

## LERM SOFTWARE CATALOGUE . JAN 1991

NOW SUPPORTING THE SPECTRUM AND SAM COUPE  
NEW PRODUCTS - DISKS AND MUCH MUCH MORE

WHEN ORDERING ANY OF OUR PRODUCTS PLEASE GIVE DETAILS OF YOUR SYSTEM (e.g 128k Spectrum with Opus drive, or Plus 3, or 48k + m/drive, or AMSTRAD CPC 464, etc.)

ALL SOFTWARE CARRIES OUR FULL MONEY BACK GUARANTEE.

(not updates/information books)

If UPDATING send back your OLD product plus an SAE. Prices include p/p in the U.K - add £1 for Europe and £2 for others per product. Send SAE for further enquiries and other correspondence. We can accept cheques, international money orders, Eurocheques, or postal orders, but NOT credit cards or foreign cash. Cheques should be made payable to LERM.

LERM, 11 BEACONSFIELD CLOSE, WHITLEY BAY,  
TYNE AND WEAR, NE25 9UW. Tel (091) 2533615.

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PLUS 3 DISKS and 3.5" DISKS (FOR SAM, OPUS, ETC)

We sell HIGH QUALITY DISKS by LEADING MANUFACTURERS - for your +3 at £2.20 EACH, or 3.5" DISKS (unbranded - made by SONY - Double sided and double density) - suitable for SAM, +D, Disciple, etc, only £0.70 EACH. In all cases postage is free (unlike many others!) - MINIMUM ORDER 4.

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TAPE UTILITY D - FOR ALL SPECTRUMS.

A superb package to make backup copies of most programs.  
Updated from TUC to cope with even more programs - UNSECURED

Yes, it is vital to protect your software investment. Many of the latest programs take so much effort to load in you can wear out your original very easily. Versions for all Spectrum types including the PLUS 3. It can manage programs that:

- \* have Jerky tone leaders (Speedlock).
- \* have fast loaders.
- \* have unusual tone leaders
- \* are over 48k long.
- \* have number and time counters when loading - Speedlock + Alkatraz loaders - including many 128k programs.
- \* have short tone leaders
- \* have no sound gaps between blocks
- \* a program to manage Firebir\* programs.

In fact with Speedlock, Firebir\*, and Alkatraz programs it will resave them with normal tone leaders at normal speed to give more reliable loading! THIS PROGRAM WILL HELP YOU LOAD IN YOUR SPECCY PROGRAMS INTO A SAM COUPE, as it will produce a LOUD copy which the SAM needs for reliable loading! The only way to really appreciate this unrivalled product is to try it out - no risk with our money back guarantee. £8.50 on tape - it is UNSECURED and will copy easily to your DRIVE SYSTEM. It can even be used on a SAM (using SAMTAPE emulator) to copy some SAM TAPE files!

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**TRANSPACK2 - COMPLETE SPECTRUM TAPE TO DRIVE TRANSFER SYSTEM**  
**NOW TOTALLY UNSECURED FOR EASY COPYING TO YOUR DRIVE**

The package includes TUD and other specialist software. It can manage TAPE to DRIVE transfer of Speedlock, Firebird, and Alkatraz programs semi-automatically - these programs are very popular and are easily recognised - they are managed using one of our CONVERSION UTILITY PROGRAMS included in the Transpack package.

In addition, TRANSPACK provides you with extra software tools and a comprehensive manual (including a step by step training course) so that you can convert MANY programs that the CONVERSION UTILITIES can't cope with (even some highly secured ones), allowing them to run on your drive system no matter what that may be. We are constantly UPDATING it to cope with the latest security - it even manages many programs that hardware devices can't do - many of these magic buttons are defeated with 5 bytes of m/code!

TRANSPACK will work on almost any drive system - (e.g Wafa drive, Micro-drive, Opus, Beta disk, +D, Disciple, Plus 3, etc). It doesn't matter whether you have a Wafa or Micro or disc drive. PLEASE STATE WHICH SYSTEM YOU HAVE WHEN ORDERING. Another bonus is that ALL of the software we provide you with is UNSECURED so you can easily transfer it to your drive.

But how does TRANSPACK work?

The story is in 3 parts. Older programs can be managed by using the program tools with which we provide you. The manual for TRANSPACK gives examples on how and why they work. Secondly, for those Speedlock, Firebird, and Alkatraz programs we have the CONVERSION UTILITIES. Finally, for popular programs secured in their own individual way (e.g high speed loading programs) we have a UNIQUE APPROACH. We have produced INFORMATION BOOKS which tell you how to manage HUNDREDS of transfers using a step by step approach with our software (often using the Tape Utility), - see later for more information.

TRANSPACK includes a SAMPLE INFORMATION PACK of 50 programs selected from all 3 INFORMATION BOOKS giving you a good idea of how to use the INFORMATION BOOKS. ONLY £11.99 on tape.

TRANSPACK is not for the novice, but it does manage some of the latest programs that some hardware devices can't do. In fact increasingly you will find that these devices won't manage programs as many of them can be detected! And remember we do offer that money back guarantee so what have you to lose?

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LEARN INFORMATION BOOKS 1, 2, and 3.  
(Spectrum Tape to Disk transfer)

Our CONVERSION UTILITY will transfer many secured programs to your drive system in a semi-automatic way. New security systems are always being produced, particularly to defeat hardware devices like multiface, and although we have provided you with the software tools you are likely to need in our TRANSPACK 2,

you need to know exactly how to use them. So we have provided a unique service in our INFORMATION BOOKS. We give you the step by step instructions on how to transfer many of the most POPULAR programs (400 Book 1, 180 Book 2, 170 in BOOK 3) - many of them TOP 20 hits. Each Book costs £2.50. - SAE for lists. So with our TRANSPACK 1f and INFORMATION BOOKS we have the most comprehensive range of tools available to do TAPE to DRIVE transfer.

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#### GRAPHICS AND SOUND TOOLKIT - for all SPECTRUMS

For the 16/48k SPECTRUM this program when reviewed in HOME COMPUTING WEEKLY got a maximum 5 STAR review. What it does is to provide you with approx 2k of READY MADE machine code with 80 built in options to allow you to do, from BASIC, some amazing machine code effects.

e.g pixel scrolls, lazer sound, screen inverts, rotate characters, reflect characters, box fill, etc. FULL manual included with a demo program.

The code is relocatable, can be combined with your own basic programs, and represents really good value for money at only **£3.99**. (+£2.50 on +3 disk)

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#### CODE COMPRESSOR - for all Spectrums

A handy utility that will take a block of code (screen or machine code, but NOT BASIC), and compress it down in size. Typically it can save 20-60% on a screen picture. This saves time on loading and space on your tape/disc. It is also useful to use with hardware devices that save all the computers memory but don't compress the code. **£4.50**. (+£2.50 on +3 disk)

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#### MICROMATE and PLUS3MATE - FOR M/DRIVE/PLUS 3 OWNERS

MICROMATE is for MICRODRIVE owners, PLUS3MATE is for those with a SINCLAIR PLUS 3. Both programs have similar features, and are designed as specialist utility programs for your drive system. Both programs come with a complete manual, and you will find that you learn a great deal about how your system works.

MO=MICROMATE ONLY - PO=PLUS3MATE ONLY

\* **BOOT PROGRAM.**

Copies to all of your discs/cartridges. Does a fast CAT, and with a single key press, allows you to load any BASIC files, on that disc/cartridge. An ideal menu "boot" loading program.

\* **FORMAT.**

Can format a disc/cartridge. For m/drive users, you can select any of 9 densities, which allows you to format cartridges up to around 100k, depending upon your particular drive.

\* **ERASE.**

A fast erase of files on your disc/cartridge. PO - can "unerase" and get back ERASED files provided that the disc space hasn't already been used (you are warned of this!).

- \* DRIVE TO DRIVE BACKUP.  
Copies files from one drive to another (works with 1 or 2 drive systems). Fully error trapped, etc. MO - can alter number of copies of a file on your new cartridge.
- \* TAPE TO M/DRIVE - MO  
Copies code basic, headerless, print, and data files from cassette tape to M/drive. Doesn't transfer commercial games.
- \* M/DRIVE TO TAPE - MO  
Backup your m/drive cartridges to TAPE. One option allows you to save all files to tape without stopping.
- \* CLONE - copy of whole DISC/CARTRIDGE.  
For PLUS 3 OWNERS - will copy most discs, including protected ones with funny formats - makes a TRACK for TRACK copy of each part of the disc, and formats at the same time.  
For M/DRIVE OWNERS with 2 drives - will format and copy all the files from one cartridge to another in one go without stopping. Single drive owners use the DRIVE to DRIVE option.
- \* FULL CAT  
Does a CAT of your disc/cartridge and prints up all the files names, types, lengths, where they are on the disc/cartridge, etc. Can be sent out for hard copy to a printer.
- \* RECONDITION/REPAIR  
Tests every part of the cartridge/disc giving you information on any faulty parts. Allows you to try to REPAIR faulty parts, plus MUCH MORE.
- \* FULL SECTOR EDITOR.  
You can load into memory parts of the disc/cartridge, and change them with POKES, filter out bad data, etc, then re-save.

AND MORE, AND MORE. JUST TRY IT FOR YOURSELF AND SEE!  
MICROMATE £11.99 ON M/DRIVE CART : PLUS3MATE £12.99 ON +3 DISK

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#### Z80 TOOLKIT - FOR SPECTRUM AND AMSTRAD CPCs

EVEN WORKS ON A SAM WITH OUR SAMTAPE EMULATOR

We have 2 versions of our TOOLKIT program for SERIOUS machine code users - they can be used by the expert or the beginner.

One is for the SPECTRUM (any type - 48k, 128k, PLUS 3, etc). This is called Z80 TOOLKIT 2 and costs £8.99. (add £2.50 on +3 disk).

The other version is for all AMSTRAD CPC users (464, 664, and 6128), and is called Z80c TOOLKIT, and costs £9.99. (add £2.50 on disk).

Both come with

- \* our full money back guarantee
- \* are unsecured for easy tape to drive transfer
- \* a FULL manual, with sample routines for use with your computer.

"EXCELLENT VALUE FOR MONEY...",  
"BRILLIANT PACKAGE.....",  
"IF ITS NOT IN Z80 TOOLKIT THEN YOU DON'T NEED IT....."  
by Your Sinclair.

Both the AMSTRAD and SPECTRUM versions boast the following features:

PROGRAM ONE of the PACKAGE - the ASSEMBLER

- \* Full assembler handles all the machine code instructions like LD A,(FRED), label handling, etc. Indeed everything you would expect of a high quality product.
- \* It assembles the machine code from your text file very fast.
- \* It has a full screen editor - just like a word processor which makes it very easy to edit your text files.
- \* You can set up AUTO line numbers, re-number lines, etc
- \* The program has its own monitor to allow you find out the last line number, or change the colour of the screen, dec to hex, hex to dec, and many other features.
- \* Listing can be sent out to printer, including values of any labels that are created.
- \* Files can be easily merged, and you can have both decimal and hex numbers (binary as well in the Z80c version).
- \* PLUS MUCH MORE.

PROGRAM TWO of the package - called TOOLKIT.

- \* Singlestep - allows you to do a dummy "run" through some machine code, and to see exactly what happens to all of the registers, alternative registers, contents of HL, IX, and so on, plus flags, including the stack - indeed a full "front panel" as it is often called. This will help you really understand how machine code works, as well as helping you de-bug your programs. The Z80c version has a special break point.
- \* A superb disassembler - very fast and clear. It even handles some undocumented codes. Can be set up to output to a printer.
- \* Toggle from Upper to lower case (e.g LD A, 10 or ld a,10) and DEC to HEX.
- \* Loader mode - for easy input of listings of machine code - simply tell TOOLKIT where the bytes should be placed, and then enter the numbers.
- \* Modify - change the contents of an address
- \* ASCII DUMP - displays letters and numbers - makes it easy to read TEXT within machine code.
- \* PLUS MUCH MORE.

PROGRAM 3 of the package - CTOS.

- \* This program is a superb addition to our package. Many of our rivals have a DISASSEMBLER, and so do we, as we have already explained, but we go one step further. With CTOS you can take some machine code and convert it back to a TEXT file - that is the reverse of what an assembler does. You can then load this text file into our assembler, and change it, and re-assemble it.
- \* This can be used to say take some of your computers ROM, and make it run under your control in RAM. All you have to do is to tell CTOS which areas are CODE, and which is

DATA. (e.g. you might have 2000 bytes of code, but the last 100 are text containing messages like "play the tape"). Our disassembler and ASCII dump facilities will help you with this!

In summary, we have a superb program which is very flexible indeed. There are slight variations between the AMSTRAD and SPECTRUM versions, but we suggest that you try out our TOOLKIT and see for yourself. There is NO RISK with our money back offer, and you haven't got anything to lose.

SAM OWNERS WITH A DISK DRIVE PLUS OUR SAMTAPE EMULATOR CAN RUN ALL THE PROGRAMS IN THE PACKAGE, AND SAVE/LOAD DATA TO THEIR SAM DRIVES.

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THE REST OF THE CATALOGUE IS FOR SAM COUPE OWNERS

SAM ASSEMBLER - VERSION 3.

*(includes DISSASSEMBLER + SINGLESTEP)*

We have taken the ASSEMBLER we have already described to you in the Z80 TOOLKIT for the Spectrum, and written a special version of it for the SAM but with many enhanced features. We believe that is it the best assembler available in the market for ANY Z80 computer. You can now write your own m/code with the SAM.

- \* It has all the basic features of the Z80 Toolkit Assembler - a full screen editor - a real joy to use - but in 64 columns, with real smooth super screen editing.
- \* Has all the usual features of a highly professional product - auto line insert, renumber, very fast assembling, supports a printer, tabs across columns, etc. Handles all the usual instructions like LABELS, defined words, bytes, etc, etc.
- \* Accepts files produced by our Spectrum Z80 Toolkit, and another Spectrum assembler called Zeus, as well as version 1 of SAM ASSEMBLER.
- \* Labels can be 14 bytes long, the m/code that it assembles up to 32k in length, and it accepts 2 source files of up to 32k each (256k version), and 8 source files for the 512k version.
- \* There is a HELP page which can be used to store messages, prompts, etc. It can even calculate HEX/DECIMAL/BINARY conversions, give you STATUS information on the source files, print out HEX and ASCII dumps.
- \* Error messages are printed on screen. You can COMBINE two source files into one, flip from one source file to another, and so many features we simply haven't got enough room to go through all the features.
- \* Has a superb DISSASSEMBLER. Includes a SINGLESTEP program.

It is unsecured, and copies to tape/disk, and includes both the 256 and 512k versions. Updates from version 1/2 cost £4.00 but you must send us an SAE plus your old tape. Cost £10.99.

SAMTAPE - FOR FIRST CLASS SPECTRUM EMULATION  
VERSION 3 FOR TAPE/DISK OWNERS

"Just what SAM owners have been waiting for", "Brilliant", "The only emulator that works", "I sent you this letter using TASWORD using your superb program", ..... that is what our customers have said about SAMTAPE.

SAMTAPE contains 2 programs for Spectrum emulation. It works on the 256k or 512k machine on both versions of the ROM and DOS.

**Program 1 - SAMSPEC.**

This allows you to convert your SAM to a SPECCY, then load in your UNSECURED BASIC and/or CODE. Provided that you can return to BASIC (e.g. for utilities, programs written in 100% basic, etc), you can simply enter the BASIC NEW command to return back to SAM, then save to SAM disk. You can easily get from Speccy BASIC back to SAM as often as you like. Even READS the SAM cursor, + - \* / : ; = " \_ DEL EDIT CAPS LOCK keys, and uses TAB to get EXTENDED MODE, etc. LPRINT, LLIST also work, as well as printer control codes e.g BOLD and UNDERLINE). The function keys give single key presses for STOP, AND, etc, and you can customise your tape based TASWORD and get it working on the SAM! Indeed this sheet was word processed using our SAM with the Spectrum Tasword running under SAMSPECs emultaion. The manual shows you how to customise many of your Speccy utilities to LOAD/SAVE/PRINT. You will be amazed!

**Program 2 - SAMTAPE.** This is the main program, and this effectively turns your SAM into a SPECCY, but allows you to use the NMI button on the back as a SNAP-SHOT and converts your SAM into a Multiface. All you do is to load in your program, press the NMI button, and save to disk. You can peek/poke, return back to your snapped program, etc ,etc. With SAMTAPE you don't have to mess about. It can manage most of your 48k Speccy programs easily and efficiently. Some highly secured programs are difficult to load in on the SAM, as the computer likes a very loud volume from your tape deck. To overcome this problem we advise you to buy our TAPE UTILITY for the Speccy, and use your Speccy to make a back-up copy or convert your program using the CONVERSION UTILTY which forms part of the TAPE UTILITY package, to make a fresh loud copy. This should then load much more easily into SAMTAPE.

Version 3 will accept SNAPPED files from +D and DISCIPLE, allow saving of screen only snaps, and shows you how to get one version of the 48k Speccy Desk Top Publishing program from PCG working on the SAM, and has a more reliable SNAP facility. In addition in comes in TWO VERSIONS. SAMTAPE3 is for DISK OWNERS, SAMTAPE3t for those who use TAPE.

Version 3 £10.99. To update from version 1 or 2 up to 3 costs £4.50 plus SAE and old tape. The program is supplied on tape, and copies itself onto your disks. You MUST be able to access your Speccy when you first receive your SAMTAPE program.

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SAM ADDRESS MANAGER AND PHONE MANAGER

A very handy utility porgram for everyone. We all have lists of friends and relatives, and can never keep track of their phone

numbers and addresses. At x-mas time, we write out their addresses - a long and lengthy process. Perhaps you are part of a small club, or even run a small business like us. Address manager is the program WE USE to keep track of the names and addresses of our customers. The program has the following features:

- \* Every file can contain up to 200 addresses.
- \* You can have up to 5000 addresses on 25 files on any one disk.
- \* Fast machine code SEARCH and AMEND facilities.
- \* Already set up to print out to standard sized labels.
- \* Unsecured so you can adapt it yourself.
- \* Contains "windows" for Surname, Christian name, address plus phone number if required.
- \* CASH - optional - fill in if required (e.g. for business records)
- \* Records the DATE OF ENTRY of any data.
- \* CODE - a space of 4 characters for you to complete if required (e.g. could be used to indicate which product is purchased, the type of address, etc).
- \* Comes with complete manual and our usual full money back guarantee.
- \* Can print out list of data on any one file, or selected addresses onto labels.
- \* Alphabetic sort for each file if required.
- \* Telephone mode - stores telephone numbers which aren't printed to address labels, but the program will produce a list of names, plus their phone numbers, with the address as well if required.

A real must for everyone, and only £8.50 supplied on tape.

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#### SAMDISK 1 and SAMDISK 1D

A really fine disk utility program. It is the SAM version of our PLUS3MATE/MICROMATE. It includes a "boot" program, and a very fast and efficient file copying program. It will format and verify tracks at the same time. It will verify and repair faulty tracks, erase and unerase files. It will give file information, supports a printer, and is very easy to use. There is a special version (1D) for software houses for easy mass duplication of disks which is between twice and 10 times faster than the DOS - 2 drive SAMs only for the 1D version. It has a easy to read manual, the program itself is very straight forward to use, and it automatically detects 2 drives and the size of RAM available. Sold on disk for £10.99 - 1D version is £25.00

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#### SAM HARDWARE

You can buy the SAM coupe, SAM disk drives, interface, memory upgrades, etc, from us at the STANDARD RETAIL price. Phone us for prices as these are just about to change. When buying any hardware, we will give you a £3 discount on any of our software as a special loyalty bonus. The hardware will have the usual full manufacturers guarantees, etc.

SPECIAL OFFER If you have a SAM and buy our SANTAPE program, you can obtain a copy of the TAPE UTILITY with a discount of £1.50.

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