

TopGun® Portable Data Terminal

Industrial Portable Data Collection Terminal

- **Integrated laser scanner**
- **16-bit proprietary operating system**
- **Memory expandable to 2MB**
- **4 x 16 LCD**
- **Lightweight, compact design**
- **Easy to upgrade**
- **Easy-to-use Windows®-based programming tool**
- **Floating point math**
- **Wildcard field search and verification**
- **All supported symbologies loaded**
- **Larger applications supported (up to 64K)**



PT Dock



TopGun®: Portable Scanning and Data Collection

Scanning bar codes on flat, curved, or irregular surfaces at distances from 2.5 to 36.0" (6.0 to 91.0 cm) is easy with TopGun®. Its rugged one-handed design gives you durability, reliable performance, and freedom of movement, even in the most demanding industrial work environments. TopGun® consists of a PT 2000™ portable data collection terminal integrated with a TopGun® laser module. Weighing 16 oz. (480 grams), including three AA batteries, TopGun® is lightweight and easy to use. It operates like any other handheld laser—just aim it and pull the trigger.

TopGun's balanced, ergonomic design quickly adapts for either right- or left-handed use. The unique modular construction of the TopGun® laser module allows you to upgrade your existing PT 2000 in seconds! LEDs located on the back of the scan head indicate laser activation and good reads. An audible tone also indicates scanning success.

TopGun® is a cost-effective integrated laser scanning solution. It provides all the features of the PT 2000 and the convenience of one-handed, portable scanning combined with the speed and accuracy of laser input. Add the PT Dock for data transfer and battery recharging and you have the answer to all your portable needs.

PT Dock

Designed specifically for use with the PT 2000 or TopGun®, the PT Dock provides a connection between your PSC portable and your computer without sacrificing the convenience of portability.

The PT Dock allows you to transmit data to and from your host system, using serial or keyboard wedge communications. The PT Dock also recharges your Nicad battery pack and lithium backup battery.

Ask your PSC representative for more information on PSC software products.



EXPANDING TECHNOLOGY. FOCUSING SOLUTIONS.

TopGun® Portable Data Terminal

SPECIFICATIONS

MECHANICAL

Dimensions

TopGun®

- **Length** 9.0" (229 mm)
- **Width at grip** 2.9" (74 mm)
- **Depth** maximum: 4.0" (102 mm)
maximum: 1.8" (45 mm)

PT Dock

- **Length** 6.1" (155 mm)
- **Width** 6.0" (153 mm)
- **Height** 4.3" (110 mm)

- Weight** *Top Gun:* 16 oz. (480 g)
(with batteries);
PT Dock: 24 oz (720 g)
(w/o power supply)

Display

- 4 lines x 16 characters supertwist LCD

Keypad

- 34 splash-resistant keys with full alphanumeric capability
- Four programmable function keys

Construction

- Industrial, high-strength polycarbonate/blend plastic
- Chemical and splash resistant

ENVIRONMENTAL

Temperature rating

- **Operating** 14° to 122° F (-10° to 50° C)
- **Storage** -4° to 158° F (-20° to 70° C)

Humidity 5 to 95% NC

Shock multiple 4-ft. drops to concrete

DECODING CAPABILITY

(autodiscriminates between)

- UPCA, E / EAN 8,13 / JAN 8, 13 (extensions)
- Code 128
- Code 39
- Code 93
- Interleaved 2 of 5
- Code 39 Full ASCII
- Codabar

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Part No. R45-5050 US B 0800

OPTICAL

Light source 670nm Visible Laser Diode (VLD)

Rate 36±4 scans/sec. nominal

Scan Angle 42° nominal

Depth of Field

(printing resolution, contrast and ambient light dependent;
* Minimum distance determined by symbol length and scan angle)

5 mil	3.0 to	5.0"	(8.0 to 13.0 cm)
7.5 mil	2.5 to	9.0"	(6.0 to 23.0 cm)
10 mil	2.5 to	13.0"	(6.0 to 33.0 cm)
15 mil	2.5 to	19.0"	(6.0 to 48.0 cm)
*20 mil	2.5 to	21.0"	(6.0 to 53.0 cm)
*40 mil	2.5 to	30.0"	(6.0 to 76.0 cm)
*55 mil	2.5 to	36.0"	(6.0 to 91.0 cm)

Indicators *TopGun:* Good read; scan
PT Dock: Dual LED; Indicates battery charge or unit properly seated in dock

Ambient light immunity

Artificial light: 450 ft-candles (4,844 lux)
Sunlight: 8,000 ft-candles (86,112 lux)

SAFETY / REGULATORY

Electrical Complies to: CE

Emissions FCC Part 15 - Class A

Laser CDRH Class 2; IEC Laser Class 2

SYSTEM

- **Beeper** Software programmable speaker volume, duration, and pitch

- **Data Communications** *TopGun®:* Standard 15-pin D-sub connector

- Serial (requires serial cable)
RS-232C; ASCII 7- or 8-bit; Selectable Parity; 300 to 76,800 baud programmable; Supports CTS/RTS and Xon/Xoff

- Keyboard wedge (requires wedge cables)
AT interface; PS/2 interface

SYSTEM (continued)

- **Data Communications** (continued)
PT Dock: Standard 25-pin D-sub connector

- Serial (requires serial cable)
RS-232C; ASCII 7- or 8-bit; Selectable Parity;
300 to 76,800 baud programmable; Supports
CTS/RTS and Xon/Xoff

- Keyboard wedge (requires wedge cables)
AT interface; PS/2 interface; IBM 3151, 3471,
3472, 3476, 3477 terminals

- **Hardware** 16-bit CMOS Microprocessor; Real-time Clock and Calendar; RAM: 128 KB to 2MByte; FLASH: 128K Byte

- **Power** *TopGun®:* Two options:
- Three alkaline batteries
- Nicad rechargeable battery pack

Rechargeable lithium backup battery protects RAM and real time clock; Low battery message and programmable automatic shutdown

PT Dock: Two options:
- 110-volt power supply
- 220-volt power supply

Nicad and internal lithium backup batteries are recharged in the unit; Power supply is not needed when using the PT Dock as a wedge

Power supply must be purchased separately

- **Protocols** ACK/NAK with drivers for MS-DOS; X Modem; Carriage return only

- **Software** Supports programs generated with PSC Program Generator (PPG); Supports floating point math (decimal and exponential notation up to 12 digits); Supports wildcard field search and verification.



Specifications are subject to change without notice.
For further information, contact your PSC representative.



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For product information, technical support, answers to frequently asked questions, product documentation, software updates, repair information, and how to contact PSC, visit the PSC Website at: www.pscnet.com