F.R.E.D.™

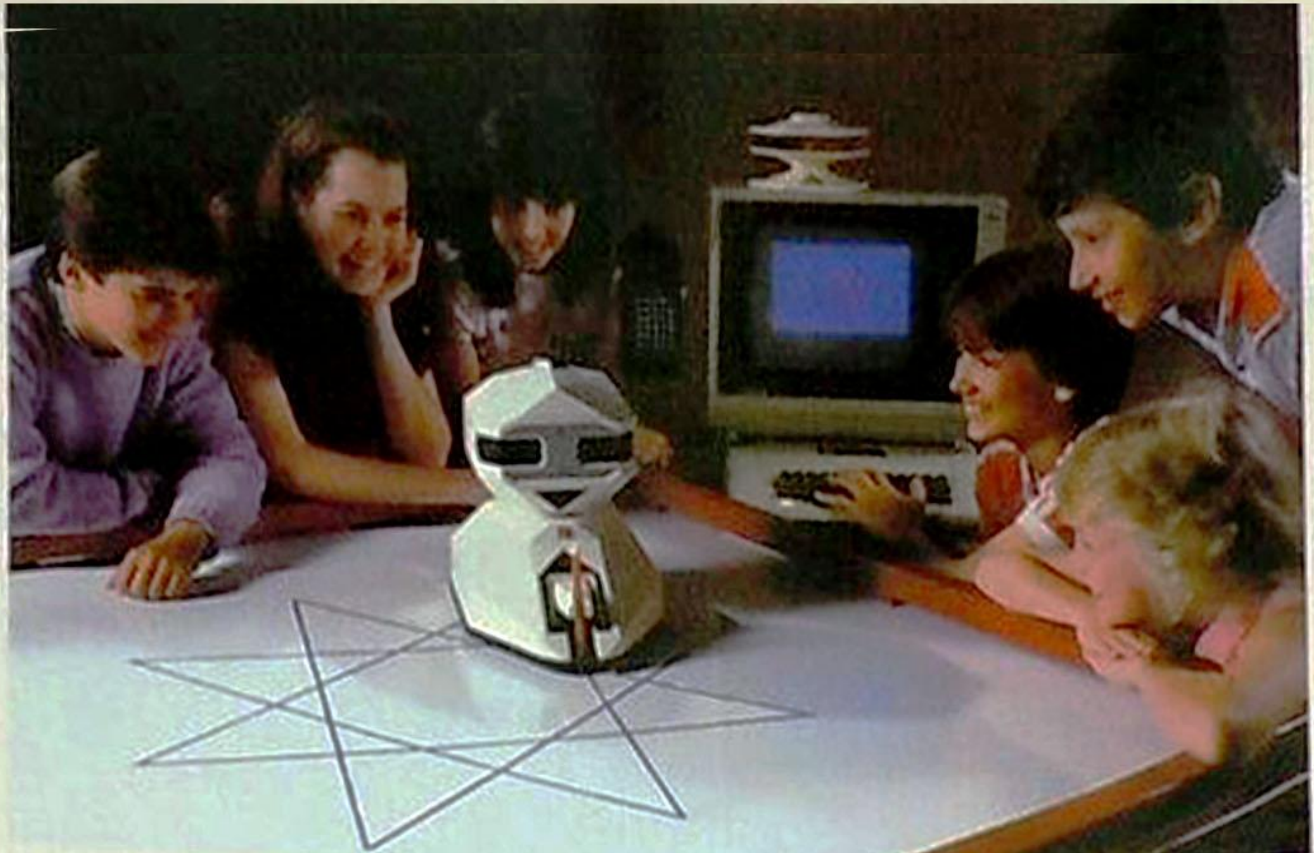## The world's first personal robots—from Androbot.™

Meet F.R.E.D.™
He's a creative extension of your personal computer.

As a junior member of the Androbot family, F.R.E.D. (Friendly Robotic Educational Device) is an educasonal intro-duction to the world of personal robots. His size is small (12 inches), but his abilities are spectacular.

Everything's under control.

F.R.E.D. can be on the go almost anywhere you choose, on the floor or on a table top. And he can be controlled by his portable Remote Infrared Controller or via your personal computer keyboard or joystick. When you use your computer and his software to guide him, he's constantly updating your computer on his progress. An optional "teach mode" lets him remember his travels, and duplicate those moves on command.

F.R.E.D. rolls through life on a heavy-duty wheel assembly, vigilantly watching his step with a set of downward-looking sensors. He's always on the alert for table edges he knows he should avoid.
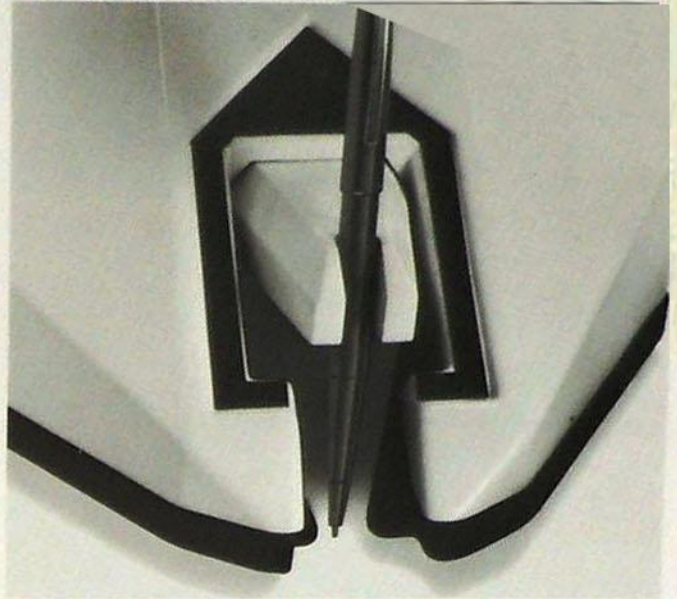
F.R.E.D. Your pen pal.

A drawing pen attachment lets you turn F.R.E.D.'s artistic talent loose. While you create patterns on your computer screen, he'll translate those designs into precise drawings. You can even create posters and banners right from your terminal; just let F.R.E.D. handle the wristwork.

F.R.E.D. comes with a utility wagon and a pen activation arm that will accept future accessories. A voice synthesizer with a 45-word vocabulary gives F.R.E.D. literally hundreds of communications phrases. And he's designed so that new software can be added as it becomes available. You'll wonder how a short Androbot could be so long on talent!

B.O.B. and F.R.E.D.

ANDROBOT™

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F.R.E.D. specifications:

Size: 12 inches high, 14 inches long, 9.5 inches wide.
Weight: 2.5 pounds
Battery requirements: 4 "D" cells, 4 "AA" cells, optional rechargeable battery pack available.
Maximum Velocity: 5 inches per second.
Speech: standard, optionally expandable.
Communications Medium: bi-directional infrared.
Type of Pen: standard Berol or Flair or equivalent.
Range: 40 feet.
Recommended Play Area: 4 foot by 4 foot minimum.
Transmitter Size: 3.5 inches wide, 8.5 inches long, 2.5 inches thick maximum, 4.75 inches high standing.
Computer Interface: Now available for Apple II, II+, IIe and soon for all popular personal computers.
Software: optional packages available.

All product specifications and prices are subject to change without notice. If you wish additional product information, or software development data, your written inquiry to Androbot, Inc. is welcomed.

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