

RFCS-2

RETAINED FIREFIGHTER CALLOUT SYSTEM

21st Century systems for the Fire Service

The MAL range of equipment is dedicated exclusively to meet Fire Service needs



- ◆ **Additional teams** available for specialist skills — Co-Respond, CSU, Rescue etc
- ◆ **Pre-Alert** to call fire fighters to Stand-by
- ◆ **Dual Micro-processor** controlled with watchdog protection
- ◆ **Automatic reset** if certain supervisory conditions are not met
- ◆ **Non-volatile log** stores details of the last thirty incidents
- ◆ **Standby power** provides up to 100 hours support following loss of mains power
- ◆ **Remote diagnostics** provision and fast infield module change
- ◆ **Multiple inputs** — LAN, RS232 and Remote Front Panel, Outputs available to switch lights & bells etc.
- ◆ **Message capability** — Tone, Numeric or free format Alphanumeric messages
- ◆ **Automatically switch frequency** between alerter and private wide area paging
- ◆ frequency in accordance with MG-4 instructions from Command HQ
- ◆ **Tertiary mobilizing** capability via our TMU-2 utilising Public Network pager or Brigade's own Private Wide Area Pager.

TECHNICAL SPECIFICATION

RFCS-2 Retained Fire fighter Callout System

ENCODER

- ◆ Digital Paging Encoder Interface
- ◆ Dual processor control, intelligent power management
- ◆ Code Format CCIR N° 1 (POCSAG)
- ◆ Fire Teams A,B,C & two specialist teams
- ◆ 512 Baud (other speeds optional)
- ◆ Status Information LEDs on front panel indicate system status
- ◆ Inputs RS232, LAN, Closing Contact, Power Input 220/240v AC
- ◆ Outputs Remote Front Panel, Antenna ('N' Type connector)

TRANSMITTER

- ◆ Frequency Range 136—174 MHz
- ◆ Frequency Stability ± 1.5 ppm
- ◆ Power Output Step Variable up to 25w
- ◆ Channel Spacing 12.5/20/25 kHz
- ◆ Modulation ± 4.5 kHz
- ◆ Duty Cycle 33% at 25w

PHYSICAL

- ◆ Internal battery Yuasa sealed Lead Acid 12v 17Ah
- ◆ Dimensions (width x height x depth) 482mm (19") x 88.9mm (2U) x 415mm
- ◆ Overall weight (including battery) 14 kg

APPROVALS

- ◆ Home Office MG-4 Compliant & Fully Approved
- ◆ 89/336EEC & LVD 73/23 EEC EN61000-6-3 , EN61000-6-1, BSEN60950



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