

The display for the MicroPAT PLUS has been changed, effective September 2002
The LCD envelope of the new display assembly is thicker.
The pitch of the four mounting holes remains the same.

The corresponding MicroPAT PLUS Frontplate has been changed as follows:
The four clip legs that originally captured the long edges of the display PCB have been deleted.
The four support bosses for the display are taller, to accommodate the increased thickness.
Two of these support bosses now have a screw hole, allowing the display to be secured using two No4 X 8mm self-tapping screws in place of the nylon collars that had been bonded into place.

The display remains compatible with older version of the MicroPAT PLUS and with the older model MPAT60, if the Frontplate is modified per instructions at **2.** below.

1. Where the display is being replaced on a current version of MPAT PLUS, removal and replacement are as follows:

- 1.1. Remove the two retaining screws from the corners of the display PCB and remove the defective display, noting the position of the connection leads.
- 1.2. Locate the new display over two posts and refit the screws. Do not overtighten the screws.

2. Where the newer display is used on an older version of MicroPAT PLUS or MPAT60, removal, modification and replacement are as follows:

- 2.1. Remove the nylon collars from the location posts.
- 2.2. Ease the defective display out of the four clip legs that are an integral part of the Frontplate. Remove the defective display, noting the position of the connecting leads.
- 2.3. Remove (cut off using side cutters) the four clip legs that correspond to the two long edges of the display PCB. (**Use eye protection!** - The clips are liable to fly off when cut).
- 2.4. Additional nylon collars should be used to support the underside of the display PCB, to ensure that the front face of the LCD frame does not foul the back of the Window.
- 2.5. The display should be retained using nylon collars bonded onto the location posts, as before.