

# ADFS upgrade

The BBC Microcomputer  
System

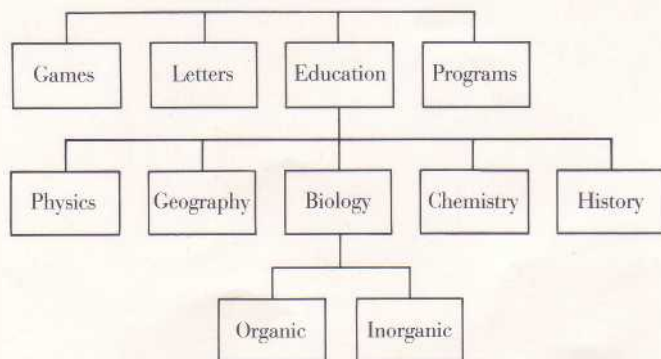
## Advanced Disc Filing System (ADFS)

**The Advanced Disc Filing System  
may be fitted to the British  
Broadcasting Corporation Model  
B+ or to the BBC B that has the  
1770 Disc Interface fitted.**

- \* dramatically increased storage capacity disc drives
- \* storage of an unlimited number of files in structured format
- \* full filename descriptions

The ADFS uses double data density reading and writing to the disc, this increases dramatically the storage capacity of the disc drives. Using ADFS a twin double sided 80-track floppy disc drive increases capacity from 800k to 1.28Mbytes. These increases in disc capacity have been structured to give the user maximum reliability with the range of disc drives available on the market.

ADFS uses a hierarchical directory structure, that is where each directory can have new directories listed for the next level down. Each directory can hold a mixture of files, programs or new directory names. 47 in total. As there are 128 directory levels, the number of files are unlimited. Programs may have the same names if they are in different directories.



**Hierarchical Directory Structure**

With ADFS file names can be up to 10 characters in length. Also, using the directory structure files can be defined more clearly e.g. EDUCATION. CHEMISTRY. INORGANIC. filename (see diagram). ADFS treats both sides of a floppy disc as one continuous surface. This doubles the file size for programs using large quantities of disc data storage.

The ADFS pack consists of:  
ADFS ROM

User Guide (including fitting instructions)  
Utilities Disc

Acorn Computers Ltd.,  
Fulbourn Road, Cherry Hinton,  
Cambridge CB1 4JN.

British Broadcasting Corporation is abbreviated to BBC through the text. Every effort is made to ensure that the information in this leaflet is correct, but we reserve the right to make alterations at any time. No responsibility is accepted for errors or omissions.

