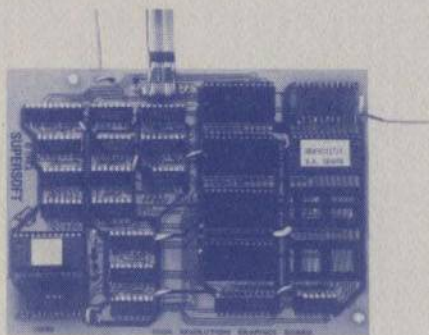


High resolution graphics from £149

When you add high resolution graphics to your PET it's like buying a new computer—but much cheaper! With resolution of 320 by 200 (64,000 individually addressable points) the possibilities are endless—whether you use your computer to teach or design, to monitor experiments or control machinery, to play the stockmarket or to play games. For £149 you get a British-built board with 8k of Ram and GRAPHIX utility software in Eprom that plugs in without the need for any soldering, track-cutting, or other modifications. Three models are available: the HR-40 for small screen machines, the HR-40B for 40-column machines with a 12 inch screen, and the HR-80 for the 8032 and 8096. The high resolution display on an 80-column machine fills the entire screen, but each dot is double-width so that the result is exactly the same as on a 40 column machine.



In addition the GRAPHICS PLUS software developed for the HR-80 PLUS board can now be purchased for use with the HR-40, HR-40B and HR-80 boards. The advanced facilities of GRAPHICS PLUS enable the user to define windows, draw circles, ellipses or arcs, fill any area, pattern simple areas, display text of any size, define objects—and much more. Details of all these programs are included in a separate catalogue of high resolution software which is available on request.

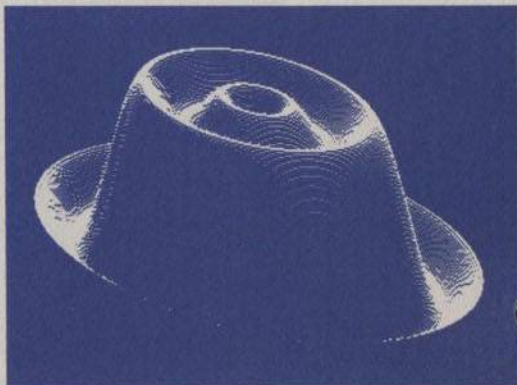
The following organisations produce software for use with SUPERSOFT graphics boards:

Numerical Control Services (0273 420340):
PATH-TRACE (CAD and CNC)

Ortholog (01-952 2459):
OSCILLOSCOPE

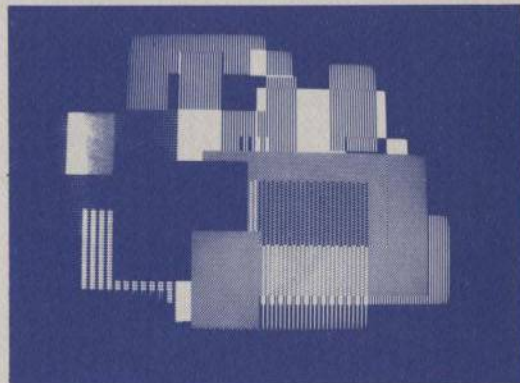
Longmans (0279 26721):
COMPUTERS IN THE CURRICULUM
PROJECT

Digithurst (0223 208926):
MICROSIGHT (object recognition)



The high resolution and normal screens can be turned on or off, and each can be cleared independently of the other. Text can be displayed on the high resolution screen in any position (using your own character set if you wish). While the high resolution screen is not being used the 8k of memory on the board is available for machine code routines or data storage, and although the graphics memory resides in the Rom expansion area you can switch (with a simple command) between the two.

GRAPHIX software allows you to plot points, draw lines, fill simple shapes, clear the screen and so on. A large range of additional software is available including ARTIST, HI-RES FONT, FASTPLOT, HI-RES PLOTTER, GRAPHICS PACK, HI-RES JOYSTICK, QUICKDRAW, SPLINE and GLASS which is an interactive design program to illustrate CAD techniques (based on a commercial application).



New!

640 by 200 dot resolution

The HR-80 PLUS board for 8032 and 8096 computers offers 640 by 200 dot resolution, using 16k of its own Ram divided into two 8k banks. The advanced design offers numerous software selectable display options and implements clearing of the high resolution screen in hardware! Typical configurations are as a single 640 by 200 screen with the standard screen either on or off, or as two overlaid screens of 320 by 200 dots to give a three-dimensional capability. Although the graphics memory maps into the Rom expansion area the UD11 and UD12 sockets are duplicated on board, allowing software selection between Rom and Ram, and the high resolution Ram can be viewed even though the Rom sockets are selected.



Center for Psychobiophysical Research

All HR-80 PLUS boards are supplied with GRAPHICS PLUS software, an advanced machine code utility package which offers over 70 commands in either 640 or 320 mode. The basic package (£229) includes software supplied on tape or disk; however the HR-80 PLUS is also available (at £299) with GRAPHICS PLUS in Rom mounted on a GRAPHICS PAGER. The GRAPHICS PAGER board is similar to the 64k SUPER PAGER but has 2k of Ram and fifteen 4k Rom sockets, three of which are required for the GRAPHICS PLUS software.

Full details of the HR-80 PLUS and GRAPHICS PLUS software are available on request.

STOP PRESS

Owing to circumstances beyond our control the production of GRAPHICS PLUS software has been indefinitely delayed. Please contact Supersoft for the up-to-date position before ordering GRAPHICS PLUS or the HR-80 PLUS. The HR-80 PLUS board is available now, but with temporary software.

Improve the quality of

- statistical charts
- circuit diagrams
- designs and blueprints
- architectural plans
- engineering drawings
- simulations

