

BETA TESTING NOTES EXPANSION CHASSIS

Ports

When using the expansion unit keep in mind that MacCharlie has a parallel port, LPT1 and a serial port, COM1. It also assumes that a monochrome monitor is connected (the Macintosh monitor). You need to make sure that any cards added to the expansion unit are set for this situation. An examples is to change any parallel port to be addressed as LPT2.

Powering UP

Another important point is that the expansion unit needs to be powered up first before the MacCharlie. If this doesn't occur you will get the MacCharlie window but the 8088 will not engage. Should this occur, pull down the command menu on MacCharlie and choose "Restart", and it should boot at that time. In extreme cases you may need to shut everything down and make sure the expansion unit is powered up first and MacCharlie is powered up second.

Hard Cards

It is possible to install a hard card in upside down. We have found that they function fine, but if possible, we recommend that the the card be installed with the drive in the "up" possible position.

Above Board Memory

MacCharlie does not allow for any extra memory above 640K so if you are using any cards that happen to have extra memory on them you need to make sure that memory is disabled.

EGA Cards

EGA cards that have been tested have been found to conflict with the clock driver that Dayna provides on MacCharlie's MS DOS. The EGA cards will work if you go in and edit the config.sys to disable the clock driver.

DMA

Just like in an IBM PC, MacCharlie with an expansion chassis is limited to three direct memory access channels. These channels are used by such devices such as floppy disk drives, hard disks (or cards) and network cards. However, because Dayna's expansion chassis gives you so many slots, you could conceivably attempt to add more than three DMA devices. This is not possible, due to IBM's system limitation, unless the particular device has some defeat mechanism.