

Gallagher Trophy FT Keypad

The Gallagher Trophy FT Keypad enables authorized users to manage and monitor Alarm Zones, Fence Zones and Inputs onsite for effective alarms management in the Gallagher security system.



GALLAGHER TROPHY FT KEYPAD

The Gallagher Trophy FT Keypad is a GBUS device in the Gallagher security system to provide alarms management ability at the Keypad. It enables authorized users to manage and monitor alarm zones, fence zones and inputs onsite for effective alarms management.

CONVENIENT AND SECURE USER LOGON/LOG-OFF

There are two alternative methods for logging onto a Gallagher Trophy FT Keypad:

- > If a Gallagher card reader is associated with the Keypad, authentication is provided by the cardholder badging their card, or badging their card and entering their PIN number
- > If there is no associated Gallagher reader, the user enters a user code of up to 8 digits specifically set up for accessing the information and options available through the Keypad.

AUTO-LOGOFF

The Gallagher Trophy FT Keypad can be configured to automatically log off after a time period of inactivity. Users can also log-off quickly by pressing \emptyset key on the Keypad.

DURESS LOGON

Logon under duress to a Trophy FT Keypad is recognized. An alarm is reported should a user be forced to logon to the Keypad.

USER PRIVILEGES

The Trophy FT Keypad functionality can be separately privileged to specific users ensuring maximum security is maintained at all times. Users can only view information and perform actions which they are privileged to view and perform. These are determined by their cardholder privileges which are defined in Gallagher Command Centre.

USER FRIENDLY INTERFACE

The Trophy FT Keypad includes a back-lit, graphical LCD and a back-lit Keypad. The LCD screen features the system title, five lines of text and menu options, visible over a wide viewing angle. The LCD screen displays prompts, time and date, and feedback messages in 'plain English' for ease of use. The Keypad also features context sensitive function keys.

ARMING AND DISARMING ZONES

Alarm zones can be armed (set) and disarmed (unset) individually or all at once depending on user privileges through the Trophy FT Keypad. During the process to

arm an alarm zone, the user is presented with a list of inputs and fence zones in that alarm zone that will generate alarms if the alarm zone is armed. The user has the following options:

- > Auto isolate the alarm zone – Any inputs open at the time of arming will not generate alarms while the alarm zone is armed
- > Force arm the alarm zone – When the alarm zone is armed, any points in alarm state are reported as alarms
- > Arm Fail – If any points are in alarm state at the time of arming, the alarm zone will fail to arm.

ENTRY AND EXIT DELAYS FOR ACCESS CONTROL

When the alarm zone is armed an exit delay, if configured, will commence. During exit delays 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 Trophy FT Keypad will highlight this in the user interface and through audible feedback where this has been 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, if configured, will be triggered. During entry delays, the Trophy FT Keypad continuously displays the time remaining before an alarm is raised. Audible feedback can also be configured for entry delays.

VIEWING AND ACKNOWLEDGING ALARMS

Users can view an outstanding alarm list, sorted in order of priority, then in chronological order. Alarm details are displayed on the LCD screen and include the date, cause and location of the alarms. A user acknowledges an alarm by pressing the 'ACK' key. When an alarm has been acknowledged it is immediately removed from the list of alarms.

The Trophy FT Keypad may be configured to sound a warning beep when alarms are in the system.

VIEWING FENCE ZONES AND INPUTS

The information displayed on the Gallagher Trophy FT Keypad is updated dynamically. Authorized users can view the current status of fence zones, inputs and alarm zones. For each fence zone, the Trophy FT Keypad can display:

- > Fence voltage
- > Earth and battery voltage for the associated Trophy FT Fence Controller.

OVERRIDING THE FENCE ZONE

Authorized users can use the Trophy FT Keypad to:

- > Switch on/off a selected fence zone, or
- > Shunt or un-shunt an input or fence zone.

The override will continue in effect until cancelled or a new override is implemented.

VIEWING THE SYSTEM SUMMARY

The 'System Summary' screen provides a summary of the state of all fence zones, alarm zones and inputs that a user has access to. The system summary includes:

- > Total number of outstanding alarms
- > Number of alarm zones in security state (i.e. armed)
- > Number of inputs not shunted/not isolated

- > Number of fence zones and Inputs shunted/isolated
- > Current date and time

CONNECTIVITY AND COMMUNICATION

The Trophy FT Keypad connects to the controller GBUS port which communicates via asynchronous RS485. A total combination of up to 4 Trophy FT Keypads and remote arming terminals can be connected to each GBUS port.

Each Trophy FT Keypad can control up to 50 fence zones, 30 alarm zones and up to 100 inputs located on any Gallagher Controller residing on the same local area network (10BaseT).

DATA SECURITY

The Trophy FT Keypad communications are encrypted to protect data transmitted between the Keypad and the Gallagher Controller using 40 bit AES encryption.

PIN SUPPORT FOR A GALLAGHER READER

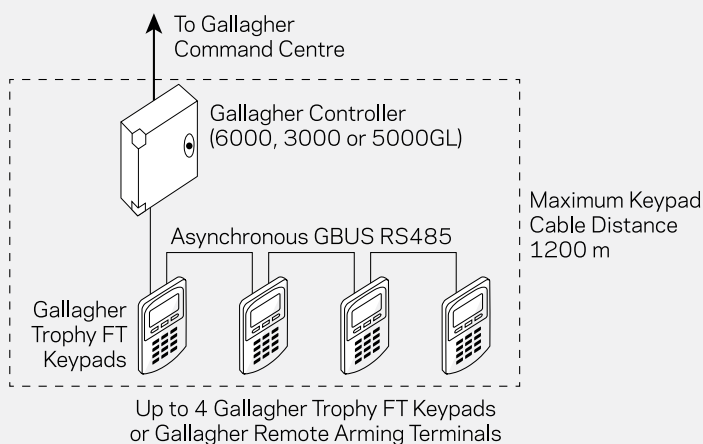
The Trophy FT Keypad may be configured as a PIN pad to support 'reader plus PIN' functionality where it is desirable to encrypt the transmission of the PIN number. When configured for this function, some of the functionality such as the exit delay 'continuous monitoring' will not be available.

INSTALLATION

Installation of the Trophy FT Keypad is recommended in internal environments.

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CONNECTIVITY DIAGRAM Gallagher Trophy FT Controller connecting to a Gallagher Access Controller



System configuration, network capacities and the volume of the system activity affect performance. Please contact us for advice.

KEY FEATURES OF THE GALLAGHER TROPHY FT KEYPAD



- > A key pad for PIN entry and arming and disarming alarm zones
- > Real-time information on fence zones voltages and the status of alarm zones and inputs
- > One step logoff 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 which they are privileged to perform.

GALLAGHER TROPHY FT KEYPAD



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Technical Specifications

GALLAGHER TROPHY FT KEYPAD		JUNE 2011
Power Supply	Voltage	13.6 VDC ± 15%
	Current	110 mA with LCD & backlighting at 100%
Communications	Between Gallagher Controller GBUS port and Gallagher Trophy FT Fence Controller	RS485 at 38.4 Kbits per second
	Wiring format - data	2 wire using (Cat5)
	Wiring format - power	2 wire (gauge selected to suit distance)
	Encryption level	40 bit AES
Cable Specifications	Trophy FT Keypad to Gallagher Access Controller	1200 m (3937 ft) 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° to +40° C (14° - 104° F)
Dimensions	Height	175 mm (6 ⁷ / ₈ "
	Width	103 mm (4")
	Depth	35 mm (1 ³ / ₈ "
	Shipping Weight (Excluding battery)	500 g (1.1 lb)
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 Trophy FT products must be installed in accordance with the Installation instructions to comply with international standards.	
		  ACN 002132943

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