

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 can control up to 24 detectors, 16 of which can be wireless, 4 traditional detectors (6 wire PIR or door/window contacts) and 4 two wire detectors (2 wire PIR).

Every component contains a tamper detection device. If any attempt is made to interfere with any part of the installation, an alarm will sound immediately even if the system is not armed.

The system incorporates sophisticated anti-jamming protection for added protection.



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

Physical Specification

Dimensions	214mm X 286mm X 50mm
Housing material	Polycarbonate

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) RoHS

Walk Test

Visual on all zones

Arming/Disarming

On board keypad
Wireless key fob

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

Environmental Specification

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

Order Number

LY52-021-38

Product Specification
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

Electrical Specification

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

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

Power Supply Adaptor Specification

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