

TS0804 16 Area Keypad (Legacy Product)

2-line, LCD Remote Arming Station



Overview

The TS0804 Arming station is one of the most widely recognised keypads in Australia and New Zealand. It is easy to install and has been the face of the Challenger system for over 20 years.

With the introduction of the CA111x series keypad, the TS0804 has been superseded but is still fully supported and available for purchase. It is typically used as a replacement unit for Challenger sites that require matching look/style keypads.

The TS0804 has a strong metal case & hardy buttons, making it suitable where user traffic is high. Two lines of text are displayed on a clearly readable backlit LCD screen. Custom text can be programmed to display on the LCD when no button activity is detected.

The size allows important system information to be displayed, including status indicator LED's for all 16 areas. A constantly lit LED represents an armed area, no light indicates a disarmed area, & flashing indicates an area in alarm. There are also 4 'System Fault' & 4 'System Alarm' LED's. A flashing 'System Fault' indicates a fault with communication, RAS's, DGP's, & batteries. A flashing 'System Alarm' LED indicates access, 24hour, secure & tamper alarms.

Features

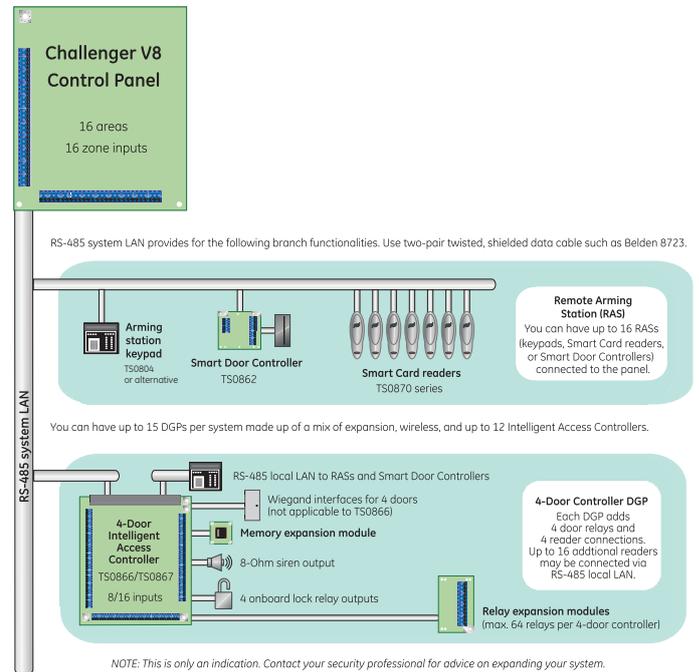
- Suits existing Challenger sites requiring matching keypad replacement
- Easy to read LCD
- Can display custom message when idle such as company name or emergency phone number
- The 16 area LEDs indicate the status of corresponding areas.
- Additional status indicators for system alarms and system fault types.
- Easy mounting

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National Sales Enquiries
10 Ferntree Place
Notting Hill, Victoria 3168
Phone: 1300 361 479
Outside Australia: +61 3 9239 1200
www.firesecurityproducts.com.au

System Block Diagram



Specifications

System capacity and operations

Total number of arming stations (keypads) per system	16 per Control Panel 16 per Intelligent Access Controller
Maximum LAN cabling distance from panel	1,500m (may be extended with LAN isolation interfaces)
LAN monitoring	Continuous monitoring for offline conditions
LAN addressing	by DIP switches
Inputs	Egress Button - Active Low (short to OV)
Outputs	Open collector 50mA max current

Display

Liquid crystal display	2 Lines of 40 characters
Backlit display and keys	Yes
LED indicators	16 area LEDs 4 'System Faults' – COMMS, RAS, DGP BATTERY 4 'System Alarms' – ACCESS, 24HR, SECURE, TAMPER

Electrical

Power supply	10.5 – 13.8 Volts DC
Operating current	225mA maximum

Physical and Environmental

Operating temperature	0 to 50°C
Dimensions with cover (W x H x D)	200 x 135 x 20 mm
Colour	Black with metallic beige trim

Regulatory Compliance

ACMA C-Tick for Australia and New Zealand

Ordering information

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Specifications subject to change without notice.
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