Support Group Application Note
Number: 019
Issue: 1.00
Author: PFD

DFS Error Messages

There have been a number of revisions of the DFS firmware and software fitted to the various 8 bit machine. The error messages have remained consistent throughout the revisions and this application note lists the fault numbers with a description.

Applicable Hardware :

BBC Model B
BBC Model B +
BBC Master 128

Related Application Notes:

Support Group
Acorn Computers Limited
Acorn House
Vision Park
Histon
Cambridge CB4 4AE

Error 08 (clock error)

During a disc read operation a clock bit was missing.

Error 0A (late DMA)

During a disc transfer the processor did not respond fast enough, most likely due to a faulty disc interface card.

Error 0C (ID Field CRC error)

The cyclic redundancy check derived from the data read back differed from that stored on the disc.

Error 0E (data CRC error)

The cyclic redundancy check derived form the data read back differed from that stored on the disc during a disc read.

Error 10 (drive not ready)

During a transfer the disc stopped rotating. Often caused by a badly inserted disc.

Error 14 (track zero not found)

Controller failed to find track zero. Often an unformatted disc.

Error18 (sector not found)

Controller failed to find required sector. Either a corrupted or an unformatted disc.