



## SPT 1500

### Pocket-sized Productivity for People on the Move



The pocket-sized SPT 1500 from Symbol Technologies is a totally new concept in mobile computing for use in workflow automation, route accounting, healthcare, retail, or any industry where on-the-move professionals need to collect and manage data at the point of activity.

Symbol has teamed with Palm Computing Inc., a subsidiary of 3Com™ Corporation, developers of the PalmPilot™ and Palm III™ connected organizers, the leading palm-size personal productivity tools, to break new ground in mobile computing. The SPT 1500 combines the latest bar code-scanning technology for collecting and managing data with all standard applications designed for the Palm Computing® platform. All this versatility comes in a handy package that measures 5.5"/14 cm high, weighs only 5.5 oz./154.0 gm, fits comfortably in the hand, and tucks into a pocket.

#### **Manage Data at the Point of Activity**

Equipped with the SPT 1500, mobile professionals in a host of industries will find it easier to manage accurate data while not attached to a network or desktop computer. Medical personnel can

slip the device into a cradle attached to a network or desktop computer, download patient information before rounds or home visits, use the device to scan prescription changes and update records at bedside, then remotely transmit the records to the host at day's end. Using the same procedure, service technicians can receive work orders, track inventory, and order replacement parts from price lists they loaded from the Internet or before they left the office. At a customer's site, salespeople will be able to schedule follow-up meetings on the SPT 1500, check price lists they loaded in before they left the office, scan items from a bar-coded catalog and send the order to the host with the touch of a button. At home, consumers can use the SPT 1500 to scan their orders directly from the kitchen shelves and transmit the order for home delivery.

The SPT 1500 uses Symbol's state-of-the-art SE 900 scan engine, the smallest, lightest, brightest available today, for premium performance.

#### **Tailor Applications for Your Business**

Any business can tailor the adaptable SPT 1500 to boost the productivity of its mobile professionals. Because the device uses the Palm Computing platform, programmers can build solutions using a wide selection of scan-enabled graphical development tools. Also, more than 1,000 third-party applications have been developed for the platform. The combination of development tools and applications makes it easy to find or create software for any data collection need.

In addition, there are more than 15,000 Palm Solution Providers currently working on applications for the Palm™ platform. The device comes with a generous 2 MB each of RAM and flash memory. A 4 MB configuration is available to accommodate larger application demands.

The Palm OS™ Software Development kit includes Symbol Application Programming Interfaces (API) for controlling the scanner and manipulating data input. A growing roster of software companies support the SPT product family with tools for network and database connectivity.

#### **Easy to Operate Anywhere**

The SPT 1500 was designed for convenient operation in the office or on the road. A pen-based graphical interface, push-button controls and backlit 160 x 160-pixel display make it easy on the eyes, even outdoors or in dimly lit areas. Two AAA batteries deliver many hours of power, and the SPT 1500 supports both single and multi-slot serial cradles for flexible host communications in most network and user environments.

Symbol systems are critical to business success in data-intensive, time-critical environments, because our systems help you capture, access and manage information at the point of business activity.

To find out how your company's mobile professionals can save time and paperwork using the innovative SPT 1500 hand-held computer from Symbol, contact any of the convenient locations listed on the back panel or visit us at [www.symbol.com/palm](http://www.symbol.com/palm)

# SPT 1500 Features and Benefits

Features	Benefits
Superior ergonomics and pocket-sized design	Ideal for mobile professionals who need convenient data access at the point of activity
Integrated bar code laser scanning	Users can capture and manage bar code data easily
Developed by Symbol Technologies and Palm Computing*	Proven technology from industry leaders
Open Palm OS™	Readily available development tools including CodeWarrior, AvantGo, Riverbed Scout MTS, PenRight!, Pendragon Forms and Satellite forms. Ask Symbol about other development tools.
Integrated SE 900 scan engine	Reads bar codes in low light or outdoors
Pen input with intuitive graphical interface	Easy touch and access operation
A 160 x160 pixel backlit display with adjustable font sizes	Easy-to-read screen improves productivity and reduces eye fatigue
Physical buttons for navigation and scanning	Able to access applications instantly for scan input and data verification
Graffiti® power writing technology	One stroke character recognition enables fast manual data input
2 MB each of RAM and ROM with optional 4 MB available	Memory flexibility to accommodate application demands
Powered by 2 AAA batteries	Hours of battery life so mobile workers spend their time collecting and transmitting data—not changing batteries
One-touch data synchronization with host or network	Assures up-to-the-minute data access on your SPT 1500 and host system
Supports single and multi-slot serial cradles	Flexible host communications for most network and user environments
Infrared port	Convenient beam records and sends applications directly with other SPT 1500 and Palm III™ devices



## SPT 1500 Specification Highlights

Performance Characteristics	
CPU and Memory:	Processor: Motorola DragonBall 68328; Memory: D-RAM: 2 MB or 4 MB/Flash ROM: 2 MB or 4 MB; Operating System: Palm OS 3.0; Application Development:
Battery Life:	8,000 continuous one-second scans, every six seconds
Display:	Type: LCD Touch Screen; green back-lit; Size: 2.3" X 2.3"/5.8 cm x 5.8 cm; Resolution: 160 X 160 pixels
Decode Capability:	UPC/EAN/JAN, Code 128, Code 39, Code 93, Interleaved 2 of 5, Discrete 2 of 5, Codabar, MSI Plessey
Range:	Maximum: Code 39 at 55 mils: 60 cm; Minimum: 100% UPC: 5 cm; Code 39 at 55 mils: 24 cm
Physical Characteristics	
Size:	.66" H x 3.16" W x 5.46" L/17 mm H x 81 mm W x 140 mm L
Weight:	5.5 oz./154.0 gm without batteries; 6.1 oz./170.8 gm with batteries
Keyboard:	Physical: 5 keys (same as Palm III); Virtual: Pop-up alphanumeric
Light Source:	Visible Laser Diode at 650 nm
Laser Class:	CDRH Class II, IEC 825 Class 2
Scan Angle:	53° nominal
Scan Rate:	36±3 scans per second
Minimum Print Contrast:	25% absolute dark/light reflectance at 650 nm
Interface Type:	Serial RS232; IrDA Communications
Power:	2 AAA alkaline cells; new batteries provide up to 8,000 continuous scans
User Environment	
Operating Temperature:	10° to 32°C/50° to 90°F
Ambient Light:	Artificial: 450 ft.-candles/4,844 lux ; Sunlight: 10,000 ft.-candles/107,640 lux



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