Modification of the DDM rotator for USB interface.

Uses an FTDI DB9-USB-D5-F Module.

They are available from Farnell and R & S components in the United Kingdom.

Should be available via most large component distributors.

Difference in construction between USB and original RS232 interface.

*NB this mod does not allow the use of LCD displays that need a negative supply for VEE.*

For USB interface, do not install:

R1,R5,R6.R7,R17 and R19,  
  
Socket for IC4  
  
IC4  
  
C8, C10, C12 ,C13,C19 and C20  
  
J3

Install the following

In J3 position fit a FTDI - DB9-USB-D5-F - MODULE, USB TO UART to. Use original holes to secure.

Tinned copper link J3 pin2 to junction of R6 and pin 25 (RC6) of IC2

Tinned copper link J3 pin3 to junction of R7 and pin 26 (RC7) of IC2

All other components fitted as standard.

Make sure your PC has FTDI driver installed

Ensure Link JP1 pin 1 & 2 for positive LCD VEE