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	LED Sign control	Emergency alerting systems
Paging system monitoring	Message logging	Remote control
Repeater	Paging printer	Off-air decoder

Features

Very large capcode capacity	Battery backed real time clock
Printer output (Centronix parallel or serial)	Pocsag encoder output
Programmable serial data output (2 ports)	Receivers available for most paging bands
Relay control outputs (4) capcode & message activated	Pocsag and Flex versions available

Specifications

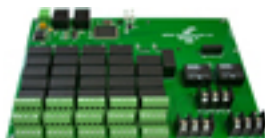|			
Receiver	Synthesised	**Selectivity**	better than 60 dB
Frequencies	148-174, 450-470, 929-932 MHz	**Image Rejection**	better than 55 dB
	(Other frequencies by request)	**Spurious Rejection**	better than 55 dB
Protocols	Pocsag & Flex	**Frequency Stability**	10 ppm at -10C~+60C
Channel Spacing	25 KHz	**Power**	12-32 V DC/AC (12VDC Nominal)
Data Transmission Rate	512-2400 bps (Pocsag)		150mW @ 12V
	1600/2-6400/4 (Flex)	**Physical**	230 x 94 x 56mm (~9 x 3.5 x 2in)
Frequency Deviation	+/- 4,5 KHz		(Excluding brackets and antenna)
Receiving Sensitivity	5 uV at 1200 bps	**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.