

AV2200 Wireless Alarm System

Key Specifications/Special Features

MAIN UNIT

- Wireless detection for Intruder , Smoke and Carbon monoxide,.
- RF smoke, carbon monoxide and out-builbings monitored by main unit
- Infrasonic Pulse Sensing Alarm (ips), remote adjustable Sensitivity
- Audio verified alarm signalling auto dialler (GSM and land line)
- AV loudspeaker, two way conversation
- Power indicator and warning leds
- On/Off Key and RF Keyfob for remote entry and exit.
- Random code hopping up to 1 million differs
- Integral Panic button
- Integral Tamper Switch
- Mains power pack
- Sealed Lead acid back battery 72hrs typ.
- Internal siren 85 dB.
- Self monitoring, with warning lights.
- 434Mhz ready. 868 Mhz optional.
- Anti tamper and radio jamming protection
- CE approved, EMC to EN 300 220-1, EN 301 489-1 & EN 301 489-3
- Designed and manufactured by ISO9000/2000 approved Company
- DD243 compliant
- Built-in Digital Auto dialler BAPT approved

SMOKE ALARM

- Ionisation Technology
- Hush button-to silence nuisance alarms
- Emergency escape light
- Test Button and Led verification of battery and alarm operation
- 9v d.c. Battery operated(Zinc+Alkaline)
- 85dB siren
- installation position Wall/ceiling
- Operating temp. 4.4C-37.8C
- CE approved, BS5446 Part1-1990

CARBON MONOXIDE ALARM

- Electrochemical Technology
- 4.5v Battery operated (Alkaline)
- 85dB siren
- Operating Temp. 4.4C-37.8C
- Installation position Wall
- CE approved,BS7860-1996

KEYFOB

- 2 Button operated Keyfob
- 433Mhz transmitter
- Pulse Burst Mod O/Ok
- Rolling code (16.7 million differs) encrypted
- Panic button
- 6v Alkaline battery powered

Battery	12v 0.8Ah Lead Acid.
Battery Standby	minimum 24hr. typical 72hrs.
Power Consumption (average values)	
Battery Fully charged	110mA.
Peak consumption.....	230mA.
Mains power pack capacity	nominal 18v @ 500mA.
Internal Sensor	10mm Dia Electret infra-sonic microphone.
Sensitivity control range	>11:1.
Adjustment	Digital 256 step.
Dynamic Ambience Control (ABC)	>7:1 max compression.
Adjustment	Digital 256 step.
Signal processing	dual polarity sensing IPS (Infrasonic Pulse Sensing).
Main Digital control system (functionality)	4MHz microprocessor.
Internal programme memory	8k bytes.
Internal eeprom memory	256 bytes.
External eeprom memory	4k bits.
Auxiliary digital system (displays and sound).....	4MHz microprocessor.
Internal programme memory	2k bytes.
Internal eeprom memory	64 bytes.
Internal Serial data bus.....	SPI.
Sounder	120dB (nominal) Loudspeaker.
Amplifier.....	5W r.m.s.
Radio operating frequency	433.92MHz.
Duty Cycle class.....	class 1 < 0.1%.
Receiver.....	Superhetrodyne 10.7MHz IF.
Accessory Transmitter output power	typical 4dbm.
Accessory Battery life	
Fob	typical 1yr.
Door sensor.....	typical 2 yrs.
Smoke detector	Typical 1 yr.
Carbon monoxide.....	typical 1 yr.
Operating Conditions	
Temerature Range	-10°C to + 40°C.
Humidity	< 90% (non condensing).