WiPath Product Sheet

PDT3000

Paging Data Terminal

General Description

The PDT3000 Paging Data Terminal is an intelligent multi-function paging device capable of receiving and displaying messages on a large graphical LCD display as well as providing multiple output and control options.

It is able to print messages directly to a parallel or serial printer, output the message data via serial ports or control or receive data from external devices via its two serial ports.

The PDT3000 has four relay control outputs internally and may additionally be interfaced with an external RCM3000 relay board for multiple relay control.

The ruggedized case of the PDT3000 is constructed of glass reinforced ABS that gives it a strength similar to aluminium for

operation in harsh environments such as mounting on forklifts for in-plant messaging. Depending on the connector configuration it can also be made weathertight to a rating of IP65.

Other options include an inbuilt POCSAG paging encoder for repeater or rebroadcast applications and other specialis ed serial data inputs and outputs for control of devices such as LED signs.

The PDT3000 is available in a number of configurations with different connector combinations and weathertightness ratings and has a number of mounting options to choose from.

Applications

In-vehicle paging receiver	Desktop pager	Emergency alerting device
Paging system monitoring	Message logging	Remote control
LED Sign control	Paging printer	Off-air decoder

Features

Easy to use intuitive user interface	Battery backed real time clock
Large 4, 6 or 8 line graphical display	Pocsag encoder output
Very large capcode capacity	User settable display and alerting functions
Printer output (Centronix parallel or serial)	Receivers available for most paging bands
Programmable serial data output (2 ports)	Pocsag and Flex versions available
Relay control outputs (4) capcode & message activated	Multiple mounting options

Specifications

Display Size	130 x 40mm (Approx 5 x 1.5in)	Selectivity	better than 60 dB
Receiver	Synthesised	Image Rejection	better than 55 dB
Frequencies	148-174, 450-470, 929-932 MHz	Spurious Rejection	better than 55 dB
	(Other frequencies by request)	Frequency Stability	10 ppm at -10C~+60C
Protocols	Pocsag & Flex	Power	12-32 V DC/AC (12VDC Nominal)
Channel Spacing	25 KHz		150mW @ 12V
Data Transmission Rate	512-2400 bps (Pocsag)	Physical	230 x 94 x 56mm (~9 x 3.5 x 2in)
	1600/2-6400/4 (Flex)		(Excluding brackets and antenna)
Frequency Deviation	+/- 4,5 KHz	Temperature Range	-10oC to 70oC
Receiving Sensitivity	5 uV at 1200 bps		

Options & Accessories

| Standard accessories | U Bracket and knobs (option) | Plug pack power supply (option) | RCM3000 relay control module | IP65 rated back cover & connector | PDTP Programming Kit |

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