Gallagher
Remote Arming
Terminal

The Gallagher Remote Arming Terminal is a versatile, user-friendly, keypad interface designed to meet the requirements of high security alarms management in the Gallagher security system (formerly Cardax FT).

The Gallagher Remote Arming Terminal provides alarms management ability at the keypad. It allows users to monitor, arm (set) and disarm (unset) alarm zones, including perimeter fence zones, onsite for effective alarms management.

CONVENIENT AND SECURE USER LOGON/LOG-OFF

There are two alternative methods for logging onto a Gallagher Remote Arming Terminal:

> User code logon (upto 8 digits)
> PIN and/or card logon (with associated card reader)

DURESS LOGON

Logon under duress to a Gallagher Remote Arming Terminal is recognised. An alarm is reported should a user be forced to logon to a terminal.

USER PRIVILEGE

Users can only view information and perform actions which they are privileged to view and perform, and can be limited to certain times of the day/week.

USER FRIENDLY INTERFACE

The Gallagher Remote Arming Terminal includes a back-lit, graphical LCD and a back-lit keypad. The LCD screen features five lines of text, and one line of menu items, visible over a wide viewing angle.

The LCD screen displays prompts, time and date, and feedback, such as cardholder competency messages, in 'plain English' for ease of use. The Gallagher Remote Arming Terminal also features context sensitive function keys.

ARMING AND DISARMING ZONES

Zones can be armed and disarmed individually or all at once depending on user privileges, with corresponding entry or exit delays displayed on the terminal.

ARMING

Zones can be armed in three different ways:

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

> Arm – If any points are in alarm state at the time of arming, the alarm zone will fail to arm.

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 Gallagher Remote Arming Terminal may be configured to sound a warning beep when alarms are in the system.

VIEWING ALARM ZONES AND INPUTS

Users can view the current status of alarm zones. Users can also view the status of inputs and 'shunt' (bypass) inputs according to their privilege settings.

VIEWING THE SYSTEM SUMMARY

The 'System Summary' screen provides a summary of the state of all the Alarm Zones 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 inputs shunted/isolated
> Current date and time based on regional formats

CONNECTIVITY AND COMMUNICATION

Up to 4 Gallagher Remote Arming Terminals or Gallagher Trophy FT Keypads can be connected to each GBUS port.

Each Gallagher Remote Arming Terminal can control up to 30 Alarm Zones (Areas) and up to 100 Inputs located on any Gallagher Controller.

The Gallagher Remote Arming Terminal can control Alarm Zones and inputs on all Controllers residing on the same Local Area Network (10BaseT).

The Gallagher Remote Arming Terminal connects to the Gallagher Controller 6000, 3000 or 5000GL via asynchronous RS485.

Communications speed is 38,400 bits per second. The maximum length of data cable from the Gallagher Controller to the last attached Gallagher Remote Arming Terminal is 1200m.

PIN SUPPORT FOR A READER

The Gallagher Remote Arming Terminal may be configured as a PIN pad to support reader plus pin functionality where it is desirable to encrypt the transmission of the PIN.
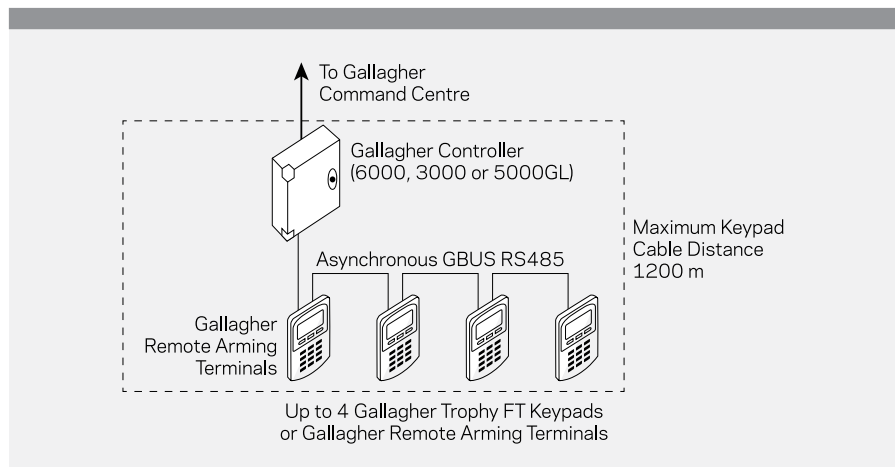
HOUSING COLOUR CHOICE

To suit a wide range of installation environments the housing is available in Cool Grey or Charcoal.

INPUT TESTING

Individual or groups of inputs can be tested from the Gallagher Remote Arming Terminal. These tests can be manually triggered, or scheduled as a routine test during operator logon.
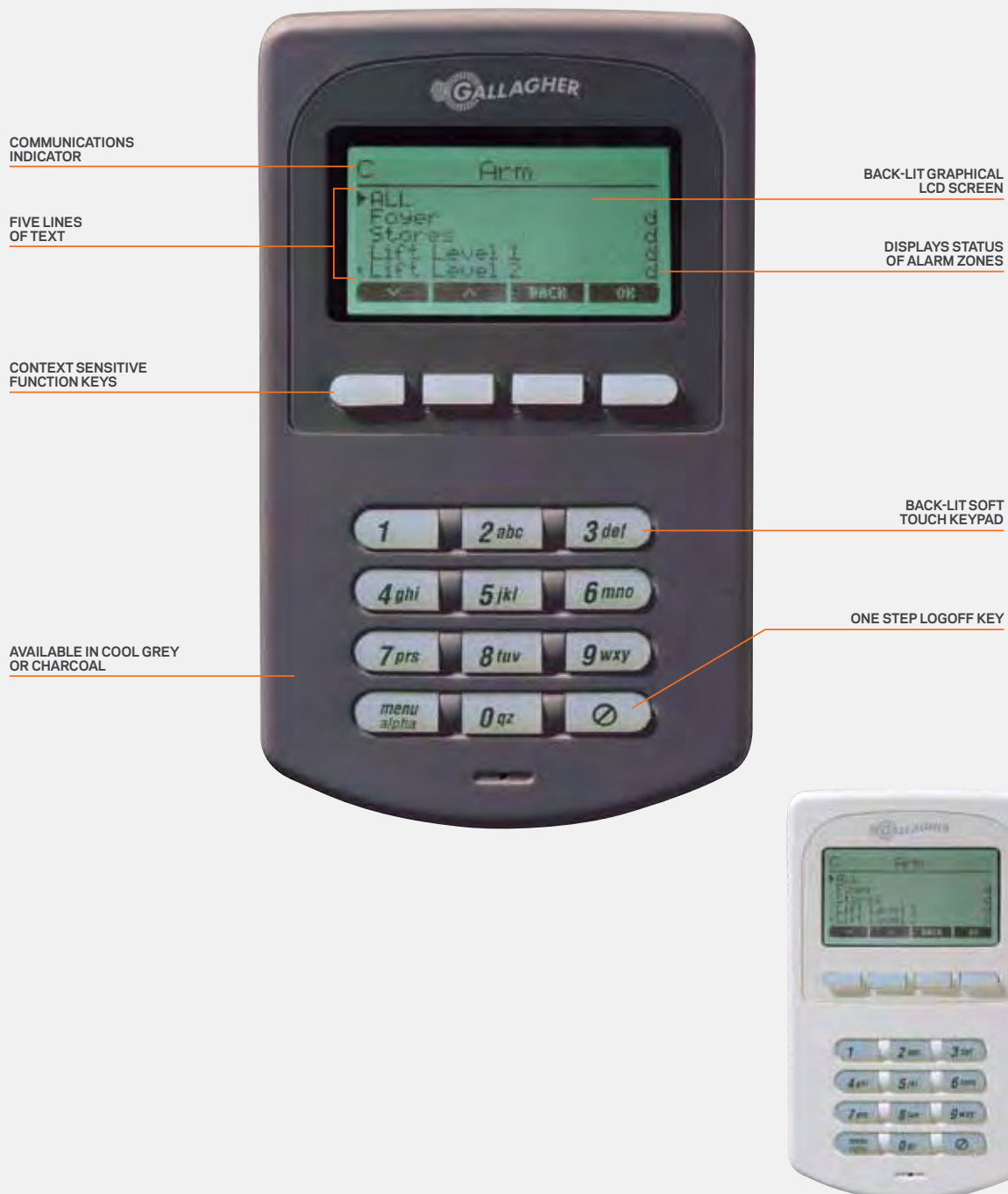
CONNECTIVITY DIAGRAM

To Gallagher Command Centre

Gallagher Controller (6000, 3000 or 5000GL)

Maximum Keypad Cable Distance 1200 m

Asynchronous GBUS RS485

Gallagher Remote Arming Terminals

Up to 4 Gallagher Trophy FT Keypads or Gallagher Remote Arming Terminals

KEY FEATURES OF THE GALLAGHER REMOTE ARMING TERMINAL

> 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
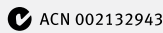> Context sensitive function keys enabling the user to perform actions which they are privileged to perform.

GALLAGHER REMOTE ARMING TERMINAL

COMMUNICATIONS INDICATOR

FIVE LINES OF TEXT

CONTEXT SENSITIVE FUNCTION KEYS

AVAILABLE IN COOL GREY OR CHARCOAL

BACK-LIT GRAPHICAL LCD SCREEN

DISPLAYS STATUS OF ALARM ZONES

BACK-LIT SOFT TOUCH KEYPAD

ONE STEP LOGOFF KEY

Technical Specifications

Power Supply	Voltage	13.6 V DC ± 15%
	Current	110 mA with LCD & backlighting at 100%
Communications	Between Gallagher Controller (6000, 3000 or 5000GL) GBUS port and Gallagher Remote Arming Terminal	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	Remote Arming Terminal to Gallagher Controller (6000, 3000 or 5000GL)	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		-10º to +40º C (14º - 104º F)
Dimensions	Height	175 mm (6⅞″)
	Width	103 mm (4″)
	Depth	35 mm (1⅜″)
	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 products must be installed in accordance with the Installation instructions to comply with international standards.	CE ACN 002132943 SECURITY c(UL)us LISTED c(UL) Type G 14RM

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