

X/2 - H8

MEMORY BANK SELECT BOARD

for the

H8 COMPUTER

The new X/2-H8 memory bank select card was recently exhibited at the West Coast Computer Faire. This is another in our series of "half boards" for the H8 computer which will plug into either the standard H8 buss or in one of the auxillary "C" connector slots on our T-H90 motherboard for the H8. The half boards are short 5-1/2 in. boards, patterned after the Heath H8 "ORG ZERO" board, which use a special connector and plug backwards into the buss.

The X/2 bank select card enables the H8 computer to use standard memory boards as additional, separate, port-addressable memory. As little as 16K, or as much as 192K, of additional memory may be controlled by the X/2 bank select card. Any amount of memory between these limits, in 4K increments, may also be used. Any type of Heath memory board may be used with the X/2 card. These include Heath 8K and 16K static memory boards as well as Heath and Trionyx 64K dynamic memory boards.

Exclusive software utilities for both HDOS and CP/M are supplied with the X/2 bank select card. Two programs allow the X/2 card to use additional memory as either a quiet, high-speed RAM disk emulator or, instead, as a fully automatic high-speed cache memory to eliminate repeated disk accessing.

The X/2 card may be used with either an 8080 or a Z80 CPU board. A twisted pair memory enable line connects each memory board to the bank select card. This is an excellent way to utilize spare memory boards. The cache memory will greatly save wear on the floppy diskettes. The diskettes will then remain reliable for much longer periods of time.

The X/2 software features a port address set option and the X/2 card has a matching port address selection switch. The "RAM disk" program allows the user to establish a large capacity, high-speed floppy disk drive emulator. The disk emulator adds additional memory to the system. Any amount of memory may be used for this purpose. The cache program, however, requires additional memory in 64K increments, with a 64K minimum of memory required. The new Trionyx M-H8/A 64K memory card has been specifically designed for use with the X/2 bank select card.

The new X/2 memory bank select card for the H8 is in stock and is now shipping. Prices are \$225.00 for an assembled board and \$175.00 for the kit version. Complete instructions and all software utilities are included. This is one of the finest and most useful products for the H8 computer we have ever produced.