**MOVES** PAGE M8

RAM may be moved but not into ROM, and that you may move memory into GRAM but not GROM. You can copy or move memory from ROM or GROM. Also note that any devices that use phony GRAM will not work with MOVES as these devices don't use the

## **Programs**

Line 100 has the type\$ string. | >100 X\$="VV" Line 110 thus uses type\$ 0 VDP| >110 CALL MOVES(X\$,767,1,0) to VDP. 767 bytes are moved. A VDP from-address of 1 and a VDP to-address of 0. Will use a ripple effect of moving all screen bytes over one address.

Line 100 copies entire screen | >100 CALL MOVES("VR",768,0,81 into lower 8K.

Line 110 clears the screen. Line 120 copies entire screen | >120 CALL MOVES("VR",768,0,90 into lower 8K. Line 130 copies from lower 8K to screen, then again. GOTO

makes it an endless loop.

Line 100 sets up loop. Counts | >100 FOR G=-32768 TO 32767 from -32768 to 0 to 32767 or (HEX >8000 to >0000 to >7FFF) Line 110 move GRAM/GROM to VDP. 8 bytes to be moved. GA is counter. 1024 is decimal address of space character in VDP pattern table. Line 120 completes loop.

Loop address VDP Load that 8 bytes into space Loop back

92)

>110 CALL CLEAR 00) >130 CALL MOVES("RV",768,8192 ,0,"RV",768,9000,0) :: GOTO

>110 CALL MOVES("GV",8,G,1024)

| >120 NEXT G

>100 FOR V=0 TO 16384 | >110 CALL MOVES("VV",8,V,1024) >120 NEXT V