

PUCK™ POINTER

2D Position Control

What is the Puck™ Pointer?

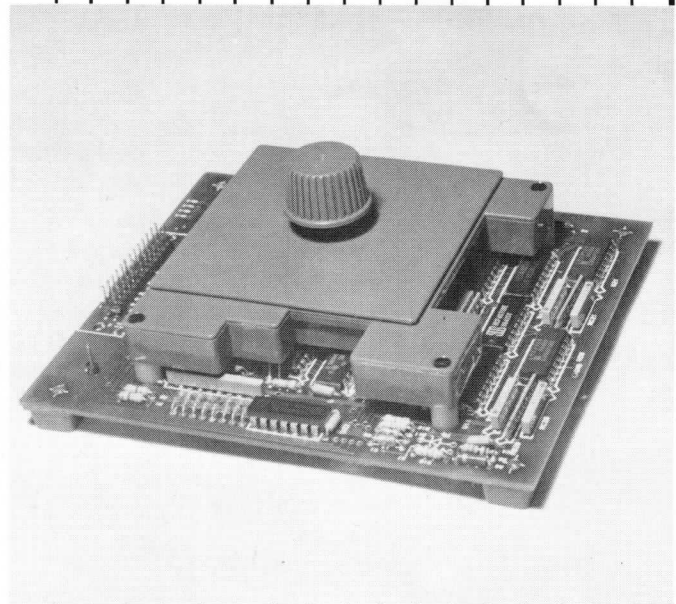
The Puck™ Pointer is a natural, intuitive, point-and-select device that can be integrated into a keyboard. Because of its fully optical design, the Puck™ Pointer is only 0.5" high.

The Puck™ Pointer is the first pointing device that has the promise of becoming an industry standard. That's because it can be integrated into almost any instrument or keyboard — even on portable computers — at a price that is astonishingly low.

Using proprietary technology, the Puck™ Pointer performs all the functions of a pointing device. It is designed for high-volume manufacture and it can be custom-shaped to your needs. The device can be mounted either horizontally or vertically.

Applications for the Puck™ Pointer include:

- Graphics Systems
- Keyboards
- Instrumentation Systems
- Signature Entry Systems



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Applications

Personal Computers
CAD/CAM systems
Home computers
Portable computers
Microprocessor-controlled instrumentation
Computer terminals
Plotters
Signature entry systems
Machine tools
Screen cursor control
Menu selection
Word processing
Spreadsheets
Graphics software packages

Features

Finally, a pointing device that can be integrated into a keyboard. Here's a high-quality pointing device that's so natural and intuitive to use that it becomes an extension of your hand. Best of all, this point-and-select device is easy to integrate into almost any keyboard.

Low Height: Only 0.5".

Construction: fully digital, using optical non-contact technology.

Effective Footprint: Zero. You don't have to increase keyboard size to accommodate the Puck™ Pointer. It can go right where your cursor control or numeric keys are.

Tracking: The Puck™ Pointer automatically tracks in straight horizontal lines for ease of use in word processing, spreadsheet or graphics operations.

Custom Design: The upper portion of the Puck™ Pointer can be customized to meet your size, shape and color requirements.

Long Life: The Puck™ Pointer is built to last for millions of cycles. It is made of high-temperature-resistant plastic and will last longer than standard keyboard keys.

The Puck™ Pointer in High-Resolution Systems

Usable resolutions as high as 4096 x 4096 can be achieved without increasing the size of the device. High resolution is obtained by differential mapping of the Puck™ Pointer's output.

An RS-232-compatible version of the Puck™ Pointer, called the Turbo Puck™, is available for evaluation of these advanced mapping algorithms. The Turbo Puck™ can also emulate mouse and digitizer tablet devices.



Specifications

Basic Puck™ Pointer Component

Resolution:	106 x 106
Switch:	Optical non-contact select switch
Dimensions (see drawing on back page):	Height: 0.5" Length: 3.25" Width: 3.25"

Puck™ Pointer Module (includes driver circuitry)

Input voltage:	5 volts
Output voltage:	5 volts TTL
Resolution:	106 x 106
Output data format:	8-bit parallel tri-state with handshake, compatible with most microcomputer busses. Optical non-contact select switch
Travel distance:	1" in any direction
Power consumption	Less than 0.5 watt

Price List

Puck™ Pointer Component	\$25.00, with discounts up to 50% for large quantities (5,000 up).
Puck™ Pointer Module	\$100.00, with discounts up to 50% for large quantities (1,000 up).
TurboPuck™ (RS-232-compatible)	\$159.59, with volume discounts available.
Note: Optional tracking feature (specify when ordering)	No Charge

Terms

Customers ordering Puck™ Pointer component evaluation units are required to purchase at least one Puck™ Pointer module (which includes driver circuitry).

Minimum order	\$100.00
Minimum purchase order amount for credit-qualified customers	\$250.00
Shipping and handling (per unit)	5.00

Overseas orders under \$2,000 must be prepaid, in U.S. dollars, with a check drawn on a U.S. bank. The shipping and handling charge is \$25 for addresses outside the U.S., Canada and Mexico. Orders over \$2,000 may be prepaid by letter of credit.

Prices and terms effective April 15, 1985, FOB Oakland, CA. Prices and specifications subject to change without notice.



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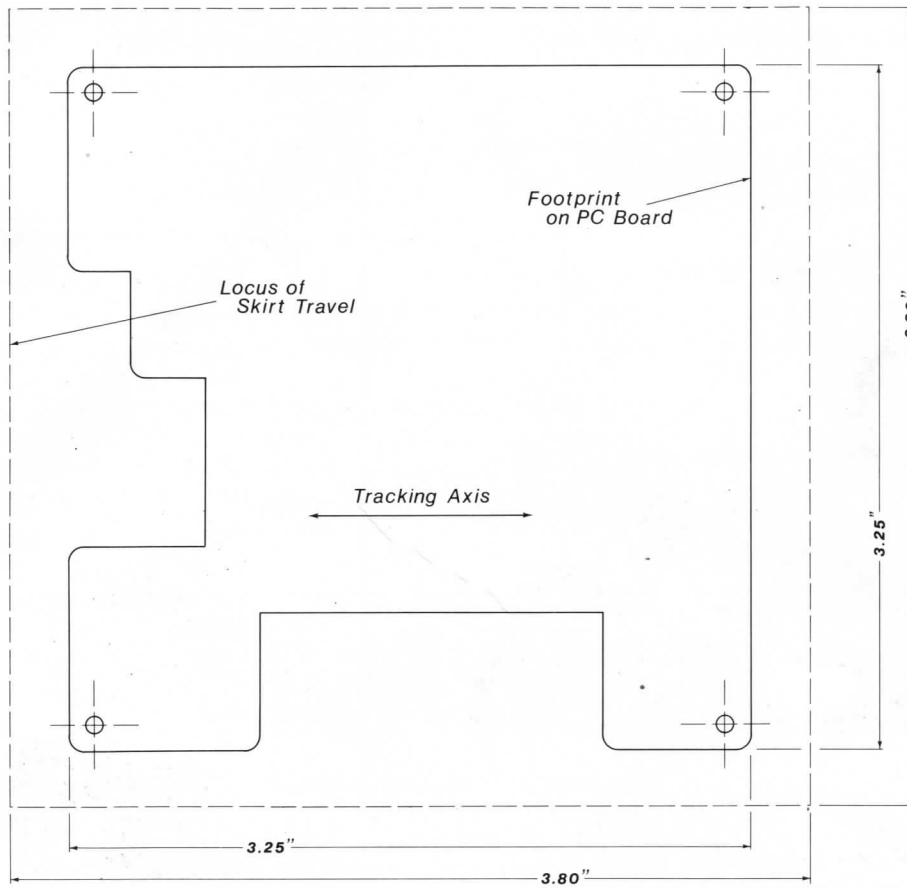
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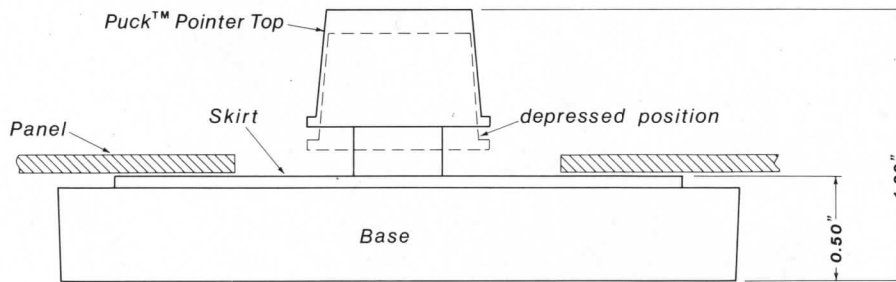


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TOP VIEW



SIDE VIEW



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