

# Exitguard 100 Series ●●●●

**EXITGUARD** is the ideal solution for security of fire exit doors in Supermarkets, Hotels, Restaurants, Warehouses, Leisure Centres and all types of public buildings. It satisfies the requirements of both fire and security officers. An integral high power sounder is activated when the door is opened to warn those in the vicinity that security has been breached.

This **EXITGUARD** uses a two position keyswitch for setting the alarm. The integral sounder has two selectable tones to enable the alarm condition to be distinguished from any other alarms in the vicinity. These are link selectable during installation. The alarm can be silenced and reset using the keyswitch or the EXITGUARD can re-arm automatically after a preset delay once the door has been closed. The preset delay is adjustable up to 90 seconds. A Door Open Too Long (DOTL) delay of 15 seconds can be set during installation as can a chime facility.

An auto sounder reduction feature is incorporated to attenuate the sounder to a periodic bleep every 30 seconds and reduce the annoyance caused if the key holder is not available. However, the sounder will re-start if the door is opened again.

The tamper feature also uses a sounder reduction feature via the keyswitch and is configured in such a way that the alarm can be set even if tamper security has been breached.

There three models to suit various applications:

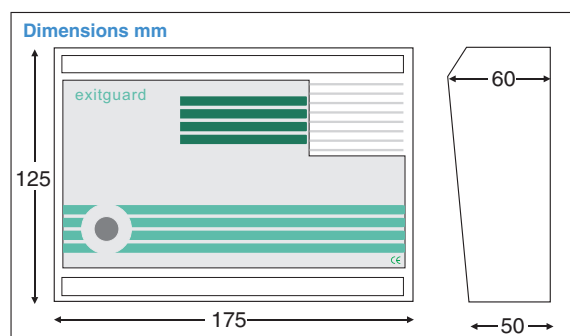
**EX104** is battery powered for use where a separate supply of power is not available and the protected door is opened infrequently. Depending on usage the battery life can be up to 5 years. A battery condition monitor will warn of impending battery failure. The battery is tested each time the EXITGUARD is set and emits a warning bleep if the batteries are below par. The EXITGUARD will continue to function for at least two weeks after a battery fault indication. The EX104 is powered from 6 readily available AA long life Alkaline batteries. (Supplied)

**EX105** is 12vdc powered for use where the protected door may be opened frequently. This version can also be used as part of a system where it is necessary to interface with other equipment such as intruder alarms or access control systems. There is an alarm output relay for connection to remote systems. This version cannot be powered from batteries.

**EX106** is a mains powered version of the EX105 and features all the same functionality. Batteries (6 x AA are included) to provide power in the event of mains failure. The integral power supply will also provide up to 100ma at 12vdc for ancillary equipment such as remote indicators and sounders.

All are supplied with a surface mounting door contact, fixing screws and a door warning label.

- High Power Piezo Sounder
- Battery, Mains and 12 Vdc Versions
- Keyswitch Control
- Auto Reset / Re-arm Delays 0 - 90s
- Optional Door Open Too Long Delay 15s
- Tamper Switch
- Separate Tamper Tone with Manual Reduction
- Selectable Alarm Tones
- Visual Alarm Indication
- Chime Facility
- Alarm Relay Output (12vdc version)
- Extended Battery Life
- Battery Condition Monitor
- Simple Function Change by Internal Jumpers



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Specification	EX104	EX105	EX106
Supply Voltage	9vdc from 6 x AA batteries only	11 - 14vdc	220/240vac
Supply input current	25µA quiescent 80mA max in alarm condition	8mA quiescent 120 max in alarm condition	< 0.5A
Power supply output	Not available	Not available	12vdc @ 100ma
Battery	6 x AA Alkaline (supplied)	None	6 x AA Alkaline (supplied)
Fusing	None	None	1A BS1662 Mains fuse
Visual Indication	1 x red LED flashes if in fault and continuous in alarm condition		
Integral Sounder Level	102 - 104 db at 1 metre dependant on input voltage. Two selectable tones, loud and quiet		
Input	Double pole four wire. Alarm loop and tamper loop.		
MULTIGUARD O/P	Not available	Use alarm output relay	
Tamper	Independent normally closed back & front acting tamper switch all models		
Alarm Relay Contacts	None	SPCO 1A/30vdc volt free for connection to remote devices	
Auto Reset Timer	Adjustable 0 - 90secs (approx). Beyond 90 seconds becomes manual reset		
Safe Set	Pass through if door open when armed. Auto set when door is closed		
Chime	Jumper programmable on installation		
Annoyance Reduction	Alarm reduces automatically after 2 minutes		
Door Open Too Long Timer	Option at 15 secs (fixed) with or without jumper selectable pre-warn bleep		
Enclosures	Custom designed ABS plastic back box with mark resistant decal		
Door Contact	Surface mount magnetic reed contact with 1m 4 core cable.		

## multiguard

The **MULTIGUARD** is a general purpose six zone annunciator. It is ideally suited to monitoring EXITGUARD door alarms and many other emergency alarm devices

To cater for the many different requirements of the emergency alarm market the Multiguard is supplied in a number of different versions.

Possible uses for the Multiguard are Perimeter Protection Systems, Personal Attack Monitoring, Fire Exit Door Monitoring (e.g. EXITGUARDS) and Nurse Call Systems. There are also many other applications in the field of process monitoring such as Deep Freeze Alarms

- 12vdc powered or
- Integral PSU & Battery Option
- Integral Piezo Sounder
- Open or Closed Circuits Inputs
- Global Silence & Reset
- Zone Reset & Isolate versions
- D.P.C.O Global Output Relay
- Lamp Test Option
- Nurse Call Version with Late Attendance & Emergency Re-Call
- Total Flexibility
- Custom Designed Case
- Unique Labelling System

