

connected to the tiny character-

shaped casting that made the

impression on the paper. This imposed constraints on the

layout of the keyboard, for it

was essential to keep commonly

used keys separated so that the

bars that carried the characters

would not clash. Though this s no longer necessary, we still retain the familiar QWERTY layout. Keyboards such as the Maltron, which places keys according to their frequency of ... use, have not proved popular

the original!

Finally, if your interests extend to simple carpentry, you might consider constructing a purpose-built workstation, with the keyboard recessed into the worktop and the television set or monitor conveniently angled. Commercial versions of the workstation usually provide additional space for mass storage (disk or cassette drives) on shelves located under the worktop, and allow all the leads to be hidden away. Ergonomics is basically applied common sense, but a little thought will be repaid by a significant reduction in backache and eyestrain.

working with menu-driven software. You might care to attempt an inexpensive version of this using a joystick or trackball, and gauge for yourself the benefits. Of course, you will need to write some small programs to work with, but by using PEEK and POKE within the confines of screen memory this is not a difficult task.

Alternatively, if your computer allows you to re-specify the value for any particular key, you might care to rearrange the keyboard, sticking labels over the keys to indicate their new values. In this case it is perhaps easiest to PEEK the value of the eight bytes that make up the character into an array with eight variables, change the values within the array, and then POKE them back again. You could POKE the eight bytes that make up the character straight into the space allocated for the character that you wish to replace, but if you use this method remember to save the first set of values in a temporary array and then move each character to its new position in order. Save the



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