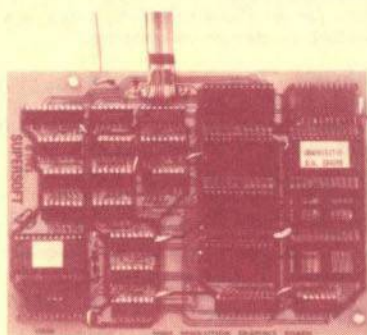
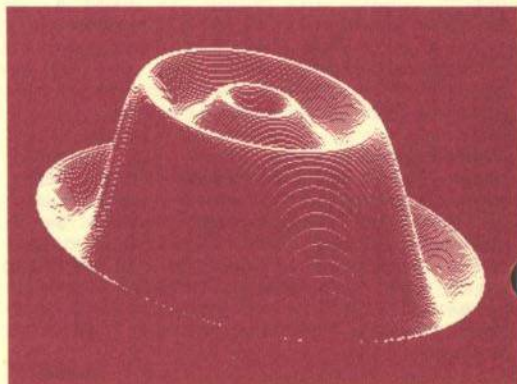


High resolution graphics

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 £169 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.



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).

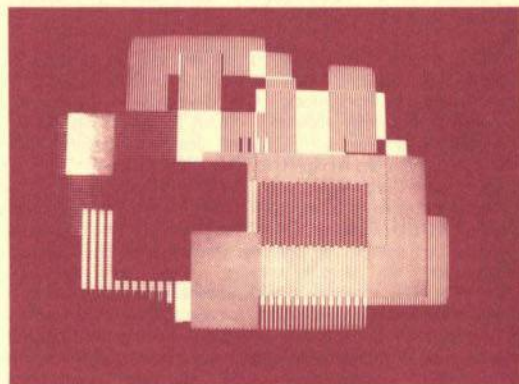
Details of all these programs are included in separate catalogue of high resolution software which is available on request.

HR-40 KIT AVAILABLE FOR ONLY £119

Competent electronic engineers may prefer to buy the HR-40 board in kit form at a reduced price of £119 (which includes GRAPHIX software in Rom). We regret that the HR-40B and HR-80 boards are not available in kit form.

PLEASE NOTE:

The high resolution pictures in this catalogue are unretouched photographs of a PET screen. All of them shown were generated using the standard 320 by 200 resolution boards except for the shot on the front cover of the catalogue. The cover photo shows four pictures displayed simultaneously on the screen of an 8000 series PET fitted with the HR-80 PLUS board.



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

Improve the quality of

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

Each HR-80 PLUS board is supplied with two versions of GRAPHIX software, one for use in 320 by 200 mode, the other for use in 640 by 200 mode. The 640 version does not have commands to display text on the high resolution screen, or to fill areas, but the 320 version is directly compatible with GRAPHIX for the HR-80.

The HR-80 PLUS board costs £229 including GRAPHIX software on disk or tape. For an extra £70 you can buy the GRAPHICS PAGER board, which has 15 sockets for 2k or 4k Roms, plus 2k of Ram, plus both versions of GRAPHIX software in Rom.

SPECIAL EDUCATIONAL OFFER!

High resolution graphics are particularly useful in an educational environment, and until further notice schools, colleges, universities and other bona fide educational establishments can buy the HR-40, HR-40B or HR-80 board from SUPERSOFT and participating dealers for only £149 plus VAT.

