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Subject: seeking on an Apple IIe

Posted by [Geoff\[1\]\[2\]\[3\]\[4\]&](#) on Tue, 17 Sep 2013 18:47:20 GMT

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I have been trying to get some information on how to communicate directly with my disk drives. I found one very good book called 'Beneath Apple Dos' which tells most of the gory details. It gives all the right locations to punch to do reads and writes, and even gives examples of code which will perform the writes in the required 32 cycles/byte. However, when they get to seeking to a given track, all they say is that turning the arm stepper motor phases on in sequence from 1-4 moves it one way and 4-1 it moves it the other. It then says that the timing of these phases is critical and they recommend using rwts to do it. Period. NO indication of what is critical, how long the phases must be on and off, and so forth. (If rwts can do it consistently, it can't be that damned difficult!).

I want to be able to run completely stand-alone, without DOS in the system at all (this makes calling rwts rather difficult). Has anyone out there had any experience with this (or just knows the magik numbers?).

thanks, all,

geoff sherwood  
burl!geoff