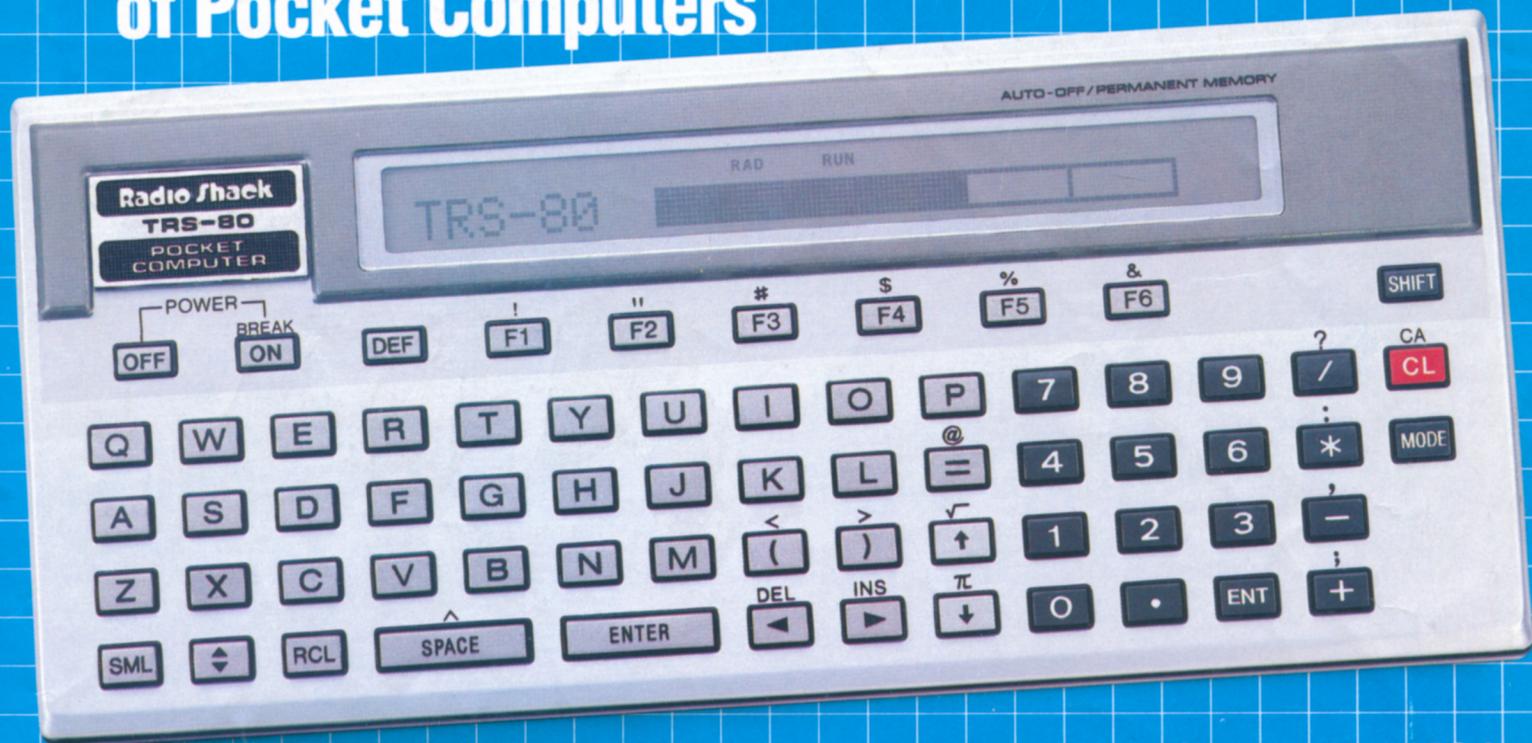


Radio Shack Presents the Next Generation of Pocket Computers



TRS-80® Pocket Computer Model PC-2

Cat. No. 26-3601 **279⁹⁵**

The Ultimate Hand-Held Computer — Powerful, Affordable and Expandable!

- Powerful BASIC Interpreter with 42 Statements, 34 Functions and 6 Commands
- Full String Handling Ability with 80-Character String Length and 2-Dimension Arrays
- 26-Character Alphanumeric Liquid Crystal Display With Upper and Lower Case Characters

Radio Shack's new TRS-80 Pocket Computer Model PC-2 is a truly personal computer system that you can take with you anywhere — it's only 1 $\frac{1}{16}$ x7 $\frac{1}{16}$ x3 $\frac{3}{16}$."

Never before have such powerful computing features been available for use by on-the-go people. Engineers, students, businessmen and professionals can enjoy an easy-to-program advanced BASIC language, plus RS-232 communications and multi-color plotting and printing.

Deluxe Features. A built-in quartz clock is accessible from BASIC or from the keyboard, and provides month, day, hour, minute and second. The Liquid Crystal Display can produce special characters used in engineering, scientific and other applications. The 65-key keyboard features a typewriter-like layout and ten-key numeric pad. A fully programmable beeper can be used for distinctive operator prompting. An automatic power-off feature preserves battery life.

Extended BASIC. An incredibly fast, more versatile version of our Pocket BASIC. This extremely powerful programming language features 2-dimension arrays, built-in arithmetic functions, variable length character strings and more. The PC-2's command set can be

- Fully Addressable 7x156 Dot Matrix LCD Graphics
- 2640 Byte Memory Expandable with Plug-In RAM or ROM Memory Modules
- Built-in Real Time Quartz Clock
- 60-Pin Input/Output Interface Connector

expanded by using intelligent peripherals such as our 4-color printer-plotter/dual cassette interface. These and many other features permit program applications never before possible on a computer of this size.

High-Speed Processing. The PC-2's central processing unit is an 8-bit microprocessor operating at a clock speed of 1.3 MHz. That's as fast as many desktop computers! Advanced design permits direct memory access and maskable and timer interrupts.

Ideal for Special Applications. The PC-2 has a 60-pin I/O connector that provides address, data, interrupt, timing and control signals. This makes the PC-2 perfect for use in process control, data logging, instrument monitoring and other special applications.

Future Expansion. The PC-2 can be outfitted with a variety of peripherals, including a printer/cassette interface available right now. Radio Shack will also introduce an RS-232C Interface and software to allow the PC-2 to communicate as a terminal using any of Radio Shack's low-cost modems for data communications over ordinary phone lines. And of course there will be a growing library of applications software available.

The Personal Computer You Can Take With You – Anywhere!

Specifications

MICROPROCESSOR: 8-bit custom CMOS processor, 1.3 MHz internal cycle time. — **KEYBOARD:** 65 alphanumeric keys, including 18 programmable function keys, 18 "softkeys" and 10 pre-programmed command keys. — **DISPLAY:** 26-character Alphanumeric Liquid Crystal Display (LCD). Automatic scrolling plus manual playback of line longer than 26 characters. 80-character input buffer. — **CHARACTER STYLE:** Full 7x5 dot matrix ASCII upper and lower case character set. — **GRAPHICS:** Fully-addressable 7x156 dot matrix LCD graphics permits generation of special characters. — **MEMORY:** 16K bytes of system ROM, 1850 bytes BASIC program and data RAM, 600 bytes fixed data memory and 190 bytes reserve memory. Memory retains information even when power is off. — **STRING HANDLING ABILITY:** LEFT\$, MID#, RIGHT\$, LEN, VAL, CHR\$ and STR\$. Strings dimensionable to 80 characters in 2-dimension arrays. — **INPUT/OUTPUT:** All address and data lines, power, timing and control signals accessible via 60-pin connector. — **POWER REQUIREMENTS:** 4 inexpensive AA batteries (not included). Battery life approximately 75 hours of operation with alkaline cells. Battery saver circuit turns power off after about seven minutes of inactivity.

Memory Module Just Plugs In!

Need more memory? Then plug in a memory module for up to 16K bytes of RAM, ROM or ROM/RAM combination! A 4K RAM module is already available, and other modules are on the way. Extra memory allows larger, more complex programs to reside in the PC-2. A module fits into the recessed port on the back of the PC-2 and is easily interchangeable.



4K RAM Module
#26-3615 69⁹⁵

Add This Unique 4-Color TRS-80 Printer/Plotter! Hard-Copy Output Plus Dual Cassette Interface!

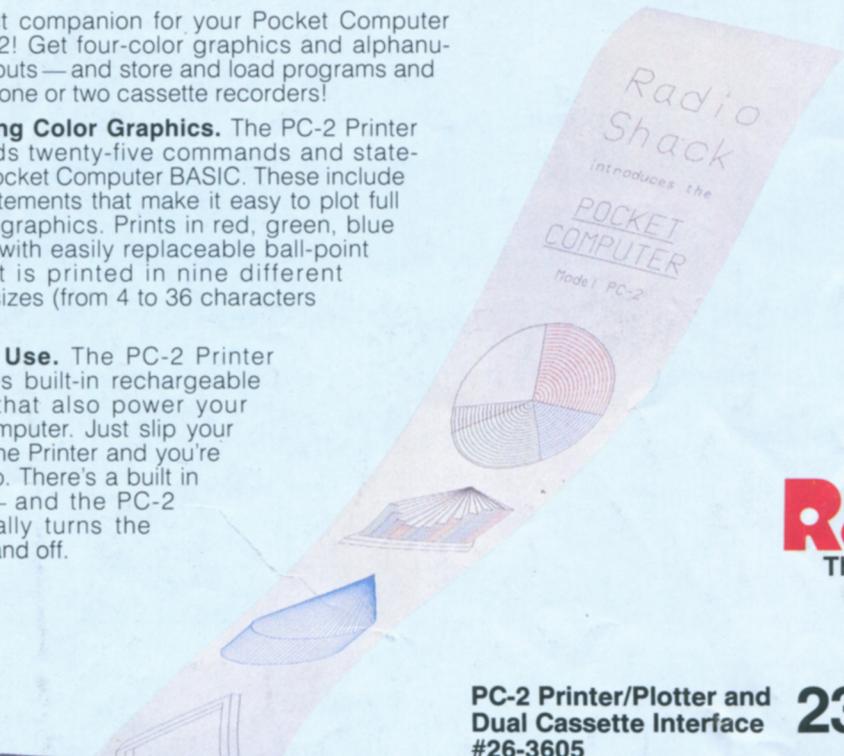
The perfect companion for your Pocket Computer Model PC-2! Get four-color graphics and alphanumeric printouts — and store and load programs and data using one or two cassette recorders!

Outstanding Color Graphics. The PC-2 Printer Plotter adds twenty-five commands and statements to Pocket Computer BASIC. These include special statements that make it easy to plot full X/Y/Z axis graphics. Prints in red, green, blue and black with easily replaceable ball-point pens. Text is printed in nine different character sizes (from 4 to 36 characters per line).

Ready to Use. The PC-2 Printer Plotter uses built-in rechargeable batteries that also power your Pocket Computer. Just slip your PC-2 into the Printer and you're ready to go. There's a built in self-test — and the PC-2 automatically turns the Printer on and off.

Dual Cassette Control. Add two cassette recorders and enjoy automatic program overlay, chaining and data storage without having to change tapes — each cassette is under program control from BASIC. When used with the RS-232C interface (to come) and a modem, this allows for a complete data communication and logging system.

Built-In I/O. A 60-pin input/output connector is provided for use while the PC-2 is connected. The Printer uses inexpensive 2 1/4" cash-register type paper, and comes with a U.L. listed AC adapter/charger that also powers the PC-2.



Radio Shack[®]
The biggest name in little computers[™]
A DIVISION OF TANDY CORPORATION

PC-2 Printer/Plotter and
Dual Cassette Interface **239⁹⁵**
#26-3605

