Claims

1. A display unit comprising one or more display panels and a peripheral frame in which the one or more display panels are mounted and by which the one or more display panels are supported, wherein the peripheral frame comprises a plurality of straight extruded sections and a plurality of corner sections linking the straight extruded sections together to form the peripheral frame, each straight extruded section having a substantially solid body defining a substantially flat and inflexible inward facing surface, in which surface a plurality of transversely spaced extruded channels are formed running longitudinally in a length direction of the straight extruded section, each channel in profile having a narrow neck portion and a wider main portion below the neck portion, the display unit further comprising a plurality of channel engaging members each arranged to be slotted into any one of the extruded channels to permit each channel engaging members to be placed in any desired transversely spaced channel and to slide along that channel to a desired longitudinal position, to anchor a mounting for a component of the display unit against the substantially flat and inflexible inward facing surface at one or more transverse locations.

2. The display unit as claimed in claim 1 wherein a transverse profile of each straight extruded section is symmetrical about a longitudinal central plane of the extruded section.

3. The display unit as claimed in claim 1 wherein adjacent extruded channels in the inward facing surface are equally spaced.

4. The display unit as claimed in claim 1 wherein each straight extruded section has a substantially U-shaped cross sectional profile, with a substantially flat base portion and two side portions.

5. The display unit as claimed in claim 1 wherein at least the inner face of at least one side portion has at least one channel therein.

6. The display unit as claimed in claim 1 wherein each corner section has a cross sectional profile having channels corresponding to the channels in the straight extruded sections, which channels are in register with the channels in the straight extruded sections when the peripheral frame is assembled.

7. The display unit as claimed in claim 1 further comprising at least one dowel engaging at least one said of straight extruded sections and an adjacent one of said corner sections.

8. The display unit as claimed in claim 1 wherein the straight extruded sections and corner sections in cross section have a plurality of corresponding sets of holes for receiving respective dowels when the peripheral frame is assembled.

9. The display unit as claimed in claim 1 wherein the channel engaging members are T-slot nuts.

10. The display unit as claimed in claim 1 wherein the plurality of straight extruded sections and the plurality of corner sections are metal.

11. The display unit as claimed in claim 1 wherein the peripheral frame comprises four right angled corner sections and four extruded straight sections.

12. The display unit as claimed in claim 1 wherein the unit comprises at least one planar section with parallel front and rear faces, wherein the peripheral frame forms a continuous edge around the planar section.

13. The display unit as claimed in claim 10 wherein the unit comprises at least two planar sections are angled relative to each other and wherein the peripheral frame is continuous about all planar sections of the at least two planar sections.

14. The display unit as claimed in claim 13 comprising two adjacent straight extruded sections of the peripheral frame which are mitred where the two respective planar sections meet.

15. The display unit as claimed in claim 1 comprising a plurality of components of different types to be housed in and supported by said peripheral frame and a plurality of different types of mounting arranged to engage with the channel engaging members in appropriate channels and at appropriate portions along the channels to permit the different component types to be correctly located.

16. The display unit as claimed in claim 1 further comprising a plurality of internal frame members for supporting the one or more display panels within the peripheral frame, each internal frame member being arranged to be supported by and retained in place by the peripheral frame and arranged to engage, via appropriate mounting, with the channels in the peripheral frame.

17. The display unit as claimed in claim 16 wherein the internal frame members are extruded and have extruded channels having the same cross section profile as the extruded channels in the straight extruded sections of the peripheral frame.

18. The display unit as claimed in claim 1 comprising a plurality of different types of components to be mounted in the display unit and a plurality of identical mountings arranged to engage with the channel engaging members to provide mounting for respective ones of the plurality of different types of components.