

Note: Setup of Compact Flash for Black Box (or MIO) with ACARD Adapter

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**I used the geometry data from the Sandisk CF card to plug into the Controller List Page.
In my case it is**

**I.D. A
Type SCSI
Unit, LUN 0,0
Heads 0 (which means 16)
Cyl. 993
Step 07
SecSize 512**

Then on the Partition List:

**1 A is "SANDISK01" (my name for this partition) and it is assigned as D1:.
I have only assigned one partition, but the BB allows up to 99 (IIRC) partitions of user-selectable sizes. But one suggestion – make all partitions the same number of sectors. I use 60000 – then I never have to remember differing partition sizes to tell MyDos.**

Power:

The Acard adapter supplies power sufficient for a compact flash, so connect +5VDC to the Acard adapter only. Mine is powered from the power and ground pins on the BB. Important: when powering up, the Acard requires several seconds to run it's internal diagnostics and to wait for a drive to "spin up." The "busy" light will flicker briefly when the checks are complete. So do not falsely "give up" thinking that something is amiss during this pre-boot period.

For the MIO, the setup is easier -- the MIO hardware will determine the geometry. All that must be done is to provide the sectors and sector size used for the drive(s).