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## CECURE TAKES OVER MIDI MASTER 99

As reported in the April 1993 issue of  
Micro Pendium---

In a move that should please TI users, Cecure Electronics has taken over distribution of Mike Maksimik's MIDI-Master, according to Don Walden of the company. Maksimik had previously announced that he would limit his distribution of MIDI-Master to TI Faires. By giving the distribution rights to Cecure, Maksimik insures that the product will be available through more accessible mail-order channels.

Cecure can be reached at P.O. Box  
132, Muskego, WI 53150-0132.

Phone: (414)-679-4343

BBS: (414)-529-9659

## CRYSTAL SOFTWARE ANNOUNCEMENT By Mike Maksimik

Work continues on MIDI Master  
v3.0; however, standard 32k architecture



will not be supported. After consulting with my brother on this, I have decided that version 3.0 will only be available as 3.0G and the prior versions of 3.0E and 3.0EX. There will not be any 3.0S! The minimum system memory requirements are 128k.

The best way to cope with this is to have a RAMBO installed on your ramdisk and allocate 128k for programs. Or purchase the Horizon 4000 Ramdisk. I appologize to version 2.3 owners who anticipated a miracle for their 32k 90k disk systems, but the project is unrealistically being held because of consitant memory problems.

To avoid conflicts with this issue, I will extend a full refund to all owners of v2.3 who are not willing to upgrade, and who are completely dissatisfied with MM99 v2.3. Only registered owners of the software will be given a full refund.

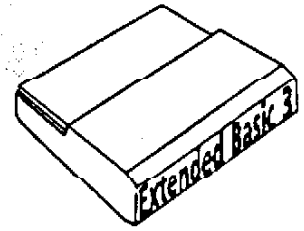
If you do not wish a refund, but would rather upgrade, please note: to run version 3.0E you will need a TI with 32k memory card, 128k RAMBO compatible memory expansion, a double sided disk system ( NOT two single sided drives!!!) and an rs232 port. **THERE ARE NO EXCEPTIONS TO THESE SPECIFICATIONS. THE ASGARD AMS WILL NOT BE SUPPORTED!!!** To run

version 3.0EX you will need the above, plus an 80 column adaptor with 192k video RAM, a serial mouse, and a DSDD controller (hard disk preferred, but not required). Version 3.0G will require a Geneve with a hard disk system. There is no exception to this rule, either. There is more than 1.5 meg of files in the 3.0G package. Running from floppy is too slow.

You can still operate under v 2.3, as 3.0 will export SNF files to disk, allowing you to still play music generated by version 3.0.



# Extended BASIC 3



By Winfried Winkler

*Extended BASIC 3™* is the only Extended BASIC that offer a range of new capabilities for programmers and also allows program users to run virtually all of their Extended BASIC software faster and more reliably.

Not only is *Extended BASIC 3™* a major enhancement over the original - it also uses an exciting new technology that allows us to put 256K of programs and cartridges in a single module. This amazing module includes:

- The *Extended BASIC 3™* cartridge
- The full TE2 cartridge - allowing you to use text-to-speech capabilities within your *Extended BASIC 3™* programs without loading utilities
- A complete *Editor/Assembler* cartridge - with the Editor and the Assembler programs
- The *TI-Writer* cartridge with an enhanced Editor and Formatter
- Finally, A range of utilities such as a disk manager, *Mass Transfer* and *Remind Me!*.

With an *Extended BASIC 3* module plugged in you may never have to change cartridges again. Everything you need is built into a single cartridge - and available from a menu.

*Extended BASIC 3* is the most exciting enhancement to the TI-99/4A in years - we are so confident you will agree that it even carries a money-back guarantee.

**\$99.95** U.S. Add \$2.50 S&H  
Canada Add \$3.00 S&H  
Airmail Add \$7.00 S&H

There are literally thousands of programs written in Extended BASIC - more programs than in any other language. Despite the popularity of the language, the most common version in use is still *TI Extended BASIC™* - 11 years after its introduction. Other versions have been released over the years, but they were either incompatible with the standard, or were geared towards programmers, and didn't offer anything to program users.

*Extended BASIC 3™*, by Winfried Winkler, is a new kind of Extended BASIC for the TI-99/4A. Like other enhanced versions, it offers a range of new functions and commands for programmers. Unlike other Extended BASICs, it also offers improvements at the very core of the language. By spending 3 years to re-write every part of Extended BASIC, *Extended BASIC 3™* is the only Extended BASIC that at all at once:

- Runs existing programs 25-50% faster than they run in *TI Extended BASIC™*.
- Eliminates bugs in the original that make Extended BASIC sometimes unreliable - and are found in every other Extended BASIC - including *TI Extended BASIC™*
- Is compatible with virtually all *TI Extended BASIC™* software - everything from games to libraries of Assembly routines for programmers.

*Includes extensive documentation*  
*Requires 32K or more memory. A disk system is recommended.*

*TI Extended BASIC* is a trademark of Texas Instruments Inc.  
*Extended BASIC 3* is a trademark of Asgard Software  
© 1993 All Rights Reserved  
Don't you hate trying to read fine print?

**Asgard Software**  
1423 Flagship Dr. • Woodbridge, VA 22192

## News Release:

# EXTENDED BASIC III

While there have been many revisions to TI Extended BASIC over the years, none is so extensive or fundamental as *Extended BASIC III* by Winfried Winkler.

Rewritten and revised in the native language of Extended BASIC, CPL, *XB3* features substantial improvements in the language itself, not just added calls and functions. Unlike other Extended BASIC's, this one offers tangible benefits to people who are casual XB users, as well as the hardcore programmers. Why? Because this version of Extended BASIC is the only one that will run your entire library of Extended BASIC programs, without modification, up to 50% faster than the original version of TI Extended BASIC. Unlike *Myarc Extended BASIC™* - this version of Extended BASIC is 100% compatible with all TI Extended BASIC programs and add-on utilities.

Additionally, bugs that cause other Extended BASICs to occasionally crash (and the infamous graphics screen show that, while interesting, certainly didn't help your programs) have been eliminated. *XB3* is rock-solid and dependable - great for anyone running programs for hours or days at a time (BBS', etc.).

If you are interested in writing new programs, *XB3* offers a wide range of added functions, calls, modifications and conveniences - many of the best offered in other variations along with a number of unique changes. These include:

- Allows character definitions up to code 159 - in fact, *XB3* is fully compatible with TI-BASIC
- The GOTO and GOSUB statements will allow you to jump to a variable (as in GOTO X)
- Enhancements to the IMAGE command to allow more flexible formatting
- Extensions to the CALL MOTION command that allows you to stop and start all sprites at once
- The RESTORE command will reverse a RESequence
- COPY and MOVE commands for copying and moving ranges of lines
- The assembly LOADER recognizes a wider range of utilities including CPL utilities for manipulating a stack, RADIX-100 math, and so forth for use in your assembly subroutines. The loader also will load Compressed format assembly files with REFErences - and adds a wide range of new REFErences available for called subroutines
- A range of new calls including:
  - ALL(N) - Fills the entire screen with the specified ASCII code
  - ALOCK(N) - Tests whether the Alpha Lock is set - returns a value
  - BYE - Now legal within a running program
  - CHAR ALL - For controlling the character set
  - CHIMES - Sounds a chime
  - CLRS - Clears only the text area (columns 3-30)
  - COLOR - Now accepts the colorset description "All"
  - FIND - Will find the specified string within an array of strings
  - GPEEK - CPL Peek command
  - GPOKE - CPL Poke command
  - HONK - Produces a "honk" sound
  - KEYS(L\$,P) - Waits for the keys specified in the string L\$ and returns the value P with the keys position in the string
  - MLOAD - Loads a memory-image file into the specified memory location
  - MOVE - Move ranges of memory between RAM, VRAM, ROM and GROM
  - MSAVE - Save a portion of memory to disk in memory-image file format
  - NEW - Now legal within a program
  - PRNTPAT - Print a character definition to an Epson compatible printer
  - QUIT OFF/ON - Turn on/off the QUIT key
  - SCREEN ON/OFF - Turn off and on the screen
  - VPEEK - VDP RAM peek
  - VPOKE - VDP RAM poke
  - WAIT - Pause program for a specified period
- A new range of functions have also been added:
  - ASC - Will handle an empty string without crashing a running program
  - CLOSE - Will close all open files at once
  - DEF - All user defined functions may be used outside of a running program at the command line
  - DATE\$ - Returns the current date with a clock card
  - HEX\$ - Returns the Hexadecimal equivalent of a decimal number
  - LWRC\$ - Converts a string to lower case
  - TIME\$ - Returns the current time with a clock card
  - UPRC\$ - Converts a string to upper case
  - VAL - Will now convert a hex string into a numeric value

- Virtually all math functions and floating-point math routines (COS, SIN, etc.) have been re-written and are typically 100% to 200% faster. Extensions have been made to the RND function to allow ranges and more randomization
- A range of new commands available at the command-line, including:
  - # - Displays a catalog of the device in quotes after the function
  - APPEND - Defines all Control characters in inverse video
  - ERASE - Allows you to delete a range of lines
  - OUTPUT - Saves the range of line numbers specified to disk in Merge format
  - PERMANENT - Allows you to turn off or on the true-lower-case character set as well as deactivate lower case letters
  - SAVE - The "Protected" option now truly protects a program from being listed
  - SIZE - Displays the amount of Low Memory space available as well as other space
  - USING - Lists all CALL statements in a program
  - VARIABLE - Lists all the variables in a program

While many of the features and all of the speed enhancements in *Extended BASIC III* are unique to this cartridge, it is compatible to some degree with *Mechatronics Extended BASIC*.

*Extended BASIC III* is currently available in disk form for those users with a Mechatronics GRAM-KARTE for \$39.95.

A 96K cartridge version that requires only a console and 32K memory expansion is expected to be available by June 15, 1993 for \$74.95.

Finally, available by April 15, 1993, the *XB3 SUPER MODULE*. This 192K module has built into it:

- *Extended BASIC III*
- The TE2 cartridge - allowing you to perform true text-to-speech in *XB3* WITHOUT any additional software(!)
- The Editor/Assembler cartridge
- TI-Writer, it's Editor and Formatter
- The Remind-Me! appointment program
- Mass-Transfer
- A full disk manager
- various other miscellaneous utilities

a list price of \$99.95. This cartridge is an entire productivity package all-in-one module - plug it in and you may never have to unplug it again. This version requires 32K and a disk system.

Send all inquiries to:

**Asgard Software, 1423 Flagship Dr., Woodbridge, VA 22192**

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## **\*\*ANNOUNCEMENT\*\***

**Subject:** *First Draft 2.0 Now Shipping!*

**Contact:** Asgard Software  
1423 Flagship Dr.  
Woodbridge, VA 22192  
(716)778-9104 (10AM-6PM EST, Mon-Fri)  
(703)491-1267 (7PM-10PM EST, Mon-Sat)

Art Gibson and Asgard Software are pleased to announce the release of *First Draft* version 2.0.

This comprehensive update offers many enhancements to the operation and capabilities of an already remarkable word processor. The only popular word processor currently available that is *not* a re-write of TI-Writer, the update expands and improves on its many unique features.

Version 2.0 offers the following:

- ◆ **IMPROVED INSTALLATION.** *First Draft* was the first (and so far only) word processor that can be fully customized. When you install *First Draft* it asks you a range of questions. Your answers are then embedded within the program - including screen colors, tabs, default disk drives and much more. Version 2.0 now allows you to install the program even if you only have a single disk drive.
- ◆ **IMPROVED DISK ACCESS SPEED.** *First Draft 1.0* was the first (and only) word processor for the 4A that didn't limit your text file to what you can cram into RAM - the only limit was your available disk space. In *First Draft 2.0* this is still true, but disk access is many times faster and more intelligent. If you have a RAM-disk, you most likely won't even lose a keystroke when it goes to disk with version 2.0.
- ◆ **NEW KEYBOARD BUFFERING.** Do you type too fast for TI-Writer or its clones? If you are frustrated by dropped letters at the end of your sentences, you may be interested to know that *First Draft 2.0* offers advanced buffering of the keyboard. In fact, it is virtually impossible to out-type *First Draft 2.0*!

- ◆ **COMPLETELY NEW MANUALS.** While our original manual was pretty good, we took all the comments we received from our customers and completely re-wrote the manual for version 2.0 from scratch. The result is a much more professional, easy to follow guide to using *First Draft*.

In addition to the many major changes in version 2.0, there are also many lesser ones, including faster search and replace, faster line deletion, paragraph reformatting that can be controlled, enhancements to the *Final Copy* formatter, access to all control codes and character graphics in your document, and more.

As with version 1.0, *First Draft 2.0* still offers many unique features unmatched by other word processors, including the ability to:

- ◆ Write in parallel columns on the screen in *First Draft*, and format in newsletter-style columns in *Final Copy*
- ◆ Include TI-Artist instances and Page Pro 99 pictures in your documents for logos, headlines and much more
- ◆ Use built-in print drivers or create your own. Print drivers allow you to take advantage of your printer without putting printer codes in your document - so your documents will print the same on any printer from an old TI Impact Printer to a new HP Laserjet 4
- ◆ Manage disks with a built-in disk manager with support for DISKU comments
- ◆ Use the program from a "pull-down menu" user interface - no command line
- ◆ View your formatted document before printing with the Screen Preview function built into the *Final Copy* formatter
- ◆ Take advantage of dozens of new formatting commands that let you to control everything about your printer and document with simple to use commands, and still use all of the old TI-Writer formatting commands too.
- ◆ And of course, much more

*First Draft 1.0* was the first all-new word processor for the 99/4A in years, and offered many promising new features found nowhere else. *First Draft 2.0* fulfills the promise of version 1.0 with a mature program that lets you do things you would otherwise have to buy another computer to do.

MONTHLY MEETING LOCATION  
LITTLE HOUSE NEXT TO THE  
ST. ANN'S SCHOOL  
2839 S. McCLURE  
INDIANAPOLIS, IN  
MEETING STARTS  
AT 2:00 P.M.  
JUNE 20 1993

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- ◆ **IMPROVED 40-COLUMN SUPPORT.** In *First Draft 1.0* users without 80-column cards could only create documents 40 characters wide. To print in 80-columns you have to use the program's *Final Copy* formatter. This limitation is gone - in spades - in version 2.0! Not only do you get an 80-column wide page with a standard 99/4A, but the screen window scrolls over as you type (like *WordPerfect*), and again, you never lose a keystroke! As always, you can use the 80-column display offered by the Geneve and all TI 80-column cards.
- ◆ **FASTER SPELL-CHECKING.** *First Draft 1.0* was one of the few TI word processors with a spelling checker built-in, and the only one currently available. This spelling checker allows you to check a word or the whole document while you are writing it. *First Draft 2.0* is now officially the **FASTEST SPELLING CHECKER** for the 99/4A or the Geneve. This new and improved checker even beats out the previous speed champ - our own *Spell It!* *First Draft 2.0's* spelling checker will find any word in the included 25,000 word dictionary in a seconds - even from floppy disk.
- ◆ **EXTENDED MEMORY SUPPORT.** Even though *First Draft* doesn't have a limit on the size of documents you can create, more memory will make any program faster. *First Draft 2.0* is the first 99/4A word processor designed to take advantage of the new generation of Extended Memory cards for the 99/4A - AMS and AEMS compatible memory cards. If *First Draft 2.0* sees an AMS compatible card, it will automatically put all of itself into it, and use the remaining space to store text before it is sent to disk. A 128K AMS will store 70K+ of text in memory, and let you move between the *First Draft* editor and the *Final Copy* formatter at the press of a button - and your document stays in memory in the process. With a 512K AMS or AEMS, you can have over 450K of text in memory; more than *WordPerfect 5.1* lets you have on a 640K PC!
- ◆ **MAKE KEYBOARD MACROS.** *First Draft 2.0* is the only word processor for the 4A or the 9C40 that lets you define up to of 11 keyboard macros for commonly used text - and load or save those macros to disk.
- ◆ **FULL GENEVE COMPATIBILITY.** In contrast to version 1.0, *First Draft* has been modified and verified to work fully on a Geneve with 1.14F of MDOS and 1.04 of the GPL Interpreter. Because we thought this was the case in version 1.0, we are giving all registered owners of *First Draft 1.0* a free upgrade to 2.0. We value our decade-long relationship with our customers more than anything else.



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*****
**          DM1000 v6.1          **
**   Modified by Jack Mathis   **
** Review by Mary Phillips, OUG **
*****

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I saw Jack at Fest West and thanked him for the package he'd sent. "Don't use the DM1000 I sent you, it's got a bug in it! Let me give you a new one!" And he autographed it for me. Ain't I (contraction for 'Am I not') proud!

Let me tell you, this version is the most beautiful disk and file manager ever did I see. And the docs? B.J. did well! The documentation is very clear and easy to follow.

What makes v6.1 different from 5.0? Major modifications include:

- 1) Consolidation of the Disk and File Utility Menus into one Main Menu.
- 2) (T)ype or (P)rint in the CDM column of File Utilities catalog displays a DV/DF80 file to the screen or print it out.
- 3) Disk initialization (formatting) and copying are speeded up.
- 4) Defaults for disk formatting, printer configuration (device and codes), and foreground and background colors may be saved into the program.
- 5) Choice of drives for saving configure defaults.
- 6) Works with Myarc HFDC on TI and on Geneve with Ben Hathaway's ROMPAGE loaded.

Print out the documentation with TI writer or the Print File Option of BOOT!, MENU, or DM1000 itself. A Quick Reference Guide is included in the documentation.

The following key presses are active in File Utilities:

- FCTN 1 Delete a character
- FCTN 2 Insert a character
- FCTN 3 Configure List Device (printer or DSKn.filename)
- FCTN 4 Halt disk drive I/O operation

- FCTN 5 Return to DM1000 main menu
- FCTN 6 Request "EXECUTE COMMANDS Y/N" prompt
- FCTN 7 Print Catalog to List Device
- FCTN 8 Re-enter Drive #
- FCTN 9 Return to DM1000 main menu
- FCTN = Exit Disk Manager 1000
- FCTN E Move cursor up one field
- FCTN X Move cursor down one field
- FCTN S Move cursor left one character or back one field
- FCTN D Move cursor right one character or ahead one field
- CTRL E Move cursor back one page
- CTRL X Move cursor ahead one page
- CTRL C Copy all files
- CTRL D Delete all files
- CTRL N Perform No Action on Any Files
- CTRL P Protect All Files
- CTRL U Unprotect All Files

Individual files may be marked for Copy, Delete, Move, Protect, or Unprotect and then press FCTN 6 to proceed. T and P must be done by themselves.

When DM1000 copies a disk you have a choice of Bitmap (copying only the sectors that are used) or Sector copying all the disk sectors.

If you (D)delete a file and then wish you hadn't, Undelete will ask you for the disk drive number and the file name and it will reconstruct the link between the directory and the file so you have your file back.

Unprotect is only for Extended BASIC programs and if it is used on other files, they may be unusable.

Error messages are in friendly English, no code numbers. This program is USER FRIENDLY.

To put DM1000 on your BOOT! or Horizon Ram Disk you only need MGR1 and MGR2. For the DOM 1/89 BOOT!, just copy these two files over the ones you have and delete MGR3. In MENU, delete files MG and MH, copy MGR1 and MGR2, then rename them MG and MH.

This program is our Utility of the Month and I will be demonstrating it at the meeting for you. I will have a few printouts available for those who have disk drives but no printer yet.

from OZARK N/L, March '93

Name: \_\_\_\_\_ Today's Date: \_\_\_\_\_  
 Address: \_\_\_\_\_ Apt. # \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
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November	-----	April	\$10.00
December	-----	April	\$26.00
January	+ annual	April	\$24.50
February	+ annual	April	\$23.00
March	+ annual	April	\$21.50
April	+ annual	April	

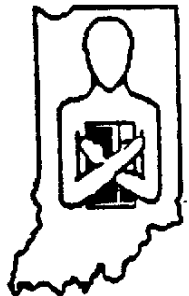
New membership is prorated as follows:  
 Annual membership is \$18.00 Due in May

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 Indianapolis, IN 46206-2222

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 activities and special guest speakers for one year.



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May 1993  
 Dan H. Eicher  
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**MATERIAL**

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