```
        lda             (pcaddr),y   $CsFF
        clc
        adc #3
        sta             pcaddr
        rts             carry clear signals pc found
pc.sig  .HS FF.20.FF.00.FF.03.FF.00
```

Once you have the address of the Protocol Converter firmware, you can call it in a manner similar to ProDOS MLI calls. You must plug the address of the Protocol Converter firmware into a "JSR" instruction, which is immediately followed by a one-byte command and a two-byte address.

The command number is a number from $00 to $09 which specifies which action you want the Protocol Converter to take.

The address is the address of a parameter block, which provides additional information for processing the command, or a place for the information returned by the command.

After the Protocol Converter has finished processing your command, it returns control to the next byte after the pointer to the parameter block. If carry is clear, there was no error. If carry is set, the A-register contains an error code.

Since the FIND.PC program left the address in two page zero locations, a JMP opcode ($4C) could be placed in front of the address to make it into a JMP instruction. Then calls to the Protocol Converter would look like this:

```
callpc  .eq   $00           (just before pcaddr)
        jsr   find.pc
        bcs   ...           ...no pc found
        lda   #$4C          JMP opcode
        sta   callpc
        ...   ...other code
        jsr   callpc
        .da   #cmd,parameters
        ...   ...more code
```


App. C: ***RamFactor Accessories*** gives a description of the RamCharger Battery Backup Option as well as the RamFactor 4 Meg Expander.

App. D: ***Programmer's Reference*** contains technical information required only by hard-core programmers.

App. E: ***A Brief ProDOS Tutorial*** gives you a short lesson in the use of the ProDOS operating system.

App. F: ***For More Information*** is a list of recommended books on topics related to your computer's hardware and software.

App. G: ***Getting Help*** provides you with information on what to do if things go wrong.

Comments?

We have tried to make this manual as informative, understandable, and error-free as possible. If you have any comments or suggestions regarding this manual or any other Æ manual, we would be glad to hear from you.

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