 (for changing unit parameters and message output). Adjustable for serial data input.	9600 Baud N:8:1 (for changing unit parameters and message output).
SALCOM, SCOPE, ESPA, Ascom, TPP, Morley, Protec, Multi Alarm, Notifier	SALCOM, SCOPE, ESPA, Ascom, TPP, Morley, Protec, Multi Alarm, Notifier

Telephone interface, using serial interface. Technical approval required prior to order.
32 input dry contact expansion, using serial interface. Technical approval required prior to order.

The **AlarmCall** *Suite* includes a choice of three alphanumeric pagers: the J23 alphanumeric pager, in a choice of red or black, or a wrist watch pager complete with strap.

nsure the safety of customers, guests, visitors and staff, including hearing and physically impaired staff members.

ASDA saves costs by preventing unnecessary evacuations

False fire alarms are a major frustration for large food retailers. In case the alarm is genuine, customers and staff must be evacuated and costs can reach as high as £20,000 per site in lost sales, wasted and stolen food stuffs and staff downtime. More importantly, they risk losing customer goodwill.

Reducing evacuations

ASDA has implemented the CST AlarmCall system across all its 370 stores and false evacuations have reduced by half. Developed with the support of Greater Manchester Fire & Rescue, the system gives trained Fire Investigators three minutes to verify alarm activations before the fire panel goes into full alarm, therefore reducing unnecessary evacuations. Alan Beecham of the Manchester Fire Service describes the results as 'fantastic'.

Call Systems Technology – *the on-site wireless premises protection experts*

Call Systems Technology is the UK's leading on-site wireless communications technology supplier with thousands of customers in blue-chip organisations, government, healthcare, education, retail, business and hospitality organisations. The AlarmCall suite saves businesses from huge disruptions and incalculable sums associated with unnecessary fire evacuations - from food and criminal wastage in retail, to preventing room-rate refunds in hotels. They assure organisations that their staff and visitors will be asked to evacuate only when necessary, and that their hearing-impaired staff are not disadvantaged in the event of building or fire dangers.

The AlarmCall suite discreetly earns its place in the safety and security portfolios of prominent, leading and great employers.