Gallagher
Security Fence Keypad

The Gallagher Security Fence Keypad enables authorized users to manage and monitor alarm zones, fence zones, and inputs on site.

Key features and benefits

- A keypad for PIN entry and arming and disarming alarm zones
- Real-time information of fence zones voltages and the status of alarm zones and inputs
- One step log-off key for quick and simple exit
- A graphical LCD capable of displaying messages and prompts
- Context sensitive function keys enabling the user to perform actions they have privileges to

On-site keypad functions

- View outstanding alarms information in priority or chronological order
- Acknowledge alarms and remove from the alarms list
- View the current status of fence zones, inputs and alarm zones
- View fence voltage for each fence zone
- View earth and battery voltage for the associated Gallagher security fence controller
- Switch on/off a selected fence zone
- Shunt/un-shunt an input or fence zone
- View the system summary (state of all fence zones, alarm zones, inputs)

User Privileges

Gallagher Security Fence Keypad functionalities can be separately privileged to specific users, to ensure maximum security at all times. Users can only view information and perform actions they have authorization for. These are determined by their cardholder privileges, which are defined in Gallagher Command Centre.

PIN support for a Gallagher Reader

The keypad may be configured as a PIN pad to support 'reader plus PIN' functionality where it is desirable to encrypt the transmission of the PIN number. When configured for this function, some of the functionality such as the exit delay continuous monitoring is unavailable.

Entry and Exit Delays for Access Control

If configured, an exit delay will commence when the alarm zone is armed. During an exit delay there is continuous monitoring of the alarm zone and its associated fence zones and inputs. Audible feedback can also be configured for the exit delay. If a fault is detected during the exit delay, the keypad will highlight this in the user interface, and through audible feedback (where configured). Additional outputs can also be used to reflect the detection of a fault at the end of the exit delay.

When the user passes through the perimeter to disarm the alarm zone, an entry delay will be triggered as configured. During an entry delay the keypad continuously displays the time remaining before an alarm is raised. Audible feedback can also be configured for entry delays.

Duress Log-on

Log-on under duress to the Gallagher Security Fence Keypad is recognized. An alarm is reported should a user be forced to log-on to the keypad.

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Technical Specifications

GALLAGHER SECURITY FENCE KEYPAD		MARCH 2013
Power Supply	Voltage	13.6 V DC ± 15%
	Current	110 mA with LCD & backlighting at 100%
Communications	Between Gallagher Controller GBUS port and Gallagher Security Fence Keypad	RS485 at 38.4 Kbits per second
	Wiring format - data	2 wire (using Cat5e)
	Wiring format - power	2 wire (gauge selected to suit distance)
	Encryption level	40 bit AES
	Maximum number of keypads per GBUS port	4
	Maximum number of fence zones per keypad*	50
	Maximum number of alarm zones per keypad*	30
	Maximum number of inputs per keypad*	100
	Located on any Gallagher controller residing on the same Command Centre system. System configuration, network capacities and the volume of system activity affect performance. Please contact Gallagher for advice.	
Cable Length	Gallagher Fence Keypad to Gallagher Access Controller	1200m (3937ft) max
Connector	2x RJ12 (allowing loop-through to additional terminals)	
User Interface	Display	Back-lit graphical LCD
	Keypad	Back-lit keys with soft key function
Language Supported		English
Temperature Range		-10°c to +40°c (14°F - 104° F)
Dimensions	Height	175 mm (6.88in)
	Width	103 mm (4.05in)
	Depth	35 mm (1.37in)
	Shipping Weight (Excluding battery)	500 g (17.63oz)
Environmental Protection Rating		IP20
Compliance Standards	Compliance with other international standards will be proven as required. Please contact Gallagher for the latest list of approvals. All Gallagher perimeter products must be installed in accordance with the installation instructions to comply with international standards.	

PART NUMBERS			
G29401	Medal Keypad	G21700	Trophy 6 Keypad
G21702	Gallagher Security Fence Keypad		

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