

P-Y-R-A-D-E-V

THE
COMPLETE
AMSTRAD
UTILITY

INCLUDES:
EDITOR
ASSEMBLER
MONITOR
DISC-NURSE
UTILITIES
SELF-TEACH

AMSTRAD CPC 464/664/6128

WHEN YOU HAVE MADE THE

DISCOVERY

NOTHING ELSE COMES CLOSE

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AMSTRAD CPC 464/664/6128

PYRADEV is a set of five programs which collectively provide a secure and comfortable environment for the development of AMSDOS and CPM software on the Amstrad machines mentioned above, using the DD1 disc system. The system is AMSDOS based and does not require extra ROM or RAM. It will support large programming projects on single or double drive systems and consists of the following programs:—

*A very fast full screen **SOURCE FILE EDITOR**
A multi-file **Z80 MACRO ASSEMBLER/Linker**
A powerful debug **MONITOR** and **DIS-ASSEMBLER**
A friendly and easy to use **DISC-NURSE**
A comprehensive **FILE MANAGEMENT utility***

The **EDITOR** uses its own special disc read and write routines enabling large files (up to 32,300 bytes) to be quickly accessed and edited.

Code can be searched, replaced, entered, deleted, moved, copied, merged, (across files). In addition, files can be erased, renamed, deleted and so on. Space compression is used throughout to make the best use of the AMSTRAD memory and disc capacity.

The **ASSEMBLER** allows up to 32 files to be selected in a single assembly. They can be on different discs (if two drives are used) allowing up to 992K of source code (about 5 discs) to be processed into a single binary file. Video or Print output can be toggled on/off as required. Symbol and Cross-Reference maps may also be produced. The Assembler is very fast, processing up to 40,000 source code characters a minute on 64K systems. On larger systems, the additional RAM is fully utilised for increased performance.

The self-relocating **MONITOR** will load, trap, single step, double step, modify and write code back to disc. In addition, ROMs can be selected and studied. During debug mode, registers can be modified and screen prints can be taken at any time. Code dis-assembly can be output to a printer or ASCII files.

The **DISC-NURSE** handles system, data and IBM style discs. File sectors can be searched, viewed, printed, modified and re-written.

The search can be extended to the whole disc if required. Whenever a sector is read the file-owner is displayed. Previously deleted files can be re-claimed if subsequent sector allocation has not corrupted the data. An extended Directory feature enables the disc directory to be printed with a header message, in a detailed format suitable for disc housekeeping lists.

The **UTILITY** (file-manager) program provides directory display, erase, rename, copy to/from discs and tape all in a single and easy to use program. Input file headers are always displayed and protection can be inserted or removed in all copy operations. This is the easy way to manage ALL standard AMSDOS files.

For those that are not conversant with the ramifications of machine-code programming, included in the package is a self-teach section with a complete example of all Z80 instructions and various test programs to help the user familiarise himself with the functioning of **PYRADEV**.

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DISCOVERY SOFTWARE

Alpha House, 10 Carver Street, Sheffield S7 4FS

Tel: (0742) 753423



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