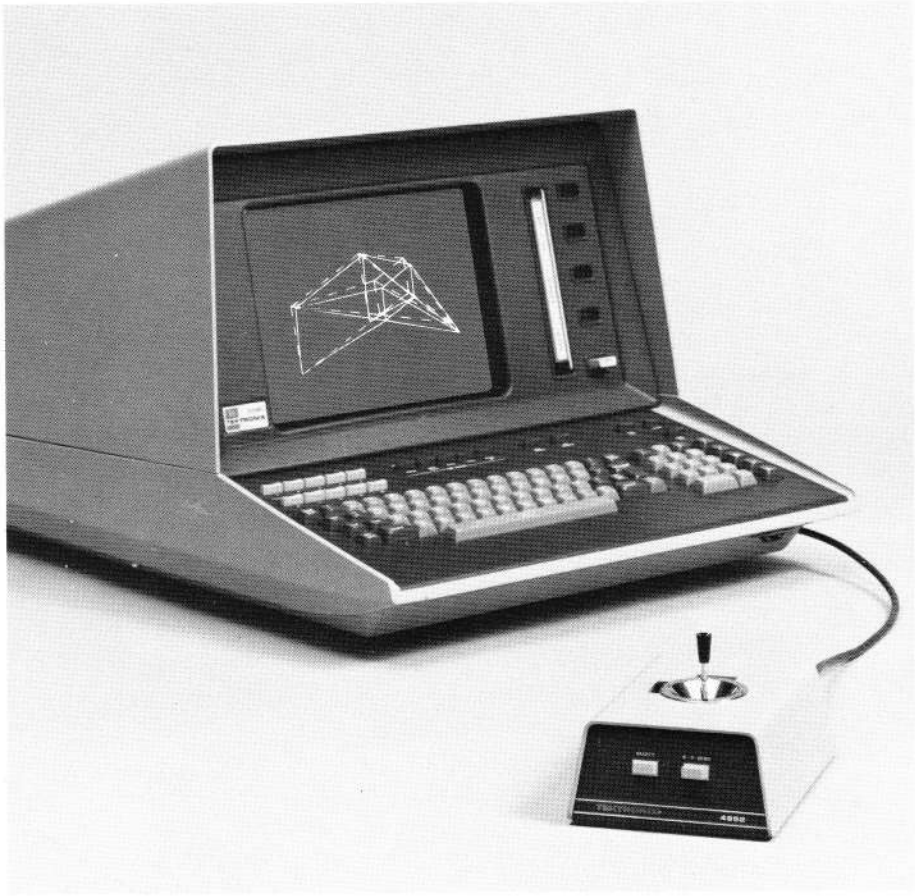
4952/Opt. 2 TEKTRONIX

Compatible with 4051 BASIC Graphic Computing System

Joystick



Put 4051 Graphics at your fingertips. For 4051 users needing increased interactive graphics input power, the 4952 Option 2 Joystick is the last word in fingertip control.

The Joystick is accurate to .1% for exacting input. Its sensitive control of the cursor, activated by the POINTER command, makes it easy to be accurate. It has none of the overshoot or backlash problems which often plague input devices, and which require the user to slowly "rock" a cursor into place. With the 4952 Joystick, you position the cursor the first time, quickly, precisely.

Easy to Use. The 4952 is simplicity itself. Just move the center lever in the direction you want to move the cursor; speed is controlled by the angle or distance of the lever from the center position. And when you want to stop the cursor, simply release the lever to its natural vertical position.

And it's a joy to use because of its stability. You won't have to keep adjusting the 4952; it has less than one addressable point drift. And if ever the need arises, two drift trim tabs let you individually adjust the x and y axes.

The 4952 Joystick lets you move the cross-hair cursor in x-only and/or y-only directions because of mechanical detents which guide the lever along axis lines unless more pressure is applied for freer movement. This gives the perfect combination of free-form and guided direction needed for interactive graphics.

Select Flexibility. The Joystick has several exclusive features which are designed to increase flexibility and ease of use. By entering the BASIC command, POINTER, the 4952 will put the pointer on-screen, allow movement, and return coordinates on any alphanumeric keystroke. An exclusive X-Y zero button on the Joystick control panel immediately returns the cursor to center screen when desired.

We made Joystick operation as easy as possible; but its simplicity doesn't stop here. The 4952 is also easy to install; just plug it in. And its trouble-free circuit board means that maintenance and repair are easy, although seldom needed. The 4952 is the interactive graphic input device you can count on to enhance your 4051 BASIC Graphic Computing System. All for a surprisingly low price, with standard quantity discounts.

Specifications

Joystick. Spring return to center.

Time Drift: Adjustable to less than 1 part in 1024 within a 30-second period.

Trim Tabs: Mechanically rotate the X and Y potentiometers to control drift.

X-Y ZERO: Positions the cursor at center screen.

Dimensions: Lever stands 1.2″ tall (3.0 cm) above body. Body of Joystick is approximately 4.9 inches by 2.35 inches, by 6.8 inches (12.4 cm x 6.0 cm x 7.3 cm).

Weight: Approximately 2 pounds (0.9 kg).

Resolution (X and Y): Within one part in 1024.

4952 Option 2: Includes Joystick and its attached 11½-foot (3.5 m) interconnecting cable interfacing to the 4051 BASIC Graphic Computing System.

Standard Accessory: Instruction Manual.

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