

PAT™

Portable Alarm Transmitter

A security guard is attacked and unable to make a voice call by radio for help.

An elderly person needs urgent medical assistance but cannot get to a phone.

Both of these life-threatening situations may be common in our daily lives, but they can be avoided.

The lightweight PAT Personal Alarm Transmitter is clipped onto a belt.

In an emergency, the buttons are pressed and a silent alarm message is instantly sent to a central station.

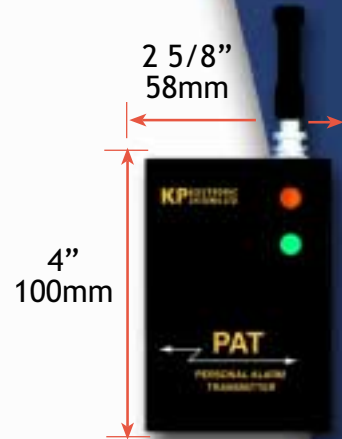
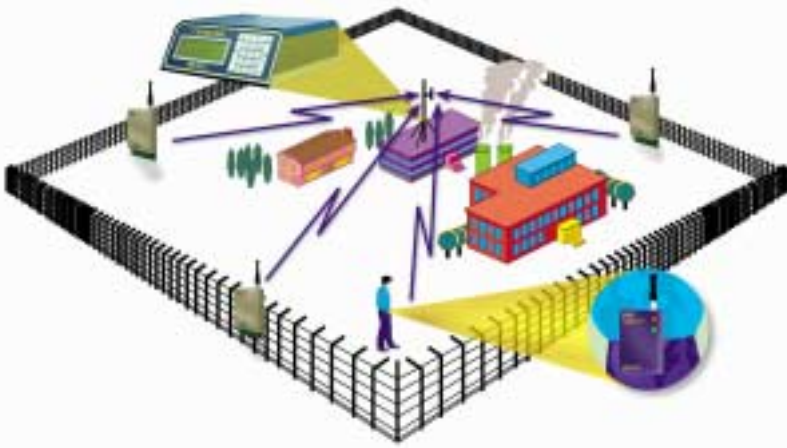
Operators can now react quickly and accurately by identifying the person in danger and their usual location.

An immediate response is made; possibly saving lives and helping people enjoy their work and leisure time.



Important Features

- Lightweight, portable and compact
- High power output.
- Uses standard 9 Volt batteries
- Parameters are PC programmable
- Automatic periodic test message option
- Man-Down switch option. An alarm message is sent automatically if a guard is knocked down
- Simultaneous operation of two buttons ensures reliable operation
- Single button (green) battery check



Applications:

- Hospitals
- Medical Care Programs
- Perimeter Security
- Camp Protection
- Airport Security
- Field Use
- Mobile Monitoring
- Embassies
- Prison and Security Guards

Specifications:

Frequency: VHF:	136-174 MHz
Modulation:	FSK, superimposed by PWM
Power Output:	0.5 Watt @ 9VDC battery, 1.5 Watt @ 12VDC
Frequency setting:	Crystal controlled
Frequency Stability:	±5 PPM
Operation Temperature:	-30°C to + 60°C (-22°F to 140°F)
Storage Temperature:	-40°C to + 70°C (-40°F to 158°F)
Spurious & Harmonics:	-50 dB
Deviation:	3.3 KHz/25 KHz ; 2 KHz /12.5 KHz
Operating Voltage:	8-15 VDC
Standby Current Consumption:	0mA
Transmission Current:	150mA at 0.5 Watt
Output Impedance:	50Ω
Dimensions:	30x58x100 mm (1 1/2"X 2 5/8"x4)
Weight:	8 1/2 oz (250 g) including battery