

JAYCAR

Robot Turtle Hebot 11

NEW

The HEBOT 11 turtle is not just a fun device, it is a positive aid to education, it takes programming out into the real 3 dimensional world instead of the flat two dimensional world of the VDU. When connected to the I/O ports of your computer and given a DC supply of 9-15V the turtle runs around under computer control moving forwards, backwards, right and left with independent control of each wheel, it has blinking eyes, will beep with a choice of two tones and when ordered by the computer, presses down a pen to chart its progress and provide hard copy of the results of the program. When set free to run around the turtle discovers its environment. When the turtles shell bumps into an unmovable obstacle touch sensors send back data to the computer for it to calculate evasive or exploratory action. If the computer has no I/O ports it doubtless has an expansion bus and the turtle can be controlled and listened to using this bus together with the universal computer interface board. This board enables the turtle to be treated as a memory mapped I/O device.

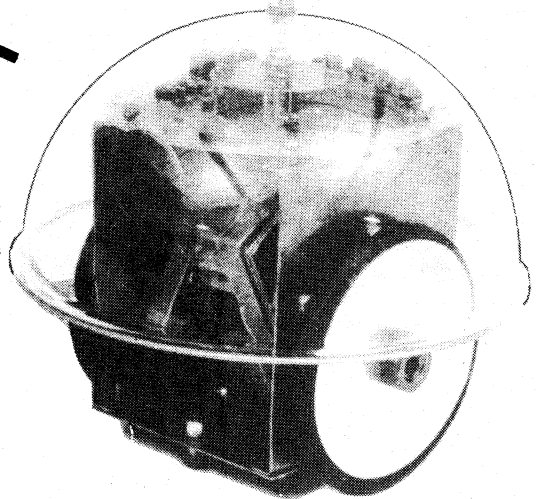
COMPLETE "HEBOT II" KIT INCLUDING ALL HARDWARE, DOME, WHEELS etc. Cat. XR1020

\$399 inc tax

Brand new

UNIVERSAL INTERFACE CARD KIT Cat. XR1022

\$39.50



16 BIT COLOUR COMPUTER KIT

NEW



At last a high quality 16 BIT micro (mini?) Computer Kit is available in Australia. This extremely powerful machine is based on the Texas TMS9995 processor. We simply do not have room to list all of the features of this machine. A few:

- High speed 24K byte extended basic interpreter
- 48 bit floating point gives 11 digit accuracy
- High resolution (256 x 192) colour graphics
- Screen memory does not use up user memory space
- 16 colours available on the screen together in Graphic mode
- Fast line drawing and point plotting basic commands
- High speed colour shape manipulation from basic
- Full textual error messages
- String and Array size limited only by memory size
- Real time clock included in basic
- Interval timing with 10mS resolution via TIC function
- Named load and save of basic or machine code programs
- Auto run available for any program
- Powerful machine code monitor
- Assembler and Disassembler included as standard
- Auto line numbering facility
- Full renumber command
- Simple but powerful line editor
- Buffered I/O allows you to continue executing the program while still printing
- Flexible CALL statement allows linkage to machine code routines with up to 12 parameters
- Basic programs may contain spaces between key words to make programs readable without using more memory
- Over 34K bytes available for basic programs even when extended basic includes IF: THEN: ELSE
- Supports up to 16 output devices: Screen and cassette included as standard
- Supports bit manipulation of variables from basic
- Error trapping to a basic routine included
- Basic supports Hexadecimal numbers
- Includes UHF modulator, tape interface and power supply with extra capacity for extra interfaces

If you want to know more about this machine send SAE for more details. (Disc drives NOT included)

COMPLETE KIT INCLUDING METALWORK

Cat. KJ3660

\$1299

Low Cost Super Value

RS-232 INTERFACE

Cat. KJ6631

\$49.50

FM Transmitter Module **NEW**

We have been working on this one for years!! Basically we wanted something akin to the \$6.50 kit "wireless microphone" transmitter but with greater signal strength and far, far greater frequency stability.

WE NOW HAVE IT!

Basically the (potted) unit measures a small 90 x 22 x 15mm and has connections for power, antenna and input. An AC signal between 20 and 15kHz will modulate the transmitter. The signal can be coded single or multiple frequency tone bursts etc.

FEATURES

- Ultra low noise output (-60dB or better attainable with a suitable tuner)
- Excellent frequency stability
- Not a kit - ready for immediate use
- Connections required:
 - (a) Power supply or battery
 - (b) Antenna
 - (c) Audio input
- Full instructions supplied
- Suits any application where a stable low noise FM link is required

SPECIFICATIONS

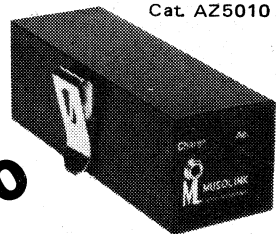
- Frequency - 88 - 108MHz adjustable
- Useable range - 50 metres
- Supply - 6 to 9V at 20mA
- Input sensitivity - adjustable - maximum 30mV
- Pre-emphasis - 50µs second standard
- Dimensions - 90 x 22 x 15mm (approx)

\$49.95

Cat. DT5450

WIRELESS GUITAR LINK

SAVE \$50



Cat. AZ5010

We have made a SCOOP PURCHASE of the MUSOLINK FM Wireless system. The MUSOLINK enables a guitarist (for example) to operate live without trailing cables. This low cost system transmits a rock steady signal to any commercial FM tuner. The signal is restricted to the largely unused low end of the 88 - 108MHz FM band. Many MUSOLINKS can be used in, say, 1MHz of FM band width as they have excellent frequency stability. Normally this unit sells for \$149 but we have bulk purchased and now pass on great savings!!

NOW \$99 LIMITED STOCK NEW LOW PRICE

BACK AGAIN! ULTRA VIOLET LAMPS

\$3.95

Ultra violet lamps - New "Mini Flood" design. Powerful 100 watt rating. Standard domestic bayonet fitting. Cat. SL2680

CMOS SENSATION

Huge scoop buy of the scarce 4026AE device means that you save! For years the 4026 decade counter/7 segment decoder driver has been one of the most difficult parts to obtain. Jaycar has made a scoop purchase of this device in the "AE" form (we are not certain that it was ever made as a "B" suffix device). It has been largely replaced by the 4426 (which is not an exact equivalent). The 4426 sells for \$2.20 and so does the 4026 when it is available but for JULY only the 4026 price has been slashed. Cat. ZC4026. Prices INCLUDES sales tax. 1 - \$1.50 each 10 - \$1.25 each 100+ ONLY 99 cents each



SEE JAYCARS OTHER ADS FOR ADDRESS DETAILS