

Support Group Application Note

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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:

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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 from 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.