# CAMBRIDGE CO-PROCESSOR

ACORN SCIENTIFIC

KEYBOARD CARD

# Panos Editor

| Start-up Options | |
|---|---|
| –File <name> | Name of file to edit |
| –Line <number> | Cursor position on entry |
| –Buffer <size> | Specify size of buffer (default is 50,000 bytes) |
| –Obey <KeyLog file> | Obey an existing keylog file |
| –New | A new file of given name is created |
| –Browse | Prevents edited file from being changed |

To enter: Edit RETURN
To edit a file: Edit <file name> RETURN
Type Edit –help RETURN for start-up options
SHIFT + ESCAPE for on-line help

For detailed queries,
see the Panos Guide to Operations

## Control Key Commands

| | |
|---|---|
| CTRL – F | Auto-wrap switch |
| CTRL – T | Tabs highlighted |
| CTRL – U | Line deleted |
| SHIFT + TAB | Undeletes |

## Window Control

| | |
|---|---|
| CTRL – *f*6 | Edit a file whilst already in the editor |
| CTRL – SHIFT – F | Extends window to full size e.g. after splitting |
| CTRL – SHIFT – D | Duplicate the current window |
| CTRL – SHIFT – S | Split the current window |
| CTRL – SHIFT – ^ | Switch windows: other window placed on top of current window |
| CTRL – SHIFT – \ | Switch window |
| CTRL – SHIFT – K | Kill a window |

| | f0 | f1 | f2 | f3 | f4 | f5 | f6 | f7 | f8 |
|---|---|---|---|---|---|---|---|---|---|
| | **Mark** | **Move** | **Delete** | **Panos** | **Learn** | **Save** | **Load** | **Search** | **Replace** |
| *f* key + CTRL | Jump to marker | | | | | | Edit an extra file | | |
| *f* key + SHIFT | Jump to Line | Copy block | Delete block | + Yes Leave editor | Execute learnt sequence | | Clear, then load file | Repeat search | Repeat replace |
| *f* key | Set marker | Move block | Delete marker | Panos Command Line | Switch for learn sequence | Save as file | Load file | Search | Replace |

| | ← | → | ↑ | ↓ |
|---|---|---|---|---|
| SHIFT + CTRL | shift buffer | shift buffer | shift buffer | shift buffer |
| CTRL | start of line | end of line | start of text | end of text |
| SHIFT | | | page | page |
| Key | character | character | line | line |

## Search field characters

| | |
|---|---|
| . | matches any character including spaces, punctuation marks etc. |
| $ | matches end of line |
| @ | matches the 'identifier' characters 0–9, a–z, A–Z, and @ |
| # | matches the digits 0–9 |
| * c | matches zero or more of c in succession, always finding the shortest match |
| ^ c | matches one or more of c in succession, always finding the longest match |
| c 1 – c 2 | matches any single character in ASCII order between c 1 and c 2 |
| [ a b c ] | matches any one of a , b , or c where a b and c are single characters |
| \| c | matches CTRL – c if c is in the range ASCII 64 to ASCII 95 |
| \| ! c | matches the character with ASCII code of c plus 128 |
| £ | is a switch for case sensitivity |

| Replace field characters | |
|---|---|
| $ | stands for a newline |
| & | stands for the whole of the matched string |
| \| c | as search patterns |
| \| !c | as search patterns |
| %n | stands for the nth (counting from 0) wildcard section in the search pattern. For example, %*0 represents the first * match in the search pattern. |

| | *f*0 | *f*1 | *f*2 | *f*3 |
|---|---|---|---|---|
| CTRL | | | | |
| SHIFT | Jump to BASIC line | Copy to buffer | Delete marked block | Return to BASIC |
| Key | Insert/ Overtype | Set marker | Insert from buffer | OS star commands |

| | |
|---|---|
| `>EDIT` | Enter the BASIC editor |
| `>LOAD "filename"` | |
| `>EDIT` | Edit an existing file |
| SHIFT + *f*3 | Leave the BASIC editor |
| SHIFT + CTRL + *f*0 | Delete BASIC line |

| ← | → | ↑ | ↓ |
|---|---|---|---|
| Start of BASIC line | End of BASIC line | Top of file | Bottom of file |
| Start of screen line | End of screen line | Up a screen | Down a screen |
| Left a character | Right a character | Up a line | Down a line |

# Panos Commands

| | | | |
|---|---|---|---|
| access | delete | rename | asm32 |
| catalogue | echo | set | cc |
| configure | edit | show | f77 |
| copy | link | star | lisp |
| create | logon | | pascal |

Type <command-name>-help OR help <command-name> for a complete list of keywords associated with that command.

**COMMON KEYWORDS** (UPPER case denotes minimum abbreviation)

| | | | |
|---|---|---|---|
| –Help | Prints a summary of arguments | –Verbosity <number> | Sets level of warning/error information |
| –IDentify | Prints version number | –Confirm | Confirmation will be necessary (default is 'Noconfirm' except in delete) |
| –ERRor <name> | Output for error messages (default is screen) | –Force | Locked files are unlocked, files are overwritten |
| –CONTrol <name> | Input for utility (default is keyboard) | –Abandon | Utility will be exited if any error occurs. |

Panos Guide to Operations
– includes linker and editor guides as well as how to use other utilities, built-in commands, and command files.

Panos Programmer's Reference Manual
– detailed document describing Panos modules.

Co-Processor User Guide
– how to get started, installation, examples of use.

| | |
|---|---|
| ACORN 32000 ASSEMBLER | Reference Manual |
| BBC BASIC | Reference Manual |
| CAMBRIDGE LISP | Reference Manual |
| C | Reference Manual |
| FORTRAN 77 | Reference Manual |
| ISO Pascal | Reference Manual |

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