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## **Technical Application Product Engineering**

1439 SOLANO PL., ONTARIO CA. 91764 (714) 989-9906

## GOOD NEWS FOR TI/994A OWNERS

At last some intelligent products at reasonable prices are available, products which tremedously expand the capabilities of the TI/994A.

Designed and produced by MECHATRONIC GmBH of Germany, the TI/994a owner can produce high resolution graphics in extended basic using the 60 additional commands built into their EXTENDED BASIC II Plus cartridge, use all the power of a true 128k card, with automatic bank-swithching, available either as an internal P/Box card or as a plug-in module with built in centronics and full print spool functions.

Also, their "GRAM-KARTE" allows the user to transfer the contents of any cartridge to disk and to reload onto the card the contents of up to six cartridges, which are then menu-accessed. Up to three "GRAM-KARTES" can be installed in your P-Box, and each, at 128k, significantly increases the power of your system. Imagine having eighteen cartridges accessible from a common menu at any time.

In addition to these products, a true "MOUSE", with PC-like screen ikon graphics, an EPROMMER, the 2.8 floppy "QUICK-DISC" as well as some highly developed software also offered. Initially, these products will be offered at reduced prices, based upon the suspected demand, are subject to increases in the near future.

For additional detailed information, contact T.A.P.E. Ltd, at the address show above.

## SPECIAL INTRODUCTORY PRICES

128 K INTERNAL RAM CARD (JAN 86) .....\$159.95 128 K PLUG-IN WITH CENTRONICS PRINT SPOOLER....\$149.95 MOUSE WITH IKON SCREEN GRAPHICS (JAN 86).....\$98.00 EPROMMER (JAN 86)....\$129.50 128K GRAM CARD (JAN 86)....\$249.50 2.8 FLOPPY QUIK DISC DRIVE (MAR 86)....\$199.95 80 COLUMN UPGRADE CARD (MAR 86).....\$199.95 80 COLUMN UPGRADE CARD (MAR 86).....\$199.95 TI/994A INTERN, "THE OPERATING SYSTEM OF THE TI/994A, WITH ROM, GROM AND GPL LISTINGS.....\$17.95

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The "GRAM-KARTE" is inserted in the TI-P-Box leaving your module port open for any other modules you may want to plug in.

The "GRAM-KARTE" has a total of 128K bytes of RAM of which 64K can be used as GRAM. The remaining 64K of the "KARTE" are normal RAM and can be switched from the TI-99/4A through the ADDRESSES 6000 to 7 FFF in 16 different ways by means of bank switching. The RAM also can be used for additional GRAM by special manipulation.

With the GPL-Assembler, the "GRAM-KARTE" is used for developing your own modules. The built-in software enables you to load any modules into "GRAM-KARTE". You can change the program to your liking: from terminal printer to PIO or RS232, or from cassette to disk. Then save the program to disk. You do not have to plug in any more modules because you can select all the programs through the menu displayed on the screen.

You have the option of loading into the "GRAM-KARTE" as many as six modules with which to work by using special hardware. If this is not enough, increase your options by inserting up to three "GRAM-KARTES" in your TI-P-Box. The PAM disk can be programed from any modules or from TI-BASIC.

If you were frustrated with only 12K RAM in TI-BASIC, it is no longer a problem. With the "KARTE" in your TI-P-Box, you can transpose your BASIC programs into a module and still have 12K RAM available to you for variables.

The 128K-BYTE "GRAM-KARTE" is a product of Electronik Services and TI-99/4A specialist Heiner Martin, author of the book, <u>The Operating</u>

## System of the TI-99/4A ROM and GROM Listing With Commentary and Directions for GPL.

The "GRAM-KARTE" is fully compatible with TI and CORCOMP controllers

The TI-99/4A Operating System Mechatronic Extended BASIC II plus "GRAM-KARTE" are available through your local dealer or direct from: T A P E Ltd.

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