



# TORCH

## BUILT-IN COMMANDS

Background	Change background colour, e.g. B 4
*BASIC or BASIC	Enter BBC BASIC. (return using *CPN)
Command ufn	Execute a command (.SUB file)
COPY afn TO afn	Copy a file or group of files
*CPN	Re-enter the TORCH operating system
DELEte afn	Delete one or more files
DIRectory afn opts	Display files on disc. Vaild opts are: S - space L - sizes P - protection n - userno.
DUPLICATE	Copy disc in B to blank disc in A
Foreground	Change foreground colour, e.g. B 4
FORMAT	Prepare a blank disc for storing data
HELP	Display a list of the commands available
INPUT ufn	Read lines into a file until 'ctrl-Z'
*KEY number string	Set up a function key
MODE number	Change the screen format (see below)
PRINT afn	Copy one or more files to the printer
PROTECT afn opts	Change the protection of a file or files
REName afn AS afn	Change the name of one or more files
TYPE afn	Display a file or files on the screen
USER number	Select the current user number
VDU number,number...	Send the codes given to the screen driver
VIEW ufn	Copy an entire file to the screen driver

Note: ufn means unambiguous file name, afn is ambiguous file name.  
Commands may be abbreviated to their part shown in upper case above.

## SCREEN MODES

Mode	Graphics	Text	Colours
0	640x256	80x32	2
1	320x256	40x32	4
2	160x256	20x32	16
3	none	80x25	2
4	320x256	40x32	2
5	160x256	20x32	4
6	none	40x25	2
7	Teletext	40x25	16

## COLOUR CODES

2 colour modes:  
0 black 1 white

4 colour modes:  
0 black 1 red 2 Yellow 3 White

16 colour modes:  
(and F & B commands)  
0 black 1 red 2 Green 3 Yellow  
4 Blue 5 Magenta 6 cyan 7 White  
8 is 0 flash 7, 9 is 1 flash 6 etc.

## KEYBOARD OPERATIONS

### • In command mode: ( OA> )

Hold <ctrl> and press X delete line  
Hold <ctrl> and press C change discs  
Hold <ctrl> and press P printer on/off  
Hold <ctrl> and press E onto next line

### • At any time:

Hold <ctrl> and press <shift> stops scrolling

### • Cursor Edit Keys:

These are upper-case, lower-case, move-past, move→, and move←. They cause an editing cursor to appear which is moved about the screen, and characters are copied from this cursor to the normal cursor. (See User-Guide).

### • Blue Function Keys:

These are programmed using the \*KEY command, described in the USER GUIDE. The first four on the left are normally programmed to give QUIT, HELP, NO, and YES.

### USEFUL \*FX COMMANDS

\*FX 5,0 Ignore printout  
\*FX 5,1 Use parallel printer  
\*FX 5,2 Use serial printer

\*FX 7,x Set up receive baud rate  
\*FX 8,x Set up transmit baud rate

#### Values for x:

1	75baud	5	2400baud
2	150baud	6	4800baud
3	300baud	7	9600baud
4	1200baud	8	19200baud

\*FX 9,t and \*FX 10,t Flashrate=t

\*FX 0 Display MOS number

## PRINTERS - A WARNING

If you do not have a printer connected to your TORCH computer, and try to print characters to the printer, the TORCH may stop and wait for a printer to be connected before proceeding.

To prevent this happening, you can use the command \*FX 5,0 before running any programs which may try to use the printer.

## ERROR MESSAGES

### Message

No Z80!

Disc A track NN hardware error OC  
Disc A track NN hardware error OE  
Disc A track NN corrupt  
Disc A track NN hardware error 1B  
Disc A track NN is read only

Invalid \* command or break

User Program Error NN

Empty Program

Invalid filename - 'PROGRAM'

File not found - 'PROGRAM'

Command too long.

Separator not 'TO'

Separator not 'AS'

Invalid number

### Explanation and Suggested Action

Faulty Z80 card - see dealer for repair.

Corrupted disc Copy any files you can  
corrupted disc to another disc and discard  
Corrupted disc the original.  
Disc was incorrectly formatted  
The disc is write protected. If you really  
want to write to it, remove the protect seal.

A command starting with \* was not valid.  
Check spelling. (Also with ctrl-shift-esc)  
The program running has gone wrong. Check  
with the programmers guide.  
The program is an empty file or corrupt.  
Take a new copy from your backup disc.  
Filename used was incorrect - check the spelling.  
File not on disc. Check the directory using DIR.  
A key defining command was too long.  
When using COPY or RENAME the word TO or AS  
was not between the filenames - re-enter command.

A command expecting a number did not get one.

\*KEY number string defines a function key.

The number normally lies in the range 0 to 10, meaning the nth blue key from the left. The string given is associated with that key. To include a 'return' in the key definition, use a vertical bar followed by M.

\*KEY 4 DIR M causes key 4 to give a directory  
of the files on the current disc.

\*KEY 5 F 2 M will make key 5 change the text  
foreground colour to green.