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Dear Sir,

Please find herewith some additions to the MK14 manual - better late than never we hope. We would like to take this opportunity of keeping you up to date with developments concerning the MK14.

For some time now we have been supplying a cassette interface which we find can be used reliably at 110 baud and has been used quite effectively for transmitting programmes over the telephone. The prom programmer has at last seen the light of day and should help many people who want to use the MK14 in specific control applications. Incidentally we do offer a prom setting facility for those who are sufficiently confident to provide us with a listing of their requirement: we will blow proms for £5.00 plus the price of the blanks.

We introduced a V.D.U. interface at a recent exhibition which plugs into the aerial socket of any UHF 625 line television and gives a bit-mapped display of 512 bytes i.e. 64 x 64 bits, which can be used very simply to do all sorts of graphics and visual games. The unit allows for the option of a character generator which gives the full ascii character set and the screen can display 16 by 32 characters.

The revised monitor proms are now issued as standard and another monitor is available for those who wish to link the MK14 to a teletype terminal.

A neat portable mains power supply in a BS approved plastic case is now available.

In the pipeline and in order of likely appearance are the following:

2K memory extension card, instructions exist for the adjustment of Issue 1, 2 and 4 boards to accept this and issue 5 boards are already capable of expansion.

16 way A to D converter card, this board will have great usefulness in laboratory and industrial monitoring processes where many analogue signals have to be watched simultaneously.

Advanced calculator interface card, this card when linked to the MK14 will provide powerful number processing and calculating ability, the board will provide the option of linking to a scientific, statistical, financial, memory or programmable calculator.

Basic language board, this board will only be reasonably used in conjunction with the V.D.U. and the 40 way keyboard described next.

The language is a 4K basic known as NIBL, a language particularly useful when programming for industrial applications.

40 way keyboard, this is to be run directly from the 14 way edge connector on the side of the MK14, a new monitor is provided which tells the processor to recognise and respond to all 40 ways that the present 4 x 10 matrix can allow. Forty keys can provide all the alpha numeric characters.

Some of these will not appear until March next year, but we hope to bring out the V.D.U. in January at which time we are publishing a book called Programming with the MK14, a highly detailed guide to programming which will cover programming for control applications and will have sections concerning the above mentioned peripherals.

Whilst no-one pretends that the MK14 is going to compete with a full scale computer we hope that through the addition of various low cost options it will continue to provide valuable and entertaining experience.

Yours faithfully,

C. J. Curry

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for SCIENCE OF CAMBRIDGE

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