



Guardall



A flexible, low cost light control system comprising of a Drive Unit, choice of either volumetric or long range Detectors, and a choice of either standard or LCD Controllers. Suitable for both residential and commercial use, the flexibility of Excalibur makes it an effective deterrent of crime, a welcoming courtesy light for visitors, or an energy saving system.



LIGHT CONTROL

Excalibur

Versatility of Performance

- Provides one of the most effective deterrents of crime, light, to deter criminals with a flood of light from either external floods or internal lights as they approach premises.
- A reassuring welcome to users, legitimate visitors - particularly children, when approaching the house in darkness or when fumbling for keys.
- Saves electricity bills, since lights are only activated when someone enters the protected coverage area.
- Prevents accidents by automatically lighting-up pathways, driveways etc., highlighting any obstructions.

User & Installer Friendly

- Elegant compact design for fashionable residential or commercial surroundings.
- Drive unit contains the mains transformer, output relay and mains switching, and can be connected to up to 10 sensor heads using standard 4-core alarm cable. The Drive Unit can be mounted either internally or externally for ease of installation.
- Choice of controllers - A standard controller provides basic operational modes via a slideswitch with user adjustable daylight sensitivity and switching time.

The LCD controller offers complete control via 2 programmable keys for selecting operational modes, including photocell mode, and audible annunciation. It also provides visual display of selected parameters and active zones.

- PIR detector can be adjusted horizontally and vertically to accommodate awkward installations.
- Flexible installation, since multiple detector and control unit wiring can be either taken to the drive unit, or connected to other detectors.

PIR Detector (17 m Volumetric and 30 m Long Range)

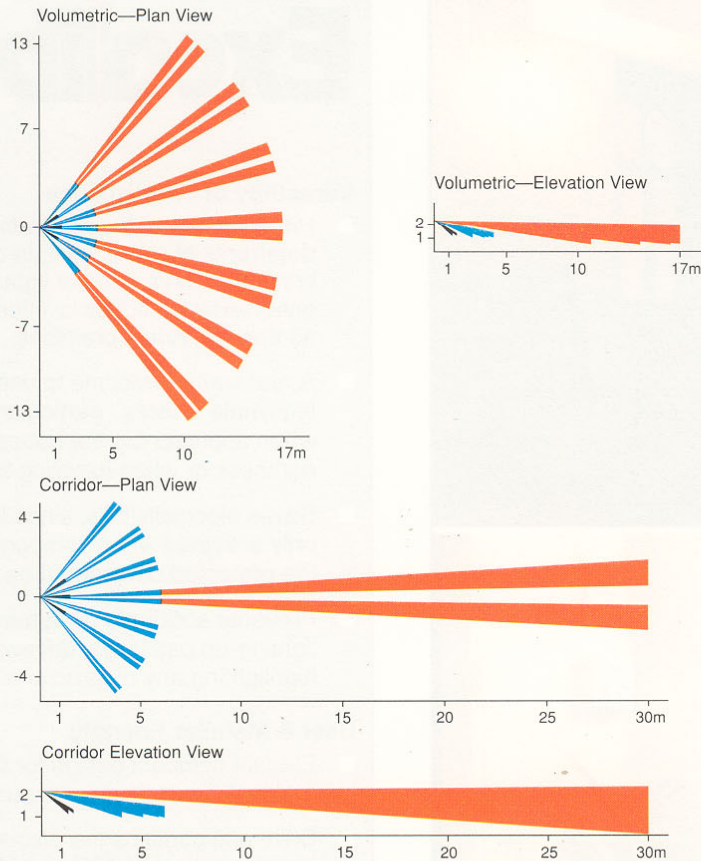
Drive Unit

Control Unit (Standard and LCD)



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Coverage



Ordering Information

W71950	Ex 17S	Excalibur Volumetric Sensor
W71952	Ex 30S	Excalibur Long Range Sensor
W71948	Ex DU240	Excalibur Drive Unit (240V)
W72030	Ex LCDCU	Excalibur LCD Control Unit
W71951	Ex CU	Excalibur Control Unit

Specification

Drive Unit	
Power	220/240 V ac 50Hz
Maximum Switching Output	2 kW when switching tungsten lamps
Light up period (when not using control unit)	5 minutes fixed
Temperature Range	-20° to +50°C
IP Rating	IP55
Sensor Head	
Power	10 - 16 V dc
Temperature Range	-20° to +55°C
Steerable adjustment	+/-90° horizontal, +10 to -50° vertical
IP Rating	IP54
Detection Range	Volumetric (17 metres) Long Range (30 metres)
Control Unit	
Power	11 - 13 V dc
Daylight Sensitivity Adjustment	5 - 100 LUX
Temperature Range	0° to +50°C
Standard	
Time on adjustment	1 - 20 minutes
Slide Switch	Walk Test - ON - AUTO - CHIME - OFF
Chime Option	Selectable switch
LCD	
Photocell Mode	Adjustable daylight sensitivity & On-time (1 - 24 hours)
On Mode :	Adjustable On-time (1 - 24 Hours)
Automatic Mode :	Adjustable On-time (1 - 99 minutes)
Chime Mode :	Chime selectable, day/night
	LCD display of active zones and user selectable parameters.

WORLDWIDE SALES LOCATIONS

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All Guardall products are warranted against defects in workmanship or materials (details available on request).

In the interests of improving quality and design, Guardall reserve the right to amend specifications without giving prior notice.

Supplier/Installer :



FM 977
FM 1005

Any photographic representations have been included to reflect the products suitability for an application and not to imply that the subject or organisation uses or has used Guardall products.