RPE500 PAGING ENCODER

Integrated Alarm, Monitoring & Telemetry Paging Solutions for the Workplace

- **Fully synthesised transmitter - 430 to 470MHz**

- **Easy selectable power output - 1 to 5 Watts**

- **100 percent duty cycle**

- **TAP, ESPA 444 MEP & MSP**

- **7 fully programmable alarm inputs**

- **Multiple code formats – POCSAG and Multitone Mk7**

- **Supports all Multitone text pagers**

- **Easy to install and configured from PC or Laptop**

The new RPE500 paging system provides the vital link between key personal and critical events. Integrating Multitone's RPE500 paging encoder with computerised or even non-computerised alarm, monitoring and telemetry systems ensures rapid, cost effective communications right across the workplace:

Security systems
Delivers immediate assistance ensuring that any breach of security is rapidly controlled and damage minimised

Fire panels
Fast effective team responses ensures better fire control and rapid site or building evacuation

Process controllers
Stop and rectify faults as soon as they occur, reducing costly downtime stoppages

Building management systems
Rapid monitoring of boiler, heating, ventilation systems ensures energy is not wasted

Nurse and warden call systems
Immediate assistance to those in trouble or require help

Pull cord, door bell and break glass alert
Using any of its 7 closing contacts you can link even the simplest of alarm systems to the RPE500 paging solution

Paging from the desktop With Multitone's Message Server enables you to integrate the RPE500 with both on-site and wide area messaging solutions for a fully featured PC or Web based corporate messaging solution.

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Radio Performance (PLL Synthesized Radio)	**RPE503 (UHF)**
Frequency range	430-470MHz
Frequency stability	+/- 2.5 ppm -20°C to + 60°C
Output power	Up to 5W
Duty cycle	Up to100%
Normal load impedance	50Ω
Channel Spacing	12.5/20/25kHz
VSWR protection	Protection against short term removal of the antenna (maximum of 5 calls with the antenna disconnected)
Antenna options	Stand-alone UHFwhip with 4m cable

Environmental

Operating Temperature	-20°C to +60°C
Storage Temperature	-20°C to +70°C

Standard Features

Code format	Multitone Mk7 POCSAG (512 & 1200 BAUD)
Alphanumeric messages	Up to 80 characters long
Team calling	Supports team format of up to 10, 100 or 1000 receivers
Remote contacts	7 configurable contacts (un-powered circuits, max loop resistance 150)
Computer interfaces (Serial Data)	MEP (Multitone Electronics Protocol), TAP, ESPA 4.4.4 and MSP using RS232C.

Dimensions

Length x Height x Depth	168mm x 60mm x 104mm
Weight	650 grams