

**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**

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

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