

INTERNATIONAL TI-LINES

Volume 3, Issue 6

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My Dad's
what you
might call
a colourful
character



He goes red,
then blue,
then green



Usually when
I hide my
rusk in his
precious
disk drive...



Spike

Formerly OXON TI USERS

A PUBLICATION
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Workshop success. Bye-bye BT. New Horizons going well.	
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ADVERT



ANNOUNCING MYARC'S 640K RAM

GENEVE t.m.

MODEL 9640 FAMILY COMPUTER

This unit is without a doubt the most sophisticated machine ever offered in the family and small business area to date. With over a year of design and development, including input from more than one hundred users, this machine has surpassed even our own expectations. Take a moment to review some of the many features that place this computer in a class of its own.

- * 99/4(A) COMPATIBLE
RUNS OVER 100 EXISTING
TI CARTRIDGE PROGRAMS

- * TI-WRITER NOW A FULL
80 COLUMNS

- * 99/4(A) COMPATIBLE
RUNS OVER 95% OF ALL
ASSEMBLY LANGUAGE
PROGRAMS & UTILITIES

- * MULTIPLAN ALSO 80 COLUMNS

LARGER

Standard 640K RAM
2 MEGABYTES Addressable RAM
MYARC Memory Card Compatible
With MYARC 512K Card,
Supplies 1.1 MEGABYTES RAM
IBM TYPE KEYBOARD Included

FASTER

At Least 2 - 3 Times

PHONE TYPE CABLE

Replaces Old Hex Bus Cable

MOUSE SUPPORT

- *****
- Separated Function Keys
 - Incredible Graphics Capabilities
 - Basic 3.0
 - Composite Video Output
 - RGB Output
 - 128K VDP RAM Memory
 - 40 Column Display
 - 80 Column Display
 - Mouse Output Port
 - Joystick Port
 - Sound Compatible & Expandable
 - Speech Included
- Compatible with Existing Peripheral Cards*
Disk Controllers* (MYARC, TI, Corcomp)
RS232 Cards* (MYARC, TI, Corcomp)
MYARC Memory Expansion Cards Add Directly to RAM (modification required)
 - True Hardware Utilities
Sprites, Fills, Lines, Data Moves
 - TI 9995 Processor Chip - 12 MHz
256 Bytes ULTRA High Speed on Chip RAM
Pre-fetch on Instructions
Post-store on Instructions
 - More RAM Memory than any machine in its price class

For further information, contact your nearest dealer.

If unknown, contact MYARC (201) 766-1700 for dealer information.

DATACHAT 1223 KEEPS YOUR MICRO IN TOUCH

Get yourself and your micro into the data communications age with the new GEC Datachat 1223 modem.

Datachat gives you access to a huge amount of information held on databases such as Prestel and Microtel 802. It lets you communicate through electronic mail systems like Telemail Gold and join in bulletin board conversations right across the country.

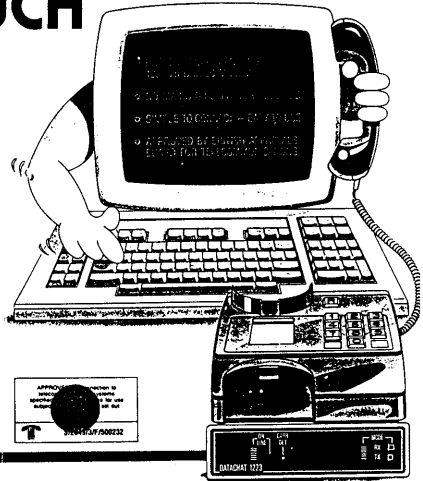
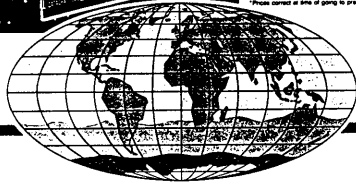
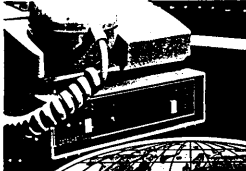
It means you can order and keep programs directly with other micro users. And it allows you to control your bank account, pay bills and check statements, as well as ordering and placing for goods through electronic shopping systems. The Datachat 1223 simply connects between your computer and telephone socket. It turns your micro into an information retrieval system, an interactive communications terminal, a finance management centre, an ordering computer for a wide range of goods and services, and a great deal more besides.

Datachat is cheap to use. 100 Off-peak local calls can cost as little as 40p an hour*.

And because Datachat 1223 is powered from the telephone line, there's no mains supply or batteries to buy for.

Designed and manufactured in the United Kingdom to professional standards by GEC Telecommunications Limited, Datachat 1223 is ideal for both business and home users. In technical terms, it's compatible with the international CCITT V.23 standard, providing 75,000 baud communication. And it's fully approved by the British Approvals Board for Telecommunications.

Your dealer will be able to tell you whether your computer is compatible with Datachat 1223, and if you'll need any communications software. So go along and talk to your dealer soon, and get into the data communications age. *Prices correct at time of going to press.



Microtel 802 is the trading style of Telemail Limited and British Telecommunications plc. Prestel and Telemail Gold are registered trademarks of British Telecommunications plc.

PUT YOUR MICRO ON THE PHONE



SBC
DATACHAT
MODEM
1223

DATACHAT 1223 is a GEC Trade Mark

SPECIFICATION

Modem 1223	
Line Interface	A standard BT '300 series' wall socket
CONNECTOR — type	Line powered. Line current is provided by a standard telephone line
Power	
Data Rates	Transmit 1200 bits
TRANSMIT MODE —	Receive 75 bits
TRANSMIT MODE —	Transmit 75 bits
RECEIVE MODE —	Receive 1200 bits
	In accordance with CCITT recommendation V.23
	1200/1200 baud pseudo full duplex is possible under control of the terminal software
Data Interface	In accordance with CCITT recommendation V.24 and RS 232C
CONNECTOR — type	5-pin 250V DIN connector
	— pin connections
	CCITT DESIGNATION RS 232 DESIGNATION PIN NUMBER
	— common return (GND) 102 AB 3
	— transmitted data (Tx D) 103 BA 1
	— received data (Rx D) 104 BB 5
	— request to send (RTS) 105 CA 2
	— data channel received line signal detector (DCD) 109 CF 4
Transmitter	Asynchronous frequency shift keyed modulator (FSK)
FORMAT	— 9 dBm maximum into 800 ohms
LEVEL	
Receiver	Asynchronous frequency shift keyed demodulator (FSK)
FORMAT	0 to -43 dBm in any mode
SENSITIVITY	
Frequency Allocation	Binary 0 2100 Hz # 0 — 1200 baud
	Binary 1 1200 Hz # 1 — 1200 Hz
	Binary 0 450 Hz # 0 — 75 bits
	Binary 1 390 Hz # 1 — 75 bits
Data Channel Received Line Signal Detector	ON # > -43 dBm
	OFF # < -48 dBm
Software Mode Control	ON transmit mode
REQUEST TO SEND	OFF receive mode
Dimensions	140mm wide, 210mm deep, 45mm high
Weight	0.8 kg approximately
NO PATENT APPLIC. NO. 800600	
SBC DATACHAT 1223	
Modem Designation: British Telecommunications Limited, (G) Box 53, Coventry CV2 1HU Telephone: Coventry (0323) 444511 Telex: 31381 GBCITE (G) Fax: (0323) 444418	



