

# Gallagher Medal 1000 Fence Controller

The Medal 1000 from Gallagher is a single channel fence controller, ideal for light industrial and domestic sites.



Medal systems are widely installed on commercial sites where an active system to effectively detect and actively deter intruders, without nuisance alarms, is required. Medal systems can be integrated with security monitoring equipment, such as sirens, lights, key switches and time relays.

The Medal 1000 from Gallagher is a single channel fence controller which contains such features and benefits as a built-in detector and lightning protector, smart battery management, earth voltage and gate detection.

Programmable relay options, remote arm input, key switch operability, LED indicators and ease of installation make a Medal fence controller a user friendly option for low to medium security sites.

## FENCE DETERRENT

Regulated electrical pulses are sent along the fence wires, which give a short, safe shock on contact.

## FENCE DETECTION

The fence controller can be used to monitor the fence for an attack such as a cut or short. Any such attack will result in the appropriate alarm being generated.

## EARTH VOLTAGE TAMPER DETECTION

Through monitoring the voltage on the earth, the fence controllers detect if the earth system is disabled and will raise the appropriate alarm.

## GATE MONITORING

A low voltage contact can be used for gate monitoring. This allows the energisers to raise the appropriate alarm if a gate is opened.

## SMART BATTERY BACKUP

In the event of AC power failure, the fence controllers will automatically switch over to the smart battery backup and will slow its pulse rate to conserve power. If the battery voltage drops below the minimum threshold, an alarm will activate.

Further benefits include:

- > Internal battery backup and charger with additional external battery option
- > Advanced AC power and fence lightning protection
- > Programmable alarm outputs
- > Simple to install and easy to operate.

## OPTIONAL KEYPAD

The Medal keypad provides the option of alarms management at the keypad. The fence controller can be armed at either the unit or the keypad, with the keypad providing confirmation that the unit is armed, by operating on last request. If the unit goes into alarm, the corresponding LED on the keypad will light up.

# Technical Specifications

GALLAGHER MEDAL 1000 FENCE CONTROLLER

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## FUNCTION

Number of Channels (zones)		One HV fence zone plus HV earth tamper detection
		One LV Gate contact
HV Alarm Detection		3KV, 3 Pulses
Stored Energy		9 Joules
External Arm Input		Connection for remote arm/disarm switch
Gate Input		Connection for Gate contact
Armed Input		Contacts indicate armed / disarmed (Com, N/O)
Programmable Outputs		Contacts (Com, N/O, N/C)
	Output 1:	Selectable as: Any alarm or Gate alarm. Defined as: Timed (5min), Mimic or Latch.
	Output 2:	Selectable as: Any alarm or Fence/Earth alarm. Defined as: Mimic or Latch.

## DISPLAY INDICATIONS

Alarms	HV Fence, HV Earth, LV Gate (Audible indication by internal sounder for 5min)	
General	Armed / Fence pulse indication, AC Power on, Battery supply, Low Battery, Stop mode (For critical battery conditions internal sounder will operate periodically).	

## POWER

Power Supply	90 - 265VAC, 50 - 60 Hz	
Temperature Rating	-10°C to +40°C (14°F to 104°F)	
Aux. DC Output / Input	12 - 14V, 0.5A (current limited)	
Power Consumption	50W	
Backup Battery Period*	Internal 1.2Ah	1 hours
	Internal and external 55Ah	55 hours

## PHYSICAL

Dimensions	H x W x D	320 x 230 x 130 mm (12½ x 9 x 5½")
	Weight	3 kg (6½ lb)

\* Estimated battery backup period. Other external battery sizes can be added if required.

### GALLAGHER WORLD HEADQUARTERS

Kahikatea Drive, Hamilton 3206  
Private Bag 3026, Hamilton 3240  
New Zealand

TEL: +64 7 838 9800  
EMAIL: sales@security.gallagher.co

### REGIONAL OFFICES

New Zealand.....+64 7 838 9800  
Americas.....+1 888 430 0770  
Asia.....+852 2910 7912  
Australia.....+61 2 9412 4477  
India.....+91 80 2661 1590  
Middle East.....+9615 808728  
South Africa.....+27 11 974 4740  
United Kingdom / Europe.....+44 2476 64 1234

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