

'INNOVATORS OF FIRE PROTECTION'

'SALAMANDER' is a system of battery powered, magnetic fire door holders controlled by **GEOFIRE** technology and linked by radio signals to a central controller. The controller is mains powered and is linked into the building's fire control system. The system enables fire doors to be legally held in an open position to give ease of access through a building, in compliance with the Disability Discrimination Act. Unlike conventional fire door holders, no wiring has to be run through the building, making the system cost effective and convenient to install.

SALAMANDER IS THE SAFE, LEGAL AND COST EFFECTIVE SOLUTION

FAIL SAFE

- Automatically releases all fire doors when fire alarm sounds
- Self-monitoring of RF signal, battery and mains supply
- Automatic daily release of some or all doors at a programmable time.

NO MORE CABLES

- Labour costs reduced by 90%
- Minimum disruption

EASY INSTALLATION

- No unsightly cables
- Fitted easily and quickly
- Mobile - can be moved to individual doors as needed
- Booster facility for large installations

BATTERY POWERED

- Innovative magnet conserves battery power
- Expected battery life of up to two years
- Visible indication of battery and radio strength for any door holder

SIMPLE TO USE

- User friendly controls
- Straight forward commissioning
- No external moving parts
- Step-by-step installers guide

SAFE AND COMPLIANT

- Eliminates illegally wedged open doors
- Improves wheelchair access in line with Disability Discrimination Act
- Reliability and robustness against false alarms
- Suitable for normal and noisy environments
- Complies with BS EN 1155 & ETSI 300 220 (Licence exempt)



SALAMANDER

**SAVES LIVES AND PROTECTS
BUILDINGS WHILST ALLOWING
FREEDOM OF ACCESS**

Technical Information

Display	Standard Controller Advanced Controller	LEDs indicates system working - Low battery - Low signal - Door number. Alpha numeric display of full system diagnostics.
Radio Frequency	868MHz to European standard. Radio licence exempt.	
Range	Up to 100m, Radio booster units can double range.	
RF Interference	Controller will scan the area for 'quiet' channels. RF messages incorporate a Cyclic Redundancy Check (CRC) to protect the message from corruption.	
Low Battery Alert & Low Signal Alert	Standard Controller Advanced Controller Door Holder Unit	Panel illuminates the Low Battery LED and displays unit number. Panel displays Low Battery alert and unit number. Door Holder releases door.
Power Supply	Controller Door Holder Unit	230V ac 50Hz Mains Supply. 2 x C Type Batteries.
Battery Life	Up to two years.	
Holding Force	200 newtons (45 lbs force), approved to door closer power size 5.	
Dimensions	Controller Door Holder	(H x W x D) 196 x 280 x 42 mm (H x W x D) 97 x 119 x 66 mm
Weight	Controller 350g	Door Holder 750g
Housing material	ABS	
Compliance	CE marked ETSI 300 220 (Licence exempt) BS EN1155, EMC Directive, Constructive Products Directive	

