

Digital Doodles

By far the most popular method of pointing to a particular location on the screen is by using a joystick or trackball (see page 56), but these peripherals were never conceived as precision devices. Sophisticated software, however, which manipulates individual dots or pixels on the screen can change the joystick input device, capable of producing clear and accurate graphic representations in large scale drawings. What started as a games peripheral can become a powerful drafting tool.

One such device is the Robo 1000 Bit Stick II or IIe, this relatively inexpensive system (£595) comprises software and purpose-built hardware including a precision joystick that can rotate or be moved horizontally in mainframe-based CAD/CAM (Computer Aided Design/Computer Aided Manufacturing) packages. The software includes the ability to retrieve pre-drawn images from disk storage, and likewise to store one of 16 colours — though of course you will need a colour card in your computer and a colour monitor to achieve this; magnify part of the image left-right and up-down; and incorporate curves and circles. Given that the graphics resolution of a standard Apples well below that of a professional CAD/CAM system, best of all, the operating good and, perhaps, the results are surprisingly instructions are particularly clear and easy to follow.

