

## LS5000 Wireless Alarm Kit

The LS5000 is an advanced radio security alarm system which is both easy to install and operate. The alarm control panel can be installed as a wireless unit, a wired or two wired panel or mixed of all three. The system gives the installation scope for expansion and flexibility.



## Product Specification

### Alarm System Kit Contents

- 1 X LS5000 alarm control panel
- 1 X Two-wire PIR
- 1 X Wireless PIR
- 1 X Wireless magnetic contact
- 1 X Wireless key fob
- 1 X LS5000 user & installation manuals
- Screws & wall plugs

### LS500S Alarm Control Panel Specifications

- 16 Wireless Sensors
- 4 Two Wired Sensors
- 4 Six Wired Sensors

### Arming/Disarming

- On board keypad
- Wireless key fob

### European Standards

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)

### Walk Test

- Visual on all zones

### Engineer Programmable Functions

- Select walk-through zones
- Select entry/exit zones
- Full alarm for tamper in standby mode
- Remote dis requires entry timer
- Enable/disable secondary pin code
- Engineer only reset

### Panel LED Indicators

- Mains, interference, fault, low battery, tamper,

### Wired Terminal Connections

- 4 X 6 Wire zones
- 4 X 2 Wire zones
- 1 x Tamper
- 1 x External strobe/siren
- 1 x AC in
- 1 X 50 meters flat twin core wire
- 1 X External mains adaptor
- 1 x Battery backup
- 1 x Aux

### Order Number

LY52-020-41

**Product Specification**
**Electrical Specification**

<b>Current consumption</b>	Quiescent: 240mA, In alarm: 420mA
<b>Auxiliary voltage output</b>	12Vdc
<b>Siren/strobe</b>	12Vdc
<b>Battery charge voltage</b>	13.8Vdc
<b>Fuses</b>	Strobe, bell, aux, AC
<b>Radio system</b>	433Mhz super heterodyne type narrow band receiver

**User Programmable Functions**

Wireless detector
Delete a wireless detector
Entry/exit time: 10-60 seconds
Siren duration: 1-20 minutes
Siren test
Strobe test
Chime zone
New user pin code
New secondary pin code
Recall alarm events maximum 10 events

**Infrared Key Fob**

<b>Wireless transmitter 3 button operation</b>	Arm, part arm and off, two button press panic
<b>Maximum number per system</b>	4
<b>Transmission range</b>	110 meters open area
<b>Battery</b>	1 X 12V 27A alkaline battery
<b>Battery life</b>	Approximately 3 years
<b>Plastic housing</b>	ABS

**Environmental Specification**

<b>Operating Temperature</b>	-0°C - + 40°C
<b>Storage temperature</b>	-20°C - + 60°C
<b>Maximum humidity</b>	95% non-condensing

**Power Supply Adaptor Specification**

<b>Primary mains supply</b>	230Vac, 50Hz
<b>Secondary</b>	16Vac
<b>Mains Fuse</b>	3 amp 250V
<b>Battery back up</b>	1.3 - 2.2Ah 12vdc sealed lead acid battery

**Physical Specification**

<b>Dimensions</b>	214mm X 286mm X 50mm
<b>Housing</b>	Polycarbonate

**Two Wire PIR Specification**

<b>Sensor</b>	Dual element pyro
<b>Digital pulse</b>	1, 2 & 4 jumper selectable
<b>LED</b>	Enabled via jumper
<b>Adjustable lens</b>	Either wide angle or long range
<b>Alarm period</b>	2-3 seconds
<b>Mounting height</b>	2m – 2.5m
<b>Operating temperature</b>	-0 to + 40°C
<b>Angle</b>	105° X 110°
<b>Distance</b>	15 meters
<b>Zone Number</b>	64
<b>Plastic housing material</b>	ABS
<b>Dimensions</b>	100mm X 65mm X 45mm
<b>Weight</b>	100g

**Product Specification****Wireless PIR Specification**

<b>Sensor</b>	Dual element pyro
<b>LED</b>	Enabled via jumper
<b>Adjustable lens</b>	Wide angle
<b>Mounting height</b>	2m – 2.5m
<b>Operating</b>	-0 to + 40°C
<b>Angle</b>	105° X 110°
<b>Distance</b>	12 meters
<b>Transmitting</b>	110 meters open area
<b>Batteries</b>	2 X 1.5V AA alkaline batteries
<b>Battery life</b>	approximately 2 years
<b>Plastic housing material</b>	ABS
<b>Dimensions</b>	100mm X 65mm X 45mm
<b>Weight</b>	100g

**Wireless Magnetic Door/Window Contact**

<b>Maximum gap distance</b>	10mm
<b>Transmission</b>	110 meters open area
<b>Battery</b>	2 X 1.5V AAA alkaline batteries
<b>Battery life</b>	Approximately 3 years
<b>Plastic housing</b>	ABS