



PDT 1475 Portable Data Terminal

Value-Priced Portable Data Collection Terminal

The Symbol PDT 1475 Portable Data Terminal is a must for applications where basic, 8-bit automatic bar code data capture makes the difference in your business. Symbol's PDT 1475 is the low-cost, reliable and flexible tool you need for practical automatic bar code data capture in the field, the warehouse, the office, or the store.

Combining Function and Low-Cost Portability

A workhorse, the PDT 1475 is ideal for electronic order systems, sales order entry, retailer inventory control and market research. Plus, it also has a built-in Electronic Ordering System program that cuts your operational costs. You'll eliminate time-consuming, error-prone manual order processing and data entry; and you'll watch the PDT speed inventory, tighten security at the shipping and receiving dock, simplify sales call reporting and improve document tracking.

Weighing less than a pound/.45 grams, the PDT 1475 goes anywhere. Energy-efficient, it will operate for up to 100 hours on a single 9-volt battery, so you benefit from a longer up-time. Its sleek, comfortable styling means your operators will find it easy to use hour after hour. Its one- or two-line, 16-character display has an adjustable viewing angle that eases eye strain while increasing accuracy and productivity.

A Small Package with Big Performance

The PDT 1475 does what you want it to. Customize the programming to fit your application—in a hospital, pharmacy, convenience store, or at your manufacturing and distribution plant. Flexible configurations allow the PDT 1475 to accept keyed, or bar code data capture via a Symbol laser scanner or wand. It can also transmit data over the telephone via an acoustic modem or directly to your host system through an RS-232-C hook-up.

The PDT 1475 is backed by Symbol Technologies' worldwide service and support network. With 3.5 million laser scanners and terminals installed, Symbol is the world leader in bar code-driven data management systems.

PDT 1475 Portable Data Terminal Specification Highlights

Physical and Environmental Characteristics	
Dimensions:	7" L x 3.25" W x 1.3" D/17.8 cm L x 8.26 cm W x 3.3 cm D
Weight:	Approximately 10 oz./283.5 gm
Custom VLSI:	Used throughout for maximum performance, reliability, circuitry and system cost-effectiveness
Power:	One 9-volt battery (alkaline recommended), NiCad is optional
Humidity:	Up to 95% (noncondensing)
Static:	10kV electrostatic discharge to all exposed surfaces without loss of data in RAM
Operating Temperature:	5° to 120° F/-15° to 50° C
Storage Temperature:	-4° to 140° F/-20° to 60° C

Performance Characteristics	
Microprocessor:	Hitachi 6303
Data Storage:	32K or 64K 8-bit alpha characters of CMOS solid-state RAM memory
Operating System:	Terminal Operating System (TOS) stored in 32K EPROM. Contains a built-in Electronic Ordering System program parameterized through keyboard.
Program Load:	Application programs downloaded directly into RAM
Programming Tools:	PDTGEN can be used to generate programs which can then be downloaded
Keyboard:	29 plastic cap keys; shift partial alphanumeric capacity
Display:	One-line or two-line by 16-character alphanumeric Liquid Crystal Display. 5 x 7 dot matrix characters. Software-controlled adjustable viewing angle
Error and Status Indicator:	Error and status messages application-dependent. Standard messages contained in EPROM: Replace Cells, Low Battery, Double-Key Error

Communications	
Format:	Data code, parity, clocking method, and data rates are application dependent; data communication rate programmable from 150 to 9600 bps
Hardware/Firmware:	Supports half and full duplex modems. Baud rates: 150, 300, 600, 1200, 2400, 4800, 9600 bps. Parity: even, odd, none
Protocol:	Peripherals support one-way, limited MSI two-way (downloading operation only)
Internal Acoustic Transmit:	Supports 150, 300, 600, 1200, and 1350 bps using CCITT V.23, V.21/Bell 103
Interfaces:	Communication modules include internal one-way using acoustic coupler, V.21, V.23 and Bell 103 and RJ-41 to RS-232-C port

Contact Scanner	
Wand Type:	Symbol LP 1500 Series
Readable Bar Codes:	Application-dependent; include, but not limited to, UPC Versions A, EO, EI; EAN versions 8 and 13; Interleaved 2 of 5; Code 39; Codabar; and MSI Plessey bar codes
Reading Velocity:	3 to 30 lps /7.6 to 76.2 cm
Ambient Light::	Complete dark to direct sunlight
Wand Weight:	1.6 oz./45.4 gm
Wand Holder:	Standard; provided with each contact scanner



Specifications are subject to change without notice.



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