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RANGE OF MICROCOMPUTERS

Software Catalogue

Most MZ-80K Material
Available for MZ-80A.

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First, and foremost

This catalogue contains details of software and some additional hardware for the MZ-80K and PC 3201. Inclusion of any item in this catalogue does not infer any approval or recommendation by Sharp Electronics (UK) Ltd.

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Items for inclusion in further issues of this catalogue should be sent, together with full details and a sample to:-

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BUSINESS MACHINE PC 3201

NAME	DESCRIPTION	AVAILABLE FROM
Whatif	An aid to businessmen engaged in drawing up Profit and Loss forecasts, Budget Planning, Cash Flow projections etc. The user can set up up to 99 tables of figures, modify their contents and experiment with the interactions between them.	O & M Systems 0232 49440
Insurance Broker Quotation System	The program demands information on age/sex/cover required/car type and value/previous claims etc. and outputs a quotation for pre-determined companies.	O & M Systems 0232 49440
Mail List/Database	Stores 400 names and addresses together with a file of data which can be altered at any time.	Knights TV and Computers. 0224 630526
Payroll	Up to 120 employees. All tax codes, NHI codes, 3 overtime rates, 3 voluntary deductions. Complex bonus calculations. Full pay slips, pay analysis and bank breakdown.	Microtek Ltd 0473 50152
Invoicing/Stock Control	Up to 4000 items on file for Stock Control. Invoicing produces full invoice for goods supplied, free lines may be entered, VAT calculation, automatic addition. A file of customer names and addresses maintained. Automatic adjustment of stock level and incrementation of invoice number.	Microtek Ltd 0473 50152
Housing Maintenance Records	Details of maintenance records on up to 350 properties along with tenant record date of change etc. Can give costs of repairs/month or year analysis per house or tenant.	Microtek Ltd 0473 50152

BUSINESS PC 3201

NAME	DESCRIPTION	AVAILABLE FROM
Sales Ledger	Up to 1600 accounts and 5000 transactions per month on a balance brought forward system (Open item system available shortly). Reports range selectable. Integrates with Sales Invoicing and Nominal.	All Sharp Dealers
Purchase Ledger	Same specification as Sales Ledger above.	All Sharp Dealers
Sales Invoicing	Handles up to 1500 products with 6 character product code. Free format invoices. Changeable invoice format. Full audit trail. Takes names and addresses from Sales Ledger.	All Sharp Dealers
Nominal Ledger	Handles 900 nominal codes and 99 sub-analysis codes with 5000 transactions/month. Complete audit trail with selective reporting.	All Sharp Dealers
Stock Control	Free standing program for up to 4000 stock items. Options include enquiry/stock change, stock and re-order reports, inactive and excess stock.	All Sharp Dealers
Costing System	Handles up to 500 items and 450 aggregates. Items and aggregates can be modified/amended/deleted. Options allow update and monitoring of price and cost changes.	All Sharp Dealers

SCIENTIFIC/EDUCATIONAL – PC 3201

NAME	DESCRIPTION	AVAILABLE FROM
Statistics	Calculates mean, standard deviation, variances, co-variances and number of data points.	Knights T.V. and Computers. 0224 630526
Curve Fitting	Calculates intercept, slope, co-efficient of determination and displays regression curves. Linear, exponential, power and log curves.	Knights T.V. and Computers. 0224 630526
French Test	Testing pupils French/English translations.	Knights T.V. and Computers. 0224 630526

BUSINESS MZ-80K

NAME	DESCRIPTION	AVAILABLE FROM
Payroll	Handles up to 45 Employees. All tax codes, NHI codes, 3 overtime rates, 3 voluntary deductions. Complex bonus calculations. Full pay slips, pay analysis and bank breakdown. Tape or Disk.	Microtek Ltd
Stock Control Invoicing	For full description see details in PC 3201 section.	Microtek Ltd
Foundry Package	Consists of 3 modules:- (1) Raw material. Stock Control/Valuation (2) Mixture costing/recording (3) Costing Sheet. Tape based.	Microtek Ltd
Payroll	Processes pay for up to 999 employees. Calculations to PAYE specification. Includes all tax bands and codes. NI calculations cover Non-Contracted and Contracted Out Employees. Also caters for Company Pension schemes. Tape or Disk, requires printer.	Sumlock Electronic Services (M/CR) Ltd 061 834 4233
Word Processor	Text entered via the editor and formatted by the processor.	Newbear Computing Store Limited 0635 30505
Data Base	Enables data storage and handling on cassette.	Crystal Electronics 0803 22699
Payroll	Up to 400 personnel with facilities for hourly, weekly, 2/3/4 weekly, monthly, miscellaneous deductions, commission and bonuses. Disks and Printer required.	Scope Ltd 01 247 8506
Newsagents	850 publications and 1000 customers. Each customer can have 16 different magazines and 16 newspapers. Facilities for price changes, holidays, account charging, rounds lists. Requires Disks and Printer.	Scope Ltd 01 247 8506
Shipping	Calculates cost of carriage/ton of cargo taking into account cargo capacity, canal day, taxes, bunkering, fuel prices etc. etc. Requires Printer.	Scope Ltd 01 247 8506
Bureau de Change	90 Currency records held on disk. Transaction slips are printed Requires Disks and Printer.	Scope Ltd 01 247 8506
Price Catalogue	600+ products. System stores description, price etc. Suggests 5 selling prices, each product and price at different mark up percentage. Tape based.	Scope Ltd 01 247 8506
Paint Formulation and Costing	250 Components and 100 formulations. System advises on colour formulation, wastage and cost. Requires Printer.	Scope Ltd 01 247 8506

BUSINESS MZ-80K

NAME	DESCRIPTION	AVAILABLE FROM
Stock Control	400+ items. All usual routines. Stock stored by type of product, size and colour. Requires Printer. Tape based.	Scope Ltd 01 247 8506
Banking Package	Selection of Banking routines, Cable confirmation, week-day of date, days between dates, amortisation, accruals, certificate of Deposit, Bond Yield, Compound Interest.	Scope Ltd 01 247 8506
Foreign Exchange Dealing	Buying and selling of foreign currencies against £ or \$.	Scope Ltd 01 247 8506
Address Book	Cassette-based, stores the file on tape.	Computer Corner 0743 55166
Address Book	Disk-based, comprehensive updating facilities	Computer Corner 0743 55166
VAT Returns	Small business applications. Produces schedule C and D returns.	Computer Corner 0743 55166
Word Processor	Writes and sends letters. Interfaces with ADDRESS BOOK Requires Disks and Printer	Computer Corner 0743 55166
Telephone Exchange	Holds list of up to 5 extensions and a home number per person. Returns number when name is specified.	Computer Corner 0743 55166
Till	Produces weekly till return for bank.	Computer Corner 0743 55166
Micromas	An integrated business accounting system running under CP/M. Suite contains sales, invoicing, Stock Control, Sales/Purchase/Nominal Ledgers, Payroll, Trial Balance, Budgets, Profit and Loss Report, Balance Sheet, VAT and P11D returns.	Norsett Office Supplies Limited 0934 742184
Data Base	Enables data storage and handling on cassette. No. of files depend on memory size and length of file, typically 100-600.	Crystal Electronics 0803 22699
Stock/Order processing	Up to 400 stock records and related order records. Options include:- (1) Stock menu (2) Stock maintenance (3) Order Processing (4) Month end (5) Stock list. Requires Disks and Printer.	B & B (Computers) Ltd. 0204 26644

BUSINESS MZ-80K

NAME	DESCRIPTION	AVAILABLE FROM
Sales Ledger	Open item. Up to 250 accounts including statements. Requires Printer.	Mansfield Business Machines Ltd. 0623 26610
Sales Ledger	Balance forward. Up to 150 accounts including accounts. Requires Printer.	Mansfield Business Machines Ltd. 0623 26610
Payroll	250 employees. All PAYE codes and 3 overtime rates, Year-end returns.	Mansfield Business Machines Ltd. 0623 26610
Incomplete records	200 nominal heads. Cash and bank analysis, journal entries, trial balance and final accounts. Requires Printer.	Mansfield Business Machines Ltd. 0623 26610
Mailing List	User can store 1500 names and addresses on a disk, fast search facility, prints peel off labels for mail-outs. Requires Disks and Printer.	Knights T.V. and Computers. 0224 630526
Mailing List/Database	As per Mailing list but with database feature. Requires Disks and Printer.	Knights T.V. and Computers. 0224 630526
Invoicing	Prints invoices with heading, VAT number. All price extensions automatic. Prints stock transfer note and a list of 'to follow items'.	Knights T.V. and Computers. 0224 630526
Chemist's Invoicing	Prints invoices and a list of all prescription items together with a request for a signed prescription.	Knights T.V. and Computers. 0224 630526
Contract Costing	Keeps files of building contracts records and calculations, work done, plant, material and labour costings for each section and for all sections of contract. Can be tape or disk based. Disks optional.	Knights T.V. and Computers. 0224 630526
Inflation-Linked Accounts	Prepares balances, records, debits and credits for any financial year, and forecasts based on rates of inflation. Displays result in tables or graphs. Disk or tape based. Disks Optional.	Knights T.V. and Computers. 0224 630526
TV Servicing	Instructs unskilled servicemen in repairing TV sets. Diagnostic-routines are menu-driven and new employees can repair TV sets with no previous instruction.	Knights T.V. and Computers. 0224 630526
Comparator Purch/Vendor	Compares mailing lists, matches and abstracts records against defined criteria. Suitable for Estate Agents etc. Up to 500 records. Requires Printer.	Gilbert Computers

BUSINESS MZ-80K

NAME	DESCRIPTION	AVAILABLE FROM
Contact Responder	Search and display of files for fast telephone/counter response. Up to 300 records. Requires Printer.	Gilbert Computers Ltd 0858 65894
Invoices	Invoices printed from product, price and account files. Up to 300 records. With or without pro-forma. Requires Printer.	Gilbert Computers Ltd 0858 65894
Standard Letter Processor	Printing of personalised mail from letter file and mailing list. Up to 500 records. Requires Printer.	Gilbert Computers Ltd 0858 65894
Stock Inventory	Up to 600 records, all usual features. Cassette-based. Optional Printer.	Gilbert Computers Ltd 0858 65894
Integrated Sales/Purch/Nominal Ledgers	Very comprehensive ledger package. Up to 500 accounts with up to 1,500 postings per month. Mid month Debtors and Creditors. Full sales/purchase analysis. Requires disks and printer.	H B Computers Ltd 0536 520910
Payroll	Up to 400 employees, caters for hourly, 1, 2, 3, 4-weekly paid and monthly paid. Four O/T routines. Conforms to Inland Revenue specification. Includes all year-end documentation. Fully documented. Requires disks and printer.	Tri-Data Micro's Ltd. 021 622 6085
Word Processor One (WP1)	Simple word processor containing commands, such as HELP, LIST, PRINT, INSERT, REPLACE etc. Tape or disks. Requires printer.	Sharpsoft Ltd 01 739 8559
Pageboy	For use in paging services. Details name/address/message to caller. Requires CP/M and CBASIC with optional printer.	Sharpsoft Ltd 01 739 8559
Rent Collection	Weekly/monthly/quarterly rent collections on behalf of a client. Prints demands, monthly audit, disbursements. Requires CP/M and CBASIC	Sharpsoft Ltd 01 739 8559
Update	Takes, calculates and amends records legally required for airline pilots. Up to 360 pilots on-line. Mailing feature. Requires discs and printer.	Sharpsoft Ltd 01 739 8559
Medistock	Stock control for vets. Calculates costing of drugs and packs of drugs. Notifies out of stock and below minimum levels. Cassette based with optional printer.	Sharpsoft Ltd 01 739 8559
Address Book	Stores up to 150 addresses per cassette. Printer Optional.	Prorole Ltd 0702 335298

BUSINESS MZ-80K

NAME	DESCRIPTION	AVAILABLE FROM
Mini Stock	Stock recording system. Up to 1000 items. Cassette or tape based. Requires printer.	Prorole Ltd 0702 335298
Bakery Costing	250 ingredients & up to 100 Recipes. Costs recipes, gives suggested retail prices. Re-costs recipes automatically when ingredient price changes. Can be cassette or disk-based.	All SHARP Dealers.
Purchase Ledger	180 Accounts and 30 transactions per account per month. Audit trail and all usual features. Requires discs and printer.	All SHARP Dealers.
Stock Control	Up to 4000 items. With or without Audit Trail. Stock report, out of stock. Excess stock. Re-order Report. Supplier list. Requires disc and printer.	All SHARP Dealers.
Sales Ledger	Same specifications as PURCHASE LEDGER. Requires discs and printer.	All SHARP Dealers.
Nominal Ledger	Manages up to 180 accounts. Links with SHARP Sales and Purchase Ledgers. Features include maintenance of cash book, end of month bank reconciliation, journal file for transfers between accounts. Requires discs and printer.	All SHARP Dealers.
Insurance Broker quotation system.	Program demands information on age/sex/cover required/car type and value/previous claims etc., and outputs a quotation for pre-determined companies.	O & M Systems Ltd 0232 49440

GAMES MZ-80K

NAME	AVAILABLE FROM
Swordsman, Intruder, Trader Smith, Space Invaders, Star Trek, Space Pursuit, Submarine, Life, Othello, Chess, Breakout, Concentration, Raider, Block Kuzushi, Towering Inferno, Jintori Game, Head On, Las Vegas, Escape from "Colditz", Election 1984, Simon MZ-80K, Stomper/Minfields, Asteroids, Mini Trek, 15 Game, Alderbaran # I, Commando, Empire II.	Sharpsoft 01 739 8559
Snake Island, Cosmic Invasion, Survival, Ski-Slope, Exploding Atoms, Wizards Castle, Car Racing, Computatune, Mastermind, Reaction Tester, Towers, Five-in-a-Row, Computer piano, Biorythym, B52 Attack, Klingon Attack, Black Box, Backgammon, Cribbage, Lion Tamer, Kami-Kaze Pilots, Arcade Road Race, Sharp Golf, U.F.O., Suicide Run, Wizard's Castle. Starfighter, Add Libs.	Knights TV & Computers. 0224 630526 Crystal Electronics 0803 22699
Executive Jigsaw, Square Solitaire, Nine-in-a-Line, Strategy Games Pack, Roulette, Super Fruit Machine, Twixt Twister, Gambling Games Pack, Codebreaker, Scrambler, Catacombs.	Premier Publications 01 656 6156
Black Hole, Bomb Run, Noughts and Crosses, Little Ben, Calendar, Blunt Bits, Submarine Hunt, Move a Disc, Solitaire, Roulette, Battle Ships, Trails of Demos, Guess a Word, Snap, Tutor O's and X's, Butter Fingers, Fairy Tale, Star Trek.	Computer Corner 0743 59788
Mastermind, Mini Startrek, Minefields.	Scope Ltd 01 247 8506
Mazes, Acey-Ducey, Wumpus, Awari, Teaser, Gomoku, 3-D, Lunar Lander, Gun, Startrek, Draw, Super Fire, Tank Warp/Wall, Stomper, Cribbage, Chess, Othello.	MAP 21 Ltd 01 889 7615
Blockade, Bomber, Breakout, Camelot, Catch 2000/Invader, Chess, Combat, Concentration, Cribbage, Donkey Derby, Draw, Electronic Organ, Enigma, Executive, Exploring Africa, Fall Out, Fireballs, 4-in-a-Row, Fruit Machine, Graphics/Music Pack, Guess Word, Gun, Hangman, Head on, Home Budget, Hunter Killer, Intruder, J.S. Line 4, Large Display, Life, Lunar, Lunar Lander, Mastermind, Miz Maze, Monkey Climb, Paper/Stone/Scissors, Patience, Poker, Pontoon, Racing, Racetrack, Raider, Reactor, Road Hunter, Shapematch, Showjumping, Snakes & Ladders, Space Battle, Space Invaders, Space Pursuit, Startrek, Stomper, Submarine, Super Fire, Super Simon, Swordsman, Tankwarp/Wall, Ten Pin Bowling, Trader Smith, Tycoon, 3D, U.F.O.	Newbear Computing Store Ltd 0635 30505
Snake-pit, Deflection, Maze Maker, Jungle Survival.	Chalkwell Computer Services. 0628 288373
Moonlander, Autocross, Composer, Reaction Tester, Connect Four, Bio Rythym, Plotter, Chase, Chase, Mastermind, Maniac, Fox and Geese, Poseidon, Backgammon.	Highlight Software 0787 475714
Camelot, SHARP Super Match, Fireball, Space Invaders, Lunar Lander, Star Trek, Space Fighter, Asteroids, 21, Break Out, Bowling, 3D-Maze.	Prorole Ltd. 0702 335298

HOBBY/HOME MZ-80K

NAME	DESCRIPTION	AVAILABLE FROM
TV Test Card	Generates professional style test cards, squares, grills, bars, audio test tones etc.	Knights TV & Computers 0224 630526
Radio Teletype	Generates RTTY audio signals at 45 or 50 baud rates. Many facilities available.	Knights TV & Computers 0224 630526
Morse by Sight & Sound	Produces morse code from words entered on the keyboard and displays them on the screen. Seven speeds.	Knights TV & Computers 0224 630526
Complex Morse Tuition	Allows speeds up to 30 words per minute. Words, groups and figures.	Knights TV & Computers 0224 630526
Satellite Tracking	Tracks the orbiting OSCAR communications satellite.	Knights TV & Computers 0224 630526
International Beacons	Displays radio beacons between 28MHz and 146 MHz. Various selection criteria.	Knights TV & Computers 0224 630526
Contest Checklog	Checks for repeat contacts on each band and stores the data on cassette for using during two weekend contests.	Knights TV & Computers 0224 630526
Antenna Calculations	Calculates antenna lengths etc.	Knights TV & Computers 0224 630526
Morse Tutor	Teach and practice reception of morse code at variable rates up to 20 words/min.	Sharpsoft 01 739 8559
Home finance	User can generate a personal data file containing estimated monthly expenditure.	Sharpsoft 01 739 8559
Home Budget	Keep track of your home finances.	H.B. Computers Ltd 0536 520910
Cheque Book	Itemised breakdown of your cheque book. Ideal for personal finance. Requires XTAL BASIC.	Crystal Electronics 0803 22699
Music Composer	Compose, display and play music.	Newbear Computing Store Ltd. 0635 30505

HOBBY/HOME MZ-80K

NAME	DESCRIPTION	AVAILABLE FROM
R.A.E. Tutor	Consists of 54 questions, including 12 circuits, in two section. Multiple choice answers with question review option.	Howes Electrical Services 0522 32379
Circuit Compiler	Construct circuits on VDU. Circuits can be stored on tape. Printer optional.	Howes Electrical Services 0522 32379
Bank account	Input income and outgoings to produce monthly statements with up to 50 headings.	Highlight Software 0787 475714
Address book	Stores names/addresses/telephone numbers of up to 250 individuals.	Highlight Software 0787 475714

LANGUAGES MZ-80K

NAME	DESCRIPTION	AVAILABLE FROM
Knight Forth	Interpreter and compiler. 70 commands including COMPILE, DO LOOP, IF-ELSE-THEN, VAR, GETKY etc., etc.	Knights TV and Computers 0224 630526
Knight Compiler	Compiler for Sharp Basic	Knights TV and Computers 0224 630526
Pilot	Integer version of PILOT	Computer Corner 0743 55166
Xtal BASIC	An extendable BASIC, that gives more commands and occupies 5K less than SP-5025.	Crystal Electronics 0803 22699
Xtal CP/M	The standard CP/M operating system that enables most CP/M software to run on the MZ-80K. Requires hardware modification to MZ-80K.	Crystal Electronics 0803 22699
C-BASIC	Non interactive BASIC with pseudo-code compiler and run-time, interpreter. Requires CP/M modification to SHARP MZ-80K.	Crystal Electronics 0803 22699
Tiny Basic	A 3K integer BASIC for use by beginners and in games where speed and size is important.	Chalkwell Computer Services.
Zendos	Machine code disc operating system. Optimised for use with ZEN Editor/Assembler. Allows use of assembly language programs on disk based systems.	Newbear Computing Store Limited 0635 30505
Zen	Editor/assembler for Z80 code occupying 4.5K RAM.	Newbear Computing Store Limited 0635 30505
Fig-Forth	Package consists of FORTH. ASM and FORTH. COM files, FORTH line editor for program development, and books/documentation. Requires CP/M.	Sharpsoft Ltd 01 739 8559
Zen Assembler/Debugger	Package consists of (1) program to transfer ZEN assembler tape source files to disc, (2) ZEN editor/assembler (3) interactive testing and debugging program. Requires CP/M.	Sharpsoft Ltd 01 739 8559

SCIENTIFIC/EDUCATIONAL MZ-80K

NAME	DESCRIPTION	AVAILABLE FROM
Half-life Concept	Interesting games approach to teaching the half-life concept using "Radio Active" casino-chips.	Knights T.V. and Computers 0224 630526
Multigrad	A multiplication teaching program.	Knights T.V. and Computers 0224 630526
Teach Tables	Designed to teach tables. Tests are timed and scored.	Knights T.V. and Computers 0224 630526
Forecast	Will accept up to 200 data from keyboard and/or tape. Forecast is calculated and presented as a bar graph of figures.	MAP 21 Limited 01 889 7615
Statistic-1	Calculates mean, variance and standard deviation. Individual or grouped elements sets allowed.	MAP 21 Limited 01 889 7615
Linear Regression	Fits straight line using least squares. Equation of line, coefficient of determination, coefficient of correlation and standard error are printed.	MAP 21 Limited 01 889 7615
Matrix Pack	Suite of 3 programs for matrix:- (1) Addition/Subtraction/scalar multiplication (2) multiplication (3) inversion	MAP 21 Limited 01 889 7615
School Admin. Package	Consists of 4 modules:- (1) Maintain file of pupil data (2) List file of pupil data (3) School bank details (4) School bills using main data file. Link to a nominal ledger available.	Microtek Limited 0473 50152
Statistics	Calculates means, standard deviation, variances, co-variances and number of data points.	Knights T.V. and Computers 0224 630526
Curve Fitting	Calculates intercept, slope, co-efficient of determination and displays regression curves. Linear, exponential, power and log curves.	Knights T.V. and Computers 0224 630526
Data Regression	Primary and secondary graphs and histograms can be displayed and printed. Requires Disks and Printer.	Knights T.V. and Computers 0224 630526
Student T Test	Input paired or unpaired data and display value of T and degree of freedom in tables and graphically.	Knights T.V. and Computers 0224 630526
Chi-squares	Input expected and actual observed values to display Chi squares.	Knights T.V. and Computers 0224 630526
Contingency	Tests whether two variables are independent. Input values of X1J and X2J to display degrees of freedom etc.	Knights T.V. and Computers 0224 630526

SCIENTIFIC/EDUCATIONAL MZ-80K

NAME	DESCRIPTION	AVAILABLE FROM
Major Scales	Displays stave on screen and each note lights up as it is played.	Knights T.V. and Computers 0224 630526
School's Disk	Contains variety of statistics programs, electrical calculations, mechanics calculations etc. Requires Disks and Printer.	Knights T.V. and Computers 0224 630526
Composite Mean and standard Deviation	Produces neat tables of these standard calculations. Requires Printer.	Knights T.V. and Computers 0224 630526
Cordinwars	Teaches the theory of co-ordinates in a novel way.	Knights T.V. and Computers 0224 630526
Directed Numbers	Uses a "number line" to teach difficult arithmetic concepts to school children.	Knights T.V. and Computers 0224 630526
Division	Teaches division, giving the pupil incentives for correct answers.	Knights T.V. and Computers 0224 630526
Match-the-Character	Suitable for 3 to 5 years age range. Matches up to 4 characters on keyboard with display. Machine responds on correct selection.	Highlight Software 0787 475714
Match-the-word	Suitable for 4 to 7 age range. Select a category and then match from keyboard the displayed word from that category.	Highlight Software 0787 475714
Picture-count	Suitable for 3 to 4 age range. Computer displays one of 20 pictures and child counts number of them on the screen.	Highlight Software 0787 475714
Count-and-add	Suitable for 4 to 7 age range. Similar to Picture-count but 2 sets of pictures displayed at the same time which must be counted separately.	Highlight Software 0787 475714
Basic Tutor	A comprehensive self-teaching course on BASIC programming.	Prorole Ltd 0702 335298
Deskmate	Various utilities including imperial to metric conversion. Time conversion for different parts of globe. Also has running clock.	Prorole Ltd 0702 335298
Blibrite	Computer aided learning program to teach child under 5 to write.	Sharpsoft Ltd 01 739 8559
Type Feature	Teaches how to type on each of 3 QWERTY Key lines. With a timing feature.	Sharpsoft Ltd 01 739 8559
Sharp Plot	Plots onto screen or printer one of 5 different types of graph using stored data.	Sharpsoft Ltd 01 739 8559

SCIENTIFIC/EDUCATIONAL MZ-80K

NAME	DESCRIPTION	AVAILABLE FROM
Super Copy	Copies any type of SHARP tape-machine code, text, data. Allows stacking of data. Built in verification.	Newbear Computing Store Ltd 0635 30505
Memory Test	Continuously running RAM test	Newbear Computing Store Ltd 0635 30505
Basic Extension	Adds commands such as AUTO, DELETE, BREAK, TRACE, RENUMBER, STEP and additional functions to SP-5025 BASIC.	Newbear Computing Store Ltd 0635 30505
Disassembler	Two pass. Source compatible with ZEN	Newbear Computing Store Ltd 0635 30505
Dissassembler 2	Eight mode dis-assembler including output to tape compatible with SHARP SP-2202 Text Editor.	Knights TV & Computers 0224 630526
Knight Commander	Adds commands such as AUTO, APPEND, DELETE, DUMP, PRINT SCREEN, PRINT AT, RENUMBER etc to SP5025 but takes no extra memory.	Knights TV & Computers 0224 630526
MZ-80K Tape Copier	Copies all data and program tapes.	Knights TV & Computers 0224 630526
Renumber	Fast renumber changes all GOTO's, GOSUB's etc.	Knights TV & Computers 0224 630526
Byte Searcher	Will search for specified bytes e.g. calls, jumps etc.	Knights TV & Computers 0224 630526
Memory Dumper	Displays location contents on the screen.	Knights TV & Computers 0224 630526
Disassembler	Single pass disassembler with monitor routines, allow memory dumps etc.	MAP 21 LTD 01 889 7615
Monitor disassembly	Annotated listing of SHARP monitor SP-1002	Newbear Computing Store Ltd 0635 30505
Tape Basic Copy	Generates security copies of BASIC tapes.	MAP 21 LTD 01 889 7616
Utilities Pack	Allows user unfamiliar with PEEK's and POKE's to draw horizontal and vertical lines. Particularly useful in games software.	Premier Publications. 01 656 6156
Ardensoft Programmer's tool kit.	37 commands to assist the programmer in writing and debugging programs.	Sharpsoft 01 739 8559

SYSTEMS/UTILITIES MZ-80K

NAME	DESCRIPTION	AVAILABLE FROM
Renumber 5025	Renumbers SP-5025 source code.	Sharpsoft 01 739 8559
Tape file copy	Allows security copying of binary and BASIC source files on tape.	Sharpsoft 01 739 8559
Disk file copy	Allows security copying of Master or slave disks. Supplied on cassette.	Sharpsoft 01 739 8559
Table	Lists variable names and line numbers in a BASIC program. Tape or disc.	Sharpsoft 01 739 8559
Search and replace	Searches and/or replaces variable name, number or ASCII string and indicates line numbers. Tape or disc.	Sharpsoft 01 739 8559
Dump	Displays in hex, the contents of page of memory. Tape or disc.	Sharpsoft 01 739 8559
Renumber	Renumber written in BASIC. Tape or disc.	Sharpsoft 01 739 8559
Memory Test	Tests RAM	Sharpsoft 01 739 8559
Disassembler	Single pass disassembler with simple monitor routines.	Sharpsoft 01 739 8559
Datan	Data analysis and retrieval package. Database system that stores up to 500 records of 250 characters. Searches on 10 fields simultaneously. CP/M and CBASIC required. Optional Printer.	Sharpsoft 01 739 8559
Simon	Database system. Maximum record size of 240 characters with up to 12 fields. Commands include AMEND, ALTER, SORT, SPOOL, MATCH, SAVE LOAD etc.	Chalkwell Computer Services. 0268 288373
Machine Language	Tape and Manual that enables programming in Machine code.	All SHARP dealers.
Systems Program	3 Tapes and 2 Manuals that facilitates programming in Z80 Assembler Code.	All SHARP dealers.
IBM Copy	Download service to copy 8" IBM format single sided, single density discs to 5 1/4" SHARP MZ80K. Format discs for any CP/M software.	Crystal Electronics 0803 22699
Uni-boot	Loads object files from disc faster than the SHARP operating system.	Datron Interform Ltd 0742 585490
Speed-Up Basic	Patches Disk BASIC so that commands such as LOAD, SAVE, DELETE etc. run faster.	Datron Interform Ltd 0742 585490

HARDWARE MZ-80K

NAME	DESCRIPTION	AVAILABLE FROM
Knight Superspeed	4 MHz processor – programs and tape run at twice standard 2MHz.	Knights TV & Computers 0224 630526
Knight Vision	Changes MZ-80K to 80 character display.	Knights TV & Computers 0224 630526
Knight Comms	Sends radio teletype and morse generated by MZ-80K. Unit allows connections between MZ-80K and transmitter.	Knights TV & Computers 0224 630526
I/O Module	Allows system monitoring and control functions. 8 input/8 output and 8TTL compatible software selectable channels.	Mektronic Consultants 061 798 0803
Universal I/O Card	Buffered circuit board for 8 bits parallel. Port addresses set up by on-board address selector. For use in SHARP MZ-80I/O.	All SHARP Dealers
RS232 Interface.	V24/RS232 Printer Interface.	Newbear Computing Store 0635 30505
JH023	Parallel I/O board. Plugs into interface unit.	Howes Electrical Services 0522 32379
JH020	General purpose output card for industrial process control/education etc.	Howes Electrical Services 0522 32379
JH022	2 channel A/D board	Howes Electrical Services 0522 32379
JH021	General purpose input card for industrial/process control/education etc.	Howes Electrical Services 0522 32379
Modulator board	Enables user to provide TV or monitor output from the MZ-80K.	Datron Interform Ltd 0742 585490
A/D convertor unit	A/D Converters. 4/8/16 analogue inputs. 12 bit resolution A/D.	Digital Design and Development 01 387 7388
Fast data acquisition system	4 channel 12 bit D/A convertor.	Digital Design and Development 01 387 7388

HARDWARE MZ-80K

NAME	DESCRIPTION	AVAILABLE FROM
Relay control card	8 relay control card with a separate address for each relay.	Digital Design and Development 01 387 7388
B.C.D. input card	Six B.C.D. digit-input card. Fully opto-isolated with handshake on each byte.	Digital Design and Development 01 387 7388
Serial Card	RS232 compatible bi-directional board. Link selectable baud rates, word length and stop bits. Plugs into MZ80 I/O. Complete with software and interfacing information.	Crystal Electronics 0803 22699

ACCESSORIES MZ-80K

NAME	DESCRIPTION	AVAILABLE FROM
Green Screen	3 mm sheet in emerald green to be fitted without modification to the MZ-80K.	MAP 21 Ltd 01 889 7615
Dust Cover	Heavy duty vinyl cover. Black, with "Sharp" in white letters.	MAP 21 Ltd 01 889 7615
Dust Cover	Black, waterproof dust cover for Sharp MZ-80K and printer.	Highlight Software 0787 475714

Suppliers listed in this catalogue

B and B Computers Ltd
124 Newport Street
BOLTON
Lancashire
BL3 6AB
0204 26644

Computer Corner
13 Barker Street
SHREWSBURY
SY1 1QJ
0743

Datron Interform Ltd
2 Abbeydale Road
SHEFFIELD
S7 1FD
0742 585490

Gilbert Computers Ltd
Old Hall Lane
LUBENHAM
Leicestershire
0858-65894

Highlight Software
3 Nether Court
HALSTEAD
Essex
CO9 2ME
0787-475714

Knights TV & Computers
108 Rosemount Place
ABERDEEN
AB2 4YW
0224-630526

Mansfield Business Machines Ltd
21 West Bank Avenue
MANSFIELD
Notts.
0623-26610

Chalkwell Computer Services
72 Rise Park
BASILDON
Essex
0268 288373

Crystal Electronics
40 Magdalene Road
TORQUAY
Devon
0803-22699

Digital Design and Development
18/19 Warren Street
LONDON
W1P 5DB
01-387-7388

H.B. Computers Ltd
22 Newland Street
KETTERING
Northants
0536-520910

Howes Electrical Services
44 Fen Road
WASHINGBOROUGH
Lincoln
LN1 1AD
Lincoln 32379

MAP 21 Ltd
9 Herbert Road
LONDON
N11 2QN
01-889-7615

Mektronic Consultants
116 Rectory Lane
Prestwich
MANCHESTER
M25 5DB
061-798-0803

Suppliers listed in this catalogue

Microtek Ltd
15 Lower Brook St
IPSWICH
Suffolk
0473-50152

Norsett Office Supplies Ltd
Myrtle House
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0934-742184

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12 Kingscote Road
Addiscombe
CROYDON
01-656-6156

Scope Ltd
Stone House
128-140 Bishopgate
LONDON EC2
01 247-8506

Sumlock Electronic Services
(Manchester) Ltd
196 Deansgate
MANCHESTER
M3 3WE
061 834-4233

Newbear Computing Store Ltd
40 Bartholomew St
NEWBURY
Berks
0635-30505

O & M Systems
95 Dublin Rd
BELFAST
Northern Ireland
0232-49440

Prorole Ltd
642 London Road
WESTCLIFF-ON-SEA
Essex
0702-335618

Sharpsoft Ltd
86/90 Paul Street
LONDON
EC2A 4NE
01-739-8559

Tri-Data Micros Ltd
Smithfield House
Digbeth
BIRMINGHAM
B5 6BS
021-622-6085

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RANGE OF MICROCOMPUTERS

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First, and foremost

Sharp Electronics (UK) Ltd
Sharp House, Thorp Road, Newton Heath
MANCHESTER M10 9BE