

**TORCH**  
**COMPUTERS**

SOFTWARE CATALOGUE





# TORCH

## COMPUTERS

### SOFTWARE CATALOGUE

Edition 1 March 1984

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## INTRODUCTION

The TORCH Software Catalogue is intended to outline the wide range of software available for the TORCH range of microcomputers and network systems.

TORCH products are divided into two types, the UNICORN range of BBC microcomputer upgrades, and the TORCH business range.

The UNICORN products extend from the Z80 Extension Processor (ZEP) through the extremely popular Z80 Disc Pack (ZDP) to the powerful 68000 Hard Disc Pack with 256K RAM and 20Megabyte disc drive which can run the Unix operating system.

The TORCH business range includes the 300 series workstation, the C500 series communicating business micro with integral modem, and the 725 networked 68000 triple processor computer. UNICORN and TORCH business products are software compatible.

With the recognition of the TORCH Z80 Disc Pack as the standard upgrade to the BBC Model B microcomputer, and the large numbers of TORCH business systems being installed in the UK, more software suppliers are targetting new developments onto the TORCH. This catalogue will therefore be incomplete, and the specification of some packages may have changed. Please use this catalogue as a guide to what is available, and contact the supplier for further information.

## OPERATING SYSTEMS

The design of the TORCH permits it to run several different operating systems. The primary TORCH operating systems are CPN and UNIX.

### CPN

CPN is a CP/M compatible operating system with full networking and graphics capabilities. It is provided in firmware on all TORCH computers. It uses the Z80 processor, and is the most commonly used operating system. CPN is available on all TORCH computers.

The firmware to run CPN is in two parts: the "MCP" which runs the BBC microcomputer and TORCHNET; and the "CCCPN" which provides the Z80 part of the operating system and the built in commands.

### UNIX

UNIX System III is available on TORCH 68000 computers. It is a very powerful and sophisticated multi-processing operating system with hundreds of utility programs.

UNIX is particularly suitable for program development, education, and scientific or technical users, although 1984 will see UNIX becoming desirable in the business market due to its flexibility and capacity for running very large programs.

UNIX requires hard disc storage, and uses the same firmware as CPN on the BBC micro. The firmware which controls the TORCHNET and the BBC microcomputer used in TORCH equipment is called "MCP".

### UCSD p-System

The UCSD p-System is a portable operating system, also available on such micros as the Sage, IBM PC, and Apple. It has been implemented on the TORCH Z80, and is currently being implemented on the TORCH 68000.

For further details, contact: Microtraffic Systems, Melbourn Science Park, Moat Lane, Melbourn, Royston, Herts.

## UPGRADES

From time to time, TORCH may enhance the performance or capabilities of its operating system products or their supporting utility programs. This may result in changes to firmware (ROMs) or software (Discs provided with computers).

New versions of firmware or software will be available to customers from the TORCH Support Department for a standard upgrade fee, and TORCH dealers will be informed of upgrades when they become available.

New versions of the standard TORCH software are also available free of charge to TORCH C-series owners by calling the TORCHMAIL computer at Cambridge on 0223 840238 (password secret) using TORCH-MAIL.

## TORCH CELLS

### TORCH SOFTWARE

Many common software requirements are satisfied by products from the TORCH CELL range, which are available from TORCH or TORCH dealers in distinctive TORCH CELL boxes.

TORCH CELL software packages have been configured to exploit the special features of the TORCH, such as colour, keyboard, network and communications.

All TORCH CELL packages can be run using the TORCH Executive Aid menu system.

### SC01 TORCH MARS

A full feature management accounting and reporting system with integrated graphics capability. Information originating from files, keyboard, or the network can be manipulated using the MARS spreadsheet, and then full colour bar graphs or pie charts can be produced.

Diagrams produced can be saved to disc or printed using an appropriate printer.

### SC02 WORDSTAR

WordStar is probably the most popular word processing package available for use on micro-computer systems. It offers a complete range of word and text processing facilities that are both powerful and simple to use. Text files can be created easily and editing, formatting and screen manipulation are simple and easily learned.

WordStar features include comprehensive screen editing facilities with menus and four levels of help messages as required; powerful editing commands that allow text to be inserted, deleted, moved, copied or read from files; word-wrap; a wide range of print enhancements such as boldface, double strike, underline, superscripts and variable line height; flexibility in formatting, which allows justified or ragged right margins (or both), and in pagination where the user selects page length, margins, headings and footings; a decimal tab facility that allows columns of numbers to be typed easily; paragraph indenting; and program execution, which allows another program — for example a system utility — to be executed with an automatic return to WordStar.

MailMerge and SpellStar, have been specifically designed to operate with Wordstar, and extend its capabilities significantly.

TORCH CELL WordStar exploits the word processing keys on the TORCH keyboard, and is supplied with a program to allow users to select which screen colours they prefer.



### **SC03 MAILMERGE**

MailMerge is a powerful file merging tool that is ideal for mailing applications where lists are selected on a range of criteria. Operating in conjunction with WordStar, it allows the creation of 'personalised' letters by incorporating specified variables such as salutation or name into the basic document files prepared on WordStar.

MailMerge features include the use of the same data file for both form letters and mailing labels; multiple copy printing, which allows the same file to be automatically printed more than one time; and chained printing where a file name can be specified within text for subsequent automatic printing.

### **SC04 SPELLSTAR**

SpellStar is a powerful checker that finds spelling and typing errors in word processing text files. It is able to proof-read the files at many thousands of words per minute, comparing the file to its integral 21,000-word dictionary stored on disc.

Operating in conjunction with the WordStar word processing package, SpellStar features include showing the error highlighting in context on-screen within the WordStar file; and the provision of three subsequent options; change the spelling, leave the spelling as it is, or leave the spelling and add the word either to the integral dictionary or a specifically created supplementary dictionary.

### **SC05 dBASE II**

dBASE II provides facilities for creating, storing, searching and reporting on a relational database. dBASE II is a rapid, powerful and easy-to-use system which allows the creation of command files for pre-defined sequences of operations in addition to English-like basic commands. Interactive and batch operations are supported and the editing and report creation facilities are excellent.

### **SC07 BACKCHAT**

The Backchat speech program reads text from the keyboard or a file and attempts to speak it. It has a built-in vocabulary of approximately 200 words, but will "spell out" words it does not recognise.

Backchat does not require a speech ROM like many other speech packages, but it does require a speech processor on the BBC board. All TORCH business computers are supplied with a speech processor as standard.

Backchat has been used in conjunction with programs such as TORCHMAIL PLUS to announce incoming messages and speak them.

### **SC08 FONTCRAZY**

The Fontcrazy cell includes a program to redefine the character set displayed on the screen and a library of sample fonts such as isonorm, shadow and tektura.

A program is also provided to send text files to a standard TORCH dot matrix printer using the font definition produced.

### **SC09 GRAPHICS UTILITY PACK**

This cell provides programs which are useful for the creation and editing of colour graphics. "Drawkit" is a program which allows lines, arcs, circles, squares and other shapes to be drawn onto the screen. Advanced features such as "rubber-band line" and window copying are provided.

"Graphic" allows the creation of simple bar graphs, pie charts and line graphs by entering numbers from the keyboard or from data files. Pictures produced can be saved on disc.

"Prism" is used to dump the picture on a TORCH screen to a Prism colour dot matrix printer in full colour.

"Picture" is used to dump the screen to a TORCH dot matrix printer using grey tones to represent colours.

### **SC10 MUSIC BOX**

A library of musical performances which can be played using the TORCH music system or examined to help with the composition of new works.

### **SC11 TERMINAL**

A flexible "asynchronous" terminal emulator. It allows a TORCH to replace a terminal to other computers by connecting to its RS423 port.

Various line speeds and parity or bit settings can be accommodated, and flow control such as XON/XOFF or RTS/CTS is selectable.

Terminal allows the uploading or downloading of text files to or from the host computer.

By patching the internal translation table, it is possible to emulate a number of popular terminals.

### **SC12 CNET**

Upgrades a CF240 or CH240 C series computer to full C500 series networking capability.

Included in this cell is the firmware, the TORCHNET manual, and a TORCHNET lead.

### **SC13 NETMAST**

This cell should be purchased by every Network Manager or Installer. It provides guidelines on installing, testing, and repairing TORCHNET local area networks.

A set of network management utilities such as "Finddisc", "Overseer" and "AutoReply" is provided, along with the "Netprint" name and printer server software.

### **SC14 TBASIC**

A BBC BASIC interpreter which runs on the TORCH Z80 processor. By exploiting the full 64K RAM available on the Z80, BBC BASIC programs can be written in approximately 49K of free memory, whatever screen mode is in use.

All the standard BBC BASIC functions are provided, including SOUND, ENVELOPE, MOVE, DRAW, PLOT, etc.

A built-in Z80 assembler is provided, to give access to the internals of the CPN Operating System, or to write extremely fast code.

The TBASIC cell is strongly recommended.

### **SC22 TORCH-MAIL PLUS**

TORCH-MAIL PLUS is an electronic mailing system with many advanced features not currently available on any other microcomputer software package. TORCH-MAIL PLUS can transmit and receive files and messages to or from any C500 series TORCH that is running TORCH-MAIL or TORCH-MAIL PLUS and is connected to the telephone line. Transmitted files may then be typed on the screen, printed or saved in a file.

Users will find TORCH-MAIL PLUS to be very friendly. It is completely menu driven and extension help messages in paragraph form may be viewed on half the screen while the

program is running on the other half. A well written user manual including reference and tutorial sections is provided with the software.

Most telecommunications packages can send and receive files over the phone line, including TORCH's own TORCH-MAIL. The distinctive aspects of TORCH-MAIL PLUS are its power, security and ease of use. Timed events and TOBEY files enable the user to have the computer function automatically, at any time of the day or night, and on a regular or irregular repeating basis. Many offices may want to set up TORCH-MAIL PLUS to run before 9am or after 5pm in order to:

1. Take advantage of lower overnight rates.
2. Leave the machine available for other uses during the day.
3. Recognise differences in time when calling other countries.

### **Applications**

Transmission of word processed documents.

Remote data collection.

Remote software maintenance.

Electronic Mail.

Network Operations.

Personal reminder message diary.

## **UNIX SOFTWARE**

General software for TORCH computers running the Unix III operating system is available from:

Pipeline Ltd., Pilgrim House, 2-6 William Street, Windsor, Berks. SL4 1AA.

TORCH Computers can also supply:

### **SVS PASCAL**

SVS PASCAL is an ISO Standard implementation with many extensions derived from UCSD Pascal.

Features:

UCSD compatible facilities for compiling code modules separately.

UCSD include compatibility.

Enhanced I/O facilities.

IEEE compatible floating point.

### **SVS FORTRAN 77.**

This is a full ANSI Standard FORTRAN-77 implemented for MC68000 based computer systems. FORTRAN-77, oriented primarily toward scientific computing applications, is one of the most widely used programming languages.

Features:

IEEE compatible floating point.

"C" routines callable from SVS FORTRAN.

Fully compatible with SVS PASCAL.

Extremely efficient native mode compiler.



## LIST OF SOFTWARE SUPPLIERS

NAME	ADDRESS	TELEPHONE NUMBER
A.D.A.C.S.	41 London Street, Andover Hampshire SP10 2NU	0264 52187
A.I.M. Research	20 Montague Road, Cambridge CB4 1BX	0223 353985
Brainstorm Computer Solutions	103A Seven Sisters Road London W7 7QN	01 272 6619 or 01 263 6926
Cambridge Computer Consultants (CCC)	124/126 Ross Street Cambridge CB1 3BU	0223 210677
Commiscott	30 Gordon Street Glasgow	041 226 4878
Compsoft Ltd	Hallams Court, Shamley Green Guildford Surrey	0483 898545
Comshare Ltd	32/34 Great Peter Street London SW1P 2DB	01 222 5665
Data Technologies	Century House, Swavesey Cambridge	0954 30696
Eastern Data Processing	Whitelands, Hatfield Peverel Chelmsford, Essex CM3 2AG	0245 380009
Gt. Northern Computer Services	16 Town Street Horsforth Leeds LS18 4RJ	0532 589980
Grafox Ltd	35 St Clements Street Oxford OX4 1AB	0865 242597
Herald Computers Ltd	93 East Road Cambridge CB1 1BZ	0223 315662
Heseltine Business Systems	7 Cambridge House Cambridge Road, Barking Essex	01 591 6111
HN & L Fisher (Huthwaite) Ltd	264 Huthwaite Road Sutton In Ashfield Nottingham	0623 553437
Inter Company Communications Technology Ltd (ICCT)	76 Cannon Street, London EC3N 6AE	01 248 8895
M.A.P. Computers Systems	111 Union Street, Oldham OL1 1RU	061 624 5662/3
Metrotel Viewdata Systems	6 High Street, Ruislip Middlesex HA4 7AP	08956 77071
Microtraffic Systems	Melbourn Science Park Moat Lane, Melbourn Royston Herts.	0763 62221
Modern Business Technology Ltd	PO Box 87 Guildford Surrey GU4 8BB	04868 23956

M.P.I.	8-11 Cambridge House Cambridge Road, Barking Essex	01 591 6511
Port Ltd	30a Chilworth Street, London W2 6DT	01 402 8757
Sapphire Systems Ltd	1/3 Park Avenue, Ilford, Essex SS1 4LU	01 554 0582
Softpac	14 Castle Street, Bridgewater Somerset TA6 3DB	0278 421020
SUM-IT Computers Systems Ltd	PO Box 146 High Wycombe Bucks HP14 4AS	0494 827 238
Sysgo Ltd	Hawkehouse, Green Street Sunbury On Thames, Middlesex TW16 6RA	09327 89571
TABS Ltd	Sopers House, Chantry Way Andover Hampshire SP10 1LS	0264 58933
Tamsys Ltd	Pilgrim House, 2-6 William Street Windsor Berks SL4 1BA	075 35 56747
Torch Computers Ltd	Abberley House, Great Shelford Cambridge CB2 5LQ	0223 841000
Western Computers Ltd	Blackpool Airport Blackpool Lancashire	0253 404676

## INDEPENDENT SOFTWARE DISTRIBUTORS

Most major software distributors will now supply their complete range of CP/M software in TORCH format. Each of these software suppliers has a TORCH computer on their premises, and is therefore able to supply software which is already configured for the TORCH. Most CP/M computer owners have to use an "install" program to set up the software to match their screen.

Packages which are not TORCH CELL and are not available from your TORCH dealer should be obtained from one of the suppliers listed in the classified directory in this catalogue or in case of difficulty from an independent software distributor:

**Tamsys Ltd**  
Pilgrim House  
2-6 William Street  
Windsor  
Berks  
SL4 1AA  
Tel: 075 35 56747

**M.P.I.**  
8-11 Cambridge House  
Cambridge Road  
Barking  
Essex  
Tel: 01 591 6511

**Softpac Ltd**  
14 Castle Street  
Bridgewater  
Somerset  
Tel: 0278 421000

**Tradesoft Ltd**  
Southbank Business Centre  
Unit 25 Thames House  
140 Battersea Park Road  
London  
SW11 4NB  
Tel: 01 627 1800

**Software Ltd**  
Duchess House  
18/19 Waren Street  
London  
W1P 5DP  
Tel: 01 387 8832

**ADACS**  
41 London Street  
Andover  
Hampshire  
SP10 2NU  
Tel: 0264 52187

**Telesystems Ltd**  
PO Box 12  
Great Missenden  
Bucks  
HP16 9DD  
Tel: 024 065314

Contact these  
distributors for  
full catalogues  
and price lists.

## CLASSIFIED DIRECTORY OF SOFTWARE

NOTE: Where a price is not shown contact relevant supplier for details.

### ACCOUNTS

#### AARS

Suppliers: MAP  
Hotel Accommodation Package.  
Contact MAP for further details.

#### ACC-SIS

Suppliers: Tamsys Price: £500  
Contact Tamsys for full details

#### Accounting Ledgers

Suppliers: Eastern Data Process Price: £900  
Comprehensive Package which includes, Purchase and Nominal Ledger, Sales Ledger and Sales Analysis. These may operate independently or as an integrated package.

#### Aurora

Suppliers: Great Northern Price: £1595  
Integrated accounting suite, including, invoicing, sales and purchase ledgers and Nominal ledger.

#### Billflow

Suppliers: Great Northern Price: £395  
Professional Client Billing System.

#### Container Accounts

Suppliers: MAP Price: £1250  
Calor and LP gas accounting system. Deals with return of empty canisters and refills.

#### EASY-TABS

Suppliers: TABS Price: £200  
Low cost accounting system. Available as a set of modules such as Cash Book, Payroll, etc.

#### FAS-1

Suppliers: Commscot  
High speed accounting system designed specially for TORCH. The use of overlays for each menu is minimised to give high speed access to accounting information.

#### Financial Director

Suppliers: ADACS Price: £1595  
Fully integrated accounting system. Provided with own briefcase!

#### Haslemere

Suppliers: MBT  
Handles Hotel accounts and accommodation.

#### Invoicing

Suppliers: Eastern Data Process Price: £750  
Accounts system for the Dairy industry who have credit customers and require weekly invoices to be produced.



**JCAS**

Suppliers: Heseltine Bus. Sys. Price: £375

Job costing and accounting system. Designed for advertising but applicable generally.

**MAP Accounts**

Suppliers: MAP

**MPI Accounts**

Suppliers: MPI Price: £200

**Newsboy**

Suppliers: MAP Price: £450

Newsagents accounting system

**Newspac**

Suppliers: SYSGO

The computer system for multiple outlet newsagents. Uses TORCH-MAIL to link multiple outlets.

**Padmede Accounts**

Suppliers: MPI Price: £249

Modular accounting package, expandable to full system. Several specialised modules available.

**Paymaster**

Suppliers: Eastern Data Proces. Price: £475

Payroll system allowing all standard details on employees to be entered and changed, i.e. pay and tax details.

**Retail Depot System**

Suppliers: Eastern Data Proces. Price: £975

This system is designed for retail dairy depots to give the information necessary to maintain tight stock and financial control over each round with a minimum of clerical effort.

**Solace**

Suppliers: ADACS Price: £1600

Solicitors Accounting System.

**SUM-IT Farm Accts**

Suppliers: SUM-IT Price: £300

Includes Sales, Purchase and Nominal Ledgers, Cash Day book Summaries Cash Flow and costings.

**TAP**

Suppliers: Western

Travel Agency Accounts and booking system.

**Telerental**

Suppliers: HN & L Fisher Price: £1000

A set of programs that enable a TV rental company to monitor the status of their rental, hire purchase and maintenance accounts. Demo packs for ten pounds.

**TORCH FAP**

Suppliers: Data Tech Price: £600

Integrated 3 ledger system. Used for general Book-keeping and credit control. Very compact data storage.

## AUCTIONEERING

### Hammer

Suppliers: ADACS Price: £995

Special purpose Auctioneering and brokering package ADACS have used this package themselves in the antiques business.

## BUSINESS GAME

### Comanex

Suppliers: Sapphire Systems

Business Management game approved by BIM. Can have several users. Particularly useful in commercial education.

## COMMUNICATIONS

### MAIL-PLUS

Suppliers: TORCH Price: £600

Advanced electronic mail program allowing timed or interactive calls. Fully integrated with TORCHNET. TOBEY language allows sophisticated programming of actions.

### TERMINAL

Suppliers: TORCH Price: £80

Terminal emulation package. Runs at range of speeds with parity and bit length adjustment. File transfer provided. Used to emulate VT-52, VT-100, ADM-3A, DG-Dasher etc.

## DATABASE

### Cardbox

Suppliers: Tamsys Caxton Price: £155

Emulates a standard box of record cards, but allows special sorting functions and variable fields.

### Dataflow II

Suppliers: Great Northern Price: £185

"User friendly" database and information retrieval system.

### dBASE-II

Suppliers: TORCH Price: £425

Flexible database system with full language capability for programming and quick screen builder (ZIP). Specially configured for the TORCH.

### DELTA

Suppliers: COMPSOFT

Used to produce DMS programs for quick application level. Many vertical market systems have been produced with Delta. Strongly recommended.

### DMS

Suppliers: COMPSOFT

Sophisticated database which can be used to build many other applications. Strongly recommended.

### **FMS-80**

Suppliers: Tamsys Price: £650

Generalised database system. A special FMS programming language is provided which allows bespoke database tailoring.

### **Friday!**

Suppliers: Tamsys Price: £195

### **MDBS III**

Suppliers: Great Northern Price: £440

Database and enquiry system.

### **Personal Pearl**

Suppliers: MPI Price: £180

Easy to use personal database.

### **Rescue**

Suppliers: MPI Tamsys Price: £295

### **Superfile**

Suppliers: Herald Tamsys Price: £485

Strongly recommended as an easy to use database. Easily usable from high level languages.

### **TEXTEL**

Suppliers: TORCH Price: £300

Viewdata system running on TORCHNET. Uses Prestel type codes to access frames, and is provided with sophisticated editing capabilities and resource management.

## **EMULATION**

### **Torch D200 SIM**

Suppliers: PORT Limited Price: £300

Full Data General D200 screen emulation package incorp. fully controlled bulk transfer of disc files, off line printing of data files, programmable function keys, etc.

## **FARMING**

### **FIELD MANAGEMENT**

Suppliers: SUM-IT Price: £200

Holds field records with annual break-down of cost and act. Provides monthly activity and costing spreadsheet.

### **HERD MANAGEMENT**

Suppliers: SUM-IT Price: £200

Holds individual Cow records, margin over concentrate costs. Provides reports for monitoring Herd health, Calving and Bulling performance.



## GRAPHICS

### **DATAPLOT 3**

Suppliers: Grafox Ltd Price: £395

Converts tabulated data to high quality graphics. Control over scaling, colour, size and type of graphs. Drives several plotters and printers, as well as TORCH colour screen.

### **Dataplot Plus**

Suppliers: Grafox Price: £195

Business Graphics including Line Graphs, histograms, Scattergrams, Pie Charts and 4 high quality character fonts.

### **GED**

Suppliers: CCC

An interactive Graphics Display Editor. Can be used with GEDDIS to make animated display sequences for video recording.

## INT. OFFICE

### **Rhombus**

Suppliers: MBT

Integrated Office program handling several common office functions in the same package.

## LANGUAGE

### **BBC BASIC (Z80)**

Suppliers: TORCH Price: £110

BBC BASIC which runs on the Z80 rather than on the 6502. Provides all available TORCH features from BASIC. Has built in Z80 assembler.

### **C-Prime**

Suppliers: Tamsys

C language compiler producing Z80 native code. A descendent of BDS C.

### **CB-80**

Suppliers: MPI Tamsys Price: £100

BASIC compiler which accepts the same syntax as CBASIC. Produces code which runs about 10 times faster than CBASIC. Requires special TORCH patcher.

### **CBASIC**

Suppliers: MPI Tamsys Price: £100

BASIC compiler which produces a compact intermediate (P) code. Once programs have been developed with CBASIC, they can be speeded up using the CB-80 program.

### **CIS-COBOL**

Suppliers: MPI Tamsys Price: £425

Extremely popular COBOL system which has many useful extension modules (see utility section).

### **COBOL-80**

Suppliers: MPI Tamsys Price: £516

The Microsoft COBOL compiler.

**Fortran 80**

Suppliers: MPI Tamsys Price: £344

Microsoft's FORTRAN compiler. Uses FORTRAN 4 dialect but does not support some data types.

**Level II Cobol**

Suppliers: MPI Tamsys Price: £965

Fully validated COBOL system. The recommended COBOL system for the TORCH.

**MAC**

Suppliers: MPI Price: £71

Digital Research Macro assembler for the Z80.

**MACRO-80**

Suppliers: Tamsys MPI Price: £138

A macro-assembler for the Z80 or 8080. Includes cross reference program and linker (L80)

**MBASIC**

Suppliers: MPI Tamsys Price: £250

The Microsoft BASIC interpreter. Probably the most widely used serious BASIC interpreter.

**MBASIC Compiler**

Suppliers: Tamsys MPI Price: £241

A compiler which is used to speed up the execution of programs developed using the MBASIC interpreter. Speed gains of 5-20 times are likely.

**Pascal MT +**

Suppliers: MPI Price: £167

Digital Research Pascal system. Several support tools are available, such as the Speed Programming Package.

**PL1/80**

Suppliers: MPI Tamsys Price: £357

Digital Research PL1 compiler and support tools. Compiler complies with IBM PL1 G standards.

**ProFortran**

Suppliers: CCC Price: £220

Prospero Fortran. Can call routines written in Pro Pascal. Provided with special TORCH library routines to give access to all features of the TORCH without resort to assembler.

**Prolog**

Suppliers: Tamsys Price: £290

The programming language for expert system development.

**ProPascal**

Suppliers: CCC Price: £220

Prospero Pascal. Fully validated Pascal for the TORCH. Provided with special TORCH library which gives access to all TORCH features. Strongly Recommended.

**Supersoft-C**

Suppliers: Tamsys Price: £200

Compiler for the C programming language.

**Supersoft-Fortran**

Suppliers: Tamsys Price: £300

Fortran compiler producing code which can be linked with Supersoft-C.

## **VIZ-APL**

Suppliers: MBT Price: £350

Powerful implementation of APL using virtual store. Includes graphics drivers for TORCH and uses the TORCH software definable character set.

## **xFORTH**

Suppliers: AIM Research Price: £65

Strongly recommended FORTH language system. Specially configured to use all TORCH features. Special value direct from producers.

## **MANUFACTURING**

M-SIS

Suppliers: Tamsys

Manufacturers stock control system.

## **MATHEMATICS**

### **Mathspack**

Suppliers: MPI Price: £120

### **MUMATH**

Suppliers: MPI, Tamsys Price: £180

### **Statflow**

Suppliers: Great Northern Price: £185

Interactive Statistics Package.

### **Statsgraph**

Suppliers: Tamsys Price: £196

### **Statspack**

Suppliers: MPI Price: £120

### **Microstat**

Suppliers: Tamsys Price: £250

Statistical analysis system.

## **MENU SYSTEM**

### **Operating Guide**

Suppliers: MPI Price: £45

Similar to Executive Aid, this system provides a user friendly environment for running other programs.

## **MODELLING**

### **EAS**

Suppliers: MPI Price: £200

Linear programming and optimisation tool.



### **Financial Planner**

Suppliers: Tamsys Price: £438  
Financial modelling and planning tool.

### **MARS**

Suppliers: TORCH Price: £395  
The TORCH Management Accounting and Reporting System with special graphics extensions. Can plot graphs direct from a spreadsheet.

### **Minimodel**

Suppliers: Great Northern Price: £299  
High-capacity, file based business modelling system.

## **OPERATING SYSTEMS**

### **UCSD p-system**

Suppliers: Microtraffic Price: £375  
A complete implementation of the UCSD-p operating system for the Disc Pack or TORCH. It includes its own Pascal language environment.

## **PAYROLL**

### **MPI Payroll**

Suppliers: MPI Price: £500

### **PAY-SIS**

Suppliers: Tamsys Price: £500

### **Payflow**

Suppliers: Great Northern Price: £500  
UK Payroll package.

### **SSP**

Suppliers: Tamsys Price: £695

## **PLANNING**

### **Micronet**

Suppliers: Great Northern Price: £650  
Critical Path Planning system.

### **Optimiser**

Suppliers: Tamsys Price: £325

### **Pertmaster**

Suppliers: Tamsys Price: £650

### **PTCS**

Suppliers: Tamsys Price: £650

## PROGRAM WRITER

### **The Last One**

Suppliers: MPI Price: £330

## SPEECH

### **BACKCHAT**

Suppliers: TORCH Price: £45

TORCH speech synthesis program. Speaks words typed manually or read from a file. Words it cannot pronounce are spelled out. Very useful in conjunction with MAIL-PLUS.

## SPELLING CHECK

### **SPELSTAR**

Suppliers: TORCH Price: £120

Spelling check program for use with WORDSTAR.

### **The Word Plus**

Suppliers: AIM Research Price: £90

Spelling checker which checks any text file.

## SPREADSHEET

### **Masterplanner**

Suppliers: Comshare Price: £250

### **Microplan**

Suppliers: Tamsys Price: £367

### **Multiplan**

Suppliers: CCC Price: £190

General Purpose Spreadsheet. Specially customised to exploit TORCH Graphics and keypads.

### **Plannercalc**

Suppliers: Comshare Price: £85

Low cost spreadsheet which can be upgraded to Master planner.

### **Supercalc**

Suppliers: Softpac Price: £129

One of the most popular spreadsheets available.

## STOCK CONTROL

### **Micro-Pics**

Suppliers: Great Northern Price: £695

Stock control system for manufacturers, which includes Bill of Material.

### **Mu-Stock**

Suppliers: Great Northern Price: £595

Multi-location stock control package.

### **Stockflow**

Suppliers: Great Northern Price: £250  
Stock Control System for distributors.

## **TIME SERIES**

### **Chartel**

Suppliers: ICCT Price: £2000

Very flexible time series analysis system. Used for Chart Analysis of share prices, loading information direct from Prestel. Makes good use of TORCH graphics.

## **TYPING TUITION**

### **IANKEY**

Suppliers: Brainstorm Price: £29

A keyboard skills tutor. teaches touch typing, improves typing speed and helps cut down errors. In use at several training institutes.

### **Typing Tutor**

Supplier: MPI

## **UTILITY**

### **Animator**

Suppliers: MPI, Tamsys Price: £225

Used to show the execution of a CIS-COBOL program statement by statement on the screen.

### **Autocode**

Suppliers: MPI, Tamsys Price: £225

Program generator which assists in the speedy implementation of dBASE-II programs.

### **BSTAM**

Suppliers: MPI, Tamsys Price: £130

Industry standard program for transferring programs from one CP/M computer to another using the serial ports. A copy is required for the other computer also.

### **Clip**

Suppliers: Tamsys Price: £75

File compression and splitter. Useful in conjunction with TORCHMAIL for text compression. Also useful for hard disc to floppy transfers.

### **DGRAPH**

Suppliers: MPI, Tamsys Price: £200

Used to produce graphical output from dBASE-II programs. Uses characters rather than the special TORCH graphics.

### **DUTIL**

Suppliers: MPI, Tamsys Price: £69

General set of utilities for dBASE-II.



**EDIT-80**

Suppliers: MPI Price: £83  
Microsoft's general purpose text editor.

**FONT-CRAZY**

Suppliers: TORCH Price: £45  
Contains FONT generation program, a special FONT printing program, and a selection of fonts for various applications.

**Forms-2**

Suppliers: MPI, Tamsys Price: £110  
Used to compose screens in Cobol programs.

**FT-Numb**

Suppliers: MPI Price: £50  
Renumbers FORTRAN programs.

**GRAPHICS**

Suppliers: TORCH Price: £45  
Includes Drawkit (picture builder), Graphic (pie and bar chart program), and utilities to print pictures produced on the TORCH screen onto colour or matrix TORCH printers.

**MUSIC BOX**

Suppliers: TORCH Price: £45  
Contains a number of performances of music and the MUSIC program. These performances are good examples of what can be produced by the music synthesiser.

**Paragrab**

Suppliers: MPI Price: £75  
Used to merge standard paragraphs into a wordprocessed document.

**Quickcode**

Suppliers: MPI, Tamsys Price: £200  
A program generator for dBASE-II. Provides a simple way of producing dBASE-II applications.

**Quickscreen**

Suppliers: MPI Price: £117  
Screen and menu composition utility for MBASIC.

**Speed Programming**

Suppliers: MPI, Tamsys Price: £163  
An option for Pascal MT + .

**Transfer**

Suppliers: CCC Price: £100  
File transfer utility which takes files from other computers to the TORCH without special programming.

**ZSID**

Suppliers: MPI, Tamsys Price: £74  
Debugging tool for Z80 programs including interactive assembler and disassembler and history/trace.

## **VIEWDATA**

### **Metrotel-IPT**

Suppliers: METROTEL Price: £1700

Powerful Viewdata Information provider system with bulk update, local database access, and on-line Prestel access.

## **WORD PROCESSOR**

### **Final Word**

Suppliers: AIM Research Price: £200

Very flexible wordprocessor with many unique features. Can easily be configured to use special features.

### **Superwriter**

Suppliers: Softpac, tamsys Price: £255

Sorcim's word processor which is integrated with Supercalc.

### **MAILMERGE**

Suppliers: TORCH Price: £145

Mailshotting attachment for WORDSTAR. Allows the generation of standard letters or documents from a skeleton text.

### **SPELLSTAR**

Suppliers: TORCH Price: £120

Spelling checker for WordStar. Includes 21,000 word dictionary or user can define their own dictionaries.





