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PT805 Portable Data Collection Terminal

The PT805 Terminal is an entry-level portable data collection terminal. With its flexible configuration, the PT805 can be used as either a portable data collection device or as a keyboard wedge, making it a cost effective solution for both on-line and off-line data collection.

The terminal's setup and operation are simple and straightforward. It automatically detects the input device being used. During operation, the buzzer provides feedback every time a bar code is read and the unit displays low battery warnings to ensure there is no data loss. As an added feature, it can be configured to run the same program every time it is powered on.

The PT805 supports either a wand, CCD, hand-held laser or badge reader as input devices. Its rugged design can withstand multiple 5-foot drops to concrete floor and the membrane keypad is splash resistant.

Application Development Tools:

With its Resident Operating Program or ROP, users can develop applications for the PT805 by simply defining the prompts and type of information to be captured. The process requires no programming experience. Additionally, we offer JobGen, an optional high-level program generator, which provides a Macro language and more data processing power.

Available Accessories:

PC AT, PS/2 keyboard wedge cable & adapter
Communication and charging cradle
Scanners: wand, CCD, laser scanner or ID badge reader
NiCd battery pack
RS232 cable
Shoulder strap
Carrying case
Sample application and communication software

Main Features:

- 2 x 16 LCD, 64 to 256 KB memory and real time clock.

- Embedded diagnostics and menu-based on-board programming.

- Accepts bar code wand, CCD, laser scanner or ID badge reader.

- Audio buzzer provides feedback from keypad and bar code reading.

- Operates via a NiCd battery pack or alkaline batteries.

- Backup lithium battery for data retention.

- Protection circuit prevents accidental recharging of alkaline batteries.

- Power low indication for main battery and backup battery.

- Built-in PC AT and PS/2 keyboard wedge functionality.

- Automatically executes user's program when the unit is powered on.

Portable Data Collectors

PT805
Portable Data
Collection
Terminal

SPECIFICATIONS	
SYSTEM	
CPU	8 bit embedded microprocessor
RAM	64 / 128 / 256 KB CMOS SRAM
ROM	64 KB (Resident Operating Program, setup and diagnostics)
Keypad	35 alphanumeric membrane keys
Display	2 x 16 Liquid Crystal Display
Buzzer	Software adjustable
Real Time Clock	System date and time , Y2K compliant
POWER	
Management	Low battery warning for main and backup batteries
Main battery	4.8V 700mAH NiCd battery pack or four AA alkaline batteries
Backup battery	3V 190mAH Lithium battery
Consumption	30mA average operating current (scanner not included)
SCANNER AND BAR CODE	
Scanner port	Supports wand, CCD, laser scanner and Id badge reader
Symbologies	UPC-A/E, EAN-8/13, Codabar, Code 128, Interelaved 2 of 5, Code 39, Code 39 Full ASCII, MSI
Interface	Dsub-9p male connector with squeeze-and-release locking
COMMUNICATION	
Format	Asynchronous, 7/8 data bits, even/odd/mark/space/none parity
Baud Rate	300 to 19200 bits per second
Handshaking	Xon/Xoff, CTS/RTS
Protocol	ACK/NAK and None protocols
Interface	EIA RS232 with Dsub-9p male connector PC AT, PS/2 keyboard wedge
PHYSICAL AND ENVIRONMENTAL	
Dimensions	8.0" x 3.5" x 1.8"/1.5" (203 x 90 x 45/38 mm) L x W x H
Weight	Approximately 16.5 oz (470 g) with battery
Temperature	Operation: 32°F - 122°F (0°C - 50°C) Storage: -4°F - 158°F (-20°C -70°C)
Humidity	5 - 95% RH non-condensing