

Fitting Instructions

For The Sideways Ram Write Protect Switch
For The BBC MASTER 128 Computer.

1. Disconnect from the mains & remove the case lid.
2. Remove links 'LK18' & 'LK19' and store in a safe place.
3. Locate and push home the Write Protect Board onto link pins LK18 & LK19.
(Most of the board to the left of the pins).
4. Remove the RED & BLACK power leads from PL19 & PL20, then reconnect via the flying RED & BLACK leads from the Write Protect Board.
5. Locate IC.38, connect the YELLOW lead to pin 3 of IC.38.
6. Fit the switches in a convenient place on the case using a 1/4" drill. (The marked end to the top).
The grille on the rear of the computer is ideal.
7. Check all connections are correct and refit the case lid.
8. Test the computer with this short program.

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10 REM write protect switch test
20 REM Ver. 11.01.87
30 MODE 7
40 A%=68
50 X=(USR(&FFF4) AND &FF00)DIV &100
60 IF X<>15 THEN GOTO 250
70 PRINTTAB(7,3)"WRITE PROTECT SWITCH TEST"
80 FOR C=0 TO 255
90   ?&2004=C:$(&2000)="RAM"
100  PRINTTAB(1,5)"CYCLE NUMBER ";C'
110  PROctest("4")
120  PROctest("5")
130  PROctest("6")
140  PROctest("7")
150 NEXT
160 GOTO70
170 DEFPROctest(B$)
180  OSCLI"SRWRITE 2000+5 B000 "+B$
190  OSCLI"SRREAD 2005+5 B000 "+B$
200  PRINT"Rom Socket ";B$;
210  IF $(&2005)="RAM" THEN PRINT" RAM"; ELSE PRINT" ROM";
220  PRINT" Read ";
230  IF ?&2004=?&2009 THEN PRINT"& Write" ELSE PRINT"ONLY "
240 ENDPROC
250 PRINT"Unable to read all banks of RAM"
260 PRINT"Change switches to 'RAM Read/Write' then"
270 PRINT"Press 'CTRL'/'BREAK'"
280 PRINT"Type OLD [RETURN]"
290 PRINT"Type RUN [RETURN]"
300 END
  
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N.B. - If the computer is turned on or a 'CTRL'/'BREAK' is carried out with the write protect switch ON, then the computer assumes that there is NO sideways ram.
In this state errors can occur when '*SRAM' commands are used.

As fitting operations are outside the control of C J E Micro's, no responsibility can be accepted for any consequential damage or loss of data arising from the use of this unit.

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Top

RAM
Read/Write

ROM

RAM
Read Only

Switch Positions

