

LS800S Kit

The LS800S is an advanced security system which is both easy to install and operate. This “user friendly” system incorporates our patented Two-Wire technology and latest infrared design to ensure no false alarms through incorrect operation or installation.



Product Specification

General Specifications

Control Panel Specifications	8 pre-programmed zones
Arming/Disarming	Using remote infrared key fob, maximum 8 per
Pre-programmed Zone Types	Instant, delay, delay follower, omitted
Programmable Functions	Adding additional infrared remote key fobs.
Walk Test	Zones 1-8, tamper, PA, mains power, battery in use, day/off, part arm,
Panel LED Indicators	Instant, delay, delay follower, omitted

Environmental Specification

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

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)

Power Supply Adaptor

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

Programmable & Fixed Timers

Entry delay	15 or 30 seconds
Exit delay	30 seconds
Siren duration	20 minutes

Power Supply Adaptor

Primary mains adaptor voltage rating	230Vac, 50Hz, 10Watt
Secondary	15Vac, 900mA
Battery back up	8 X 1.5V, size AA alkaline batteries.

Physical Specification

Dimensions	285mm X 210mm X 60mm
Housing material	ABS

Order Number

LY52-035-44

Technical Specification
Alarm System Kit Contents

1 X LS800S two-wire alarm control panel
2 X Two-wire PIR
3 X Two-wire magnetic contacts
1 X Infrared remote key fob reader
2 X Infrared remote key fobs
1 X LS800S user & installation manuals
Screws & wall plugs

Wire Magnetic Specification

Surface mount	2 screw terminals
Switch dimensions	65mm X 11mm X 11mm
Maximum gap distance	8mm
Plastic housing	ABS

Infrared Key Fob

Type infrared signal transmitter 3 button operation	Arm, Part Arm and Off
Maximum number per system	8
Operational distance	20 meters
Battery	3V CR2016
Housing	ABS

Two Wire PIR Specification

Type	Dual element pyro sensor
Digital pulse count	1, 2 & 4 jumper
LED enabled	Via jumper
Adjustable lens	Either wide angle or long
Alarm period	2-3 seconds
Mounting height	2m
Operating temperature	-0 to + 40°C
Angle	105° X 110°
Distance	15 meters
Zone Number	64
Dimensions	100mm X 65mm X 45mm
Weight	100g

Two Wire Infrared Remote Reader Specification

Voltage input	12Vdc (non-polarity)
LED indication	Power indication, Part arm or
Sound	Entry/exit, delay, arm/disarm,
Number per	3 maximum
Housing material	ABS