

# Gallagher Trophy 6 System

Gallagher's Trophy 6 System is a standalone perimeter security system which can be configured to control and monitor up to six electric fence zones

The Gallagher Trophy 6 System includes one or two 3-channel Trophy Plus Fence Controllers and a Security Fence Keypad.

## Key Features and Benefits:

- Effectively detects and deters intruders with minimum nuisance alarms
- Up to six fence outputs monitor a separate zones of the fence, making identification of security breach area swift
- Regulated electrical pulses are monitored in each zone to activate alarm if intruders persist in climbing, cutting or tampering with the fence
- One disabled zone of the fence does not affect the performance of remaining zones
- Fence zones can be selected to be excluded from the active system, to allow for partial arming of the site
- Dedicated intelligent keypad designed for ease of use
- Fence zone voltage, earth, and back-up battery levels are viewable on the keypad
- The keypad provides a clear indication on the system's performance and assists in early diagnosis of any faults
- Back-up battery system will automatically activate in the event of mains power failure, generating alarms and intelligently managing remaining battery life

## Pulse Synchronization

Pulse synchronization enables the Gallagher perimeter fence to be integrated with other fences in close proximity. This ensures that the system operates within standards for pulse frequency through synchronizing pulses with adjoining fences.



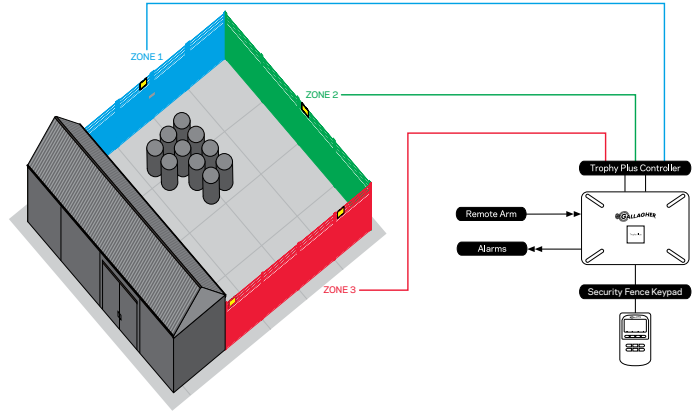
## Optional Accessories

Gallagher Fence Integrity Monitor is a 3-zone circuit monitor that can operate on the Trophy 6 System. It enables the Gallagher security fence to detect attacks and damage without the deterrent electrical pulse.

## Applications

The Trophy 6 System can be configured to suit a wide range of sites:

- Commercial sites
- Distribution warehousing
- External storage areas
- Housing complexes
- Telecommunication towers
- Electrical substations
- Pump stations



**TROPHY 6 SYSTEM** **JANUARY 2013**

<b>FUNCTION</b>	
Number of zones (channels)	3x or 6x HV fence zones plus HV earth monitor 2x or 4x inputs (configurable as BAI**)
Max HV circuit resistance	300 Ohms***
Energizer	15 J stored at 100% power level 2.8 J output per zone irrespective of other zone loading
Inputs*	2x or 4x Programmable (BAI**, 24hr, ALL arm, Individual arm)
Outputs*	6x or 12x Programmable (ALL arm, General alarm, HV alarm, BAI alarm, Individual arm, Sealed) Timed, latched or mimic clean contact relays (10A 24V)
Other	Optical tamper detection
<b>USER INTERFACE</b>	
Keypad	Intelligent LCD graphic, back-lit display/keys with soft key function
Network cable distance	Up to 300m (1,000ft)
Encryption	56 bit (equivalent to DES 56 bit keys)
<b>POWER (Per Network or Fence Controller)</b>	
Power Supply	90 -265VAC 50-60 Hz
Temperature Rating	-10 to +40°C (14 to 104°F)
Aux. DC Output	12-15V 1A (re-settable fuse)
Power Consumption	40W
System Backup Period	8 hours (typical)
<b>PHYSICAL</b>	
Dimensions (per fence controller)	Height: 342mm (13 1/2")      Depth: 120mm (4 3/4") Width: 460mm (18")          Weight: 8.2kg (18lb) including battery
Order Numbers	3 Channel System    G21300 6 Channel System    G21300 & G21301



\* The control or indication of each device is limited to its parent fence controller. \*\* Balanced Alarm Input. \*\*\* While the energy of this unit will allow this length, the classification of risk, the number of elevations in the fence and terrain must dictate the length of a zone for security evaluation. System configuration, network capacities and the volume of system activity affect performance. Please contact Gallagher for advice.

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