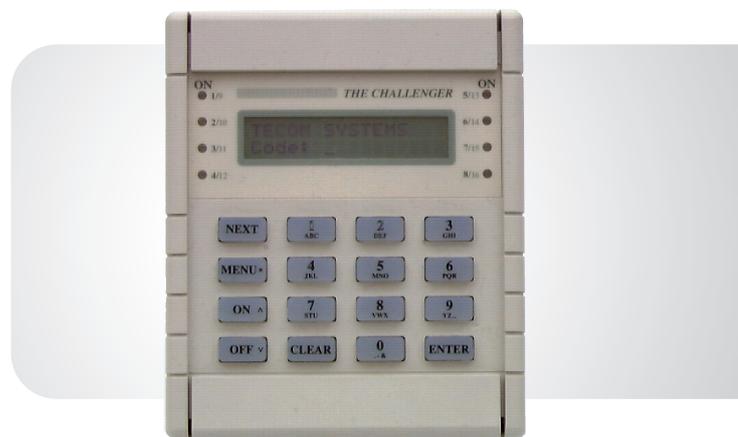


# TS0801

## 8 Area Keypad (Legacy Product)

2-line, LCD Remote Arming Station



### Overview

The TS0801 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 nearly 15 years. Now with the introduction of the new CA111x series keypad, the TS0801 has been superseded but is still fully supported and available for purchase.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 TS0801 Remote Arming Station has a clearly readable English text LCD for displaying system programming, alarm and access control functions. It can be mounted at a distance of 1.5km from the Challenger Panel or Access Controllers. The face of the Arming Station displays 8 programmable area status indicator LED's, while the LCD details alarms or preprogrammed scrolling text.

Area numbers, displayed on the front, have corresponding status indicator LED's. A LED flashes when an area is in alarm, is off when the area is disarmed, and is constantly lit when an area is armed. Dip switches on the Arming Station determine whether the area LED's represent the first 8 areas in a total of 16 or the second 8, depending on client requirements & the location of the Arming Station.

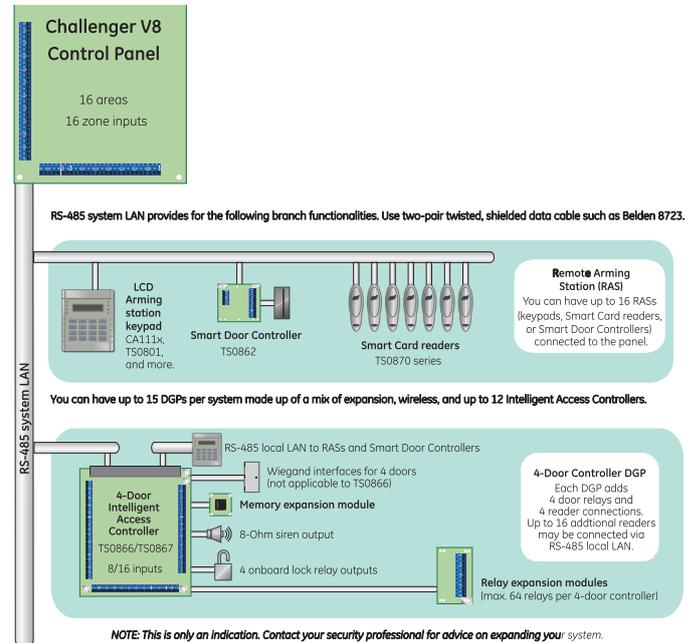
### Features

- 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
- Backlit keys and LCD
- The 8 area LEDs indicate the status of corresponding areas. On indicates that the area is armed, off is disarmed, and the LED flashes to indicate fault or alarm conditions.
- Easy mounting

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## 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 16 characters
Backlit display and keys	Yes
LED indicators	8 area LEDs

### Electrical

Power supply	10.5 – 13.8 Volts DC
Operating current	110mA maximum

### Physical and Environmental

Operating temperature	0 to 50°C
Dimensions with cover (W x H x D)	105 x 130 x 27 mm
Colour	Beige

### Regulatory Compliance

	ACMA C-Tick for Australia and New Zealand
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## Ordering information

TS0801	8 Area, 2 Line Remote Arming Station (Legacy Product)
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Specifications subject to change without notice.  
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TS0801-DS-210429-7