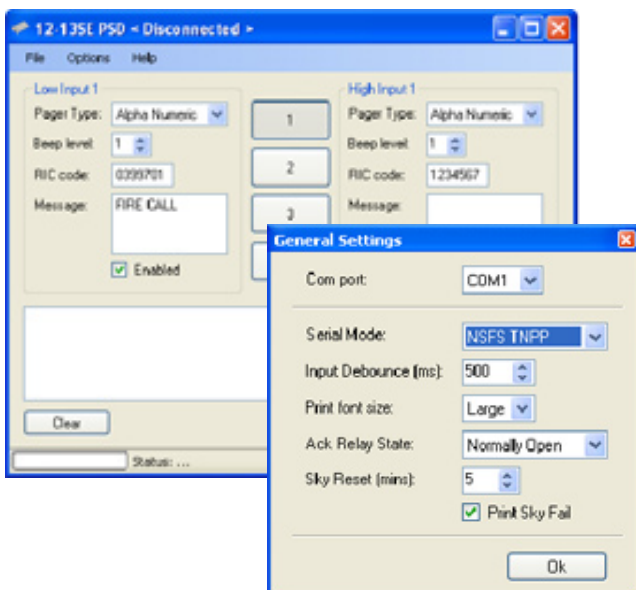# 15-15-0000
# PAGING TELEPHONE
# VOICE INTERFACE

**The 15-15-5000 is a 19 inch rack-mounted transmitter comprising a serial controller and a VHF or UHF transmitter with 4W output, which can be increased to 25W.**

The serial controller is capable of decoding different industry standard protocols and translating contacts and messages into POCSAG paging data for transmission to pocket pagers. Protocols which can be decoded include PET/TAP, 12-84 S&F, Salcom and Daviscomm Flex.

Four user inputs are provided for pre-canned messages which can be activated from a high or low state on the appropriate pins on the D15 connector on the rear panel. The active state of these pins is software programmable. Each input has a programmable RIC, level and message.

With a suitable receiver eight programmable RICs are available which can be translated to different transmit RICs. A print option is selectable on the programming software which provided the ability to print each transmitted message to a printer via the serial port.

| | |
|---|---|
| Power Supply | +11.5V to 15.2V nom 13.8V |
| Signal output | 148-164MHz (VHF), 427.5-475MHz (UHF) |
| Channel Spacing | 12.5kHz or 25kHz |
| Output Power | 4W into 50 Ohms (up to 25W with Power Amplifier option) |
| Modulation | POCSAG |
| Deviation | 4.5kHz or 2.5kHz |
| Transmission Duty Cycle | Up to 60% |
| Baud Rate | 512/1200 baud |
| Spurious Outputs | -30dBm or less |
| Serial Input/ Output | RS232 (DCE), 9600 baud no parity, 8 data bits, 1 stop bit<br>Multiple Protocols: PET/TAP, 12-84 S&F, Salcom, Daviscomm Flex |
| Discrete Inputs | Pulled up to +12V (47K), ground to activate. Threshold approx. 3V |
| Case Dimensions | 140 x 105 x 32 mm |
| Type Approvals | New Zealand - Australia AS4295 |



Example of PSD Screens

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