## ST5000 5 Zone LED Security Panel

Features: Compact Design With On Board Keypad, 4 + 3 Fully Programmable Zones using 3 zone, Expansion board (LY69-017-75), 1 Dedicated Tamper Zone, Momentary Remote Key Switch Option, Memory Recall Last 50 Activations, Audible Walk Test On All Zones, Full Guard Part Guard Arming, Optional LCD Remote Keypad, Optional Sleep Watch /Panic Remote Keypad, Grade I, Residential, Commercial, Industrial.

# Product Specification

## General Specifications

| | |
|---|---|
| **Zones** | 4 + 3 programmable zones, positive loop, with zone expansion board; 1 Dedicated tamper zone, negative loop |
| **Arming/ Disarming** | Through on board keypad, Through remote LCD Keypad, Momentary remote key switch option, Sleep watch remote keypad with panic |
| **On Board Display** | Light Emitting Diodes |
| **Automatic Reset** | On all zones with auto isolate on faulted zones |
| **Alarm Memory** | 50 events through LED display also remote LCD keypad if connected |
| **Walk Test** | Visual & audible on all zones |
| **Protection Class** | EN50131-2-1: Grade I |

## Programmable Timer

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| Full guard entry/exit delay 1-255 seconds |
| Part guard exit delay 1-255 seconds |
| Siren duration 1-99 minutes |
| Service timer, 6 weeks, 6 months, 12 months, 100, 200, 800 events |

## European Standards

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|---|
| Conforms to European law (EU) Low Voltage Directives LVD 73/23/EEC (amended 93/68/EEC) and Electro-magnetic Compatibility (EMC) 89/336/EEC (Amended by 92/31/EEC and 93/68EEC) RoHS |

## Programme Functions

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|---|
| Full guard & part guard 4 + 3 fully |
| Programmable zones |
| Timed entry/exit, walk through, instant personal alarm, tamper, fire, secure final set, double knock, sleep watch disable/Isolate |
| Codes 6 user, 1 engineer |
| Quick set facility |
| Special switch positive |
| Exit strobe flashes |
| Engineer reset |
| Engineer code burn in |
| Push button final set |
| Service timer |
| Sleep watch part guard arming |
| Installer message displayed on LCD |
| Zone location names on LCD |

## Environmental Specifications

| | |
|---|---|
| **Operating Temperature** | -10ºC - + 50ºC |
| **Storage temperature** | -20ºC - + 60ºC |
| **Maximum humidity** | 95% non-condensing |
| **EMC environment** | Residential/Commercial |

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**www.lynteck.co.uk** Tel: **01282 717 490** Fax: **01282 698 020**  Technical Support (Mon-Fri 9am-5pm): **0906 711 2329** (calls charged at 50p per minute)
Company policy is one of continuous improvement, we reserve the right to change specification without prior notice

## Technical Specification

### Power Supply

| | |
|---|---|
| **Primary mains supply** | 230Vac |
| **Secondary input voltage** | 18.1Vac |
| **Maximum current rating** | 1.0Ampere |
| **Rechargeable backup battery** | 12Vdc |
| **Sealed Lead Acid** | 1.3-7.0Ah |

### Electrical Specifications

| | |
|---|---|
| **Quiescent current** | 25mA |
| **Alarm Current** | 150mA |
| **Auxiliary voltage output** | 13.5Vdc |
| **Switched positive voltage** | When low: 1.0Vdc, When high 12Vdc |
| **Bell voltage output** | 12Vdc |
| **Speaker voltage output** | 12Vdc |
| **Internal sounder** | 0.25 watts 32 ohms |
| **Positive loop threshold (zones1-7/tamper)** | Minimum open resistance: 70K, Maximum closed resistance: 10K |
| **Negative loop threshold (system tamper)** | Minimum open resistance: 110K, Maximum closed resistance: 20K |

### SL6600 LCD Remote Keypad

| | |
|---|---|
| **Operating Voltage** | 12Vdc |
| **LED light off** | 16.7mA |
| **Wiring** | 4 core multi stranded 7 X 0.20m² |
| **Dimensions** | 135 X 80 X 30mm |
| **Weight** | 200g |

### K6600 LCD Remote Keypad

| | |
|---|---|
| **Display** | 16 X 2 backlit LCD |
| **Operating Voltage** | 12Vdc |
| **LCD light off** | 16.7mA |
| **LCD light on** | 90mA |
| **In alarm** | 70mA |
| **Wiring** | 6 core multi stranded 7 X 0.20m² |
| **Dimensions** | 135 X 108 X 80 X 30mm |
| **Weight** | 200g |

### Physical Specifications

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|---|---|
| **Dimensions** | 230mm X 160mm X 80mm |
| **Housing material** | Inflammable 94VO high impact ABS |
| **Weight** | 1.30kgs |

### Order Code

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|---|
| **LY69-010-68** |