



PDR3000

Paging Data Receiver



General Description

The PDR3000 Paging Data Receiver is a multi-function paging data receiver/ off air decoder/pager capable of receiving paged messages and processing them in a variety of ways. It is able to print messages direct to a parallel printer or output the message data via the serial ports in a number of different formats and protocols. The PDR3000 may also be fitted with up to four relay control outputs internally or may interface with the RCM3000 Relay Control Module for multiple relay control.

Other options include an inbuilt pocsag paging encoder for repeater or rebroadcast applications and other specialised serial data inputs and outputs for control of devices such as LED signs. The PDR3000 also has an inbuilt search and replace text facility for manipulating the incoming messages.

We have developed a wide range of applications that use the considerable functionality of the PDR3000 so if your requirement does not appear on this page please contact us to discuss your requirements.

Applications

Fire Station Control
 Paging system monitoring
 Repeater

LED Sign control
 Message logging
 Paging printer

Emergency alerting systems
 Remote control
 Off-air decoder

Features

Very large capcode capacity
 Printer output (Centronix parallel or serial)
 Programmable serial data output (2 ports)
 Relay control outputs (4) capcode & message activated

Battery backed real time clock
 Pocsag encoder output
 Receivers available for most paging bands
 Pocsag and Flex versions available

Specifications

Receiver	Synthesised
Frequencies	148-174, 450-470, 929-932 MHz (Other frequencies by request)
Protocols	Pocsag & Flex
Channel Spacing	25 KHz
Data Transmission Rate	512-2400 bps (Pocsag) 1600/2-6400/4 (Flex)
Frequency Deviation	+/- 4,5 KHz
Receiving Sensitivity	5 uV at 1200 bps

Selectivity	better than 60 dB
Image Rejection	better than 55 dB
Spurious Rejection	better than 55 dB
Frequency Stability	10 ppm at -10C--+60C
Power	12-32 V DC/AC (12VDC Nominal) 150mW @ 12V
Physical	230 x 94 x 56mm (-9 x 3.5 x 2in) (Excluding brackets and antenna)
Temperature Range	-10oC to 70oC

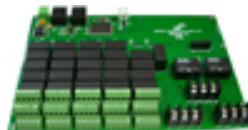
Options & Accessories



Standard accessories



Plug pack power supply (option)



RCM3000 relay control module



PDTP Programming Kit



LogPage Software (see below)

LogPage Software

LogPage is a Windows based application used to log **pager** message traffic over a Pocsag or Flex paging network directly to a PC or computer network. It is available in single PC or networked client/server versions. LogPage can filter incoming messages and based on capcodes or text redirect those messages in altered or unaltered form to other pagers, SMS, email or screen alerts.