AppleLine: How To Use With an Apple IIe or Apple IIc (10/94)

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Revised:        10/12/94
Security:       Everyone
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TOPIC ---

The following information has only been partially verified for the 3274-2.2
ROMs. Though this setup should work with the newer ROMs, this has not been
confirmed.

DISCUSSION ---

Hardware Configuration:

Apple IIe
Super Serial Card in Slot 2. The jumper block should be set to terminal.
Straight thru cable - 590-0037
  or
Apple IIc
Apple IIc-ImageWriter/Scribe printer cable.

Gender changer - 590-0214
Appleline - 699-0239 with version 2.2 of the ROMs.
Appleline wall mounting power supply - 970-0950
(optional - Loop Back Connector - 970-0879)

Software Configuration:

ProDOS 1.1.1
Apple Access II v 1.1
Set Access II as follows:
   Terminal Characteristics
       "Set ANSI Mode"
       "Do NOT Send LF After CR" - for Supervisor mode
        or
       "Send LF After CR" - for 'On-Line' mode

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        "7 Bits per Character"
        "Enable XON/XOFF"
        "Normal Video"
        "Full Duplex"
        "No Wraparound"
    Set Speed  - "2400 baud"
    Set Parity - "Even"



Appleline Configuration:

Terminal Type.................."VT100"
Baud Rate....................."2400"
Parity........................"Even"
Autobaud......................"Enabled"
Speed Indicator..............."Disabled"
Modem type...................."Local Connect"
Auto Logoff..................."Disabled"
Special Terminal Capability..."None"
24/25 Line Automatic Toggle..."Disabled"

Notes
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1- Set Access II for 2400 baud.  4800 & 9600 seem to overrun it.

2- The autobaud sequence is OpenApple-B Return (OA-B Return).

3- If you use 8 bits per character, set parity to None in Access II and on
   the Appleline.

For more information on VT-100 keypad sequences, see Apple Access II
(030-0923-A, copyright 1983), Appendix i, pp 165-166.



4 - The mapping for an Apple IIe or IIc running Access II to IBM 3278 Keys is
as follows (not checked):
    3278 Key        Press
    --------        -----
    PF1             Esc 1
    PF2             Esc 2
    PF3             Esc 3
    PF4             Esc 4
    PF5             Esc 5

    PF6             Esc 6
    PF7             Esc 7
    PF8             Esc 8
    PF9             Esc 9
    PF10            Esc 0

    PF11            Esc - (minus)
    PF12            Esc =
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   PF13            Esc !
   PF14            Esc @
   PF15            Esc #

   PF16            Esc $
   PF17            Esc %
   PF18            Esc ^
   PF19            Esc &
   PF20            Esc *

   PF21            Esc (
   PF22            Esc )
   PF23            Esc _ (underscore)
   PF24            Esc +

 * NEW LINE        OA-Return
   ENTER           Return
   TAB             Tab
   BACK-TAB        Control-OA-K
   HOME            Control-\

   LEFT CURSOR     Left-Arrow or Control-H
   RIGHT CURSOR    Right-Arrow or Control-U
   DOWN CURSOR     Down-Arrow or Control-J
   UP CURSOR       Up-Arrow or Control-K

   PA1             Esc [
 * PA2             Esc ]
 * DUP             Control-OA-U
 * FM              Control-Y
   ATTN            Control-A

 * SYS REQ         Control-B
 * CURSR SEL       Control-D
   CLEAR           Control-E
   ERASE INPUT     Control-L
   ERASE EOF       Control-F

 * PRINT           Control-P
 * IDENT           Control-V
 * TEST            Control-T
   RESET           Control-R
 a DEV CNCL        Control-R

   INSERT          Control-]
 b DELETE          Delete
```

* NOT TESTED

- According to the documentation (See Appleline Users Manual, Appleline
  Part II: Guide to Lisa, Chapter 2, p65) Control-X should give a DEV CNCL
  function, but where DEV CNCL is needed (according to the systems types
  there) Control-R works. This is the same code as is used for the RESET

function.

- According to the documentation (See Appleline Users Manual, Appleline
  Part II: Guide to Lisa, Chapter 2, p65) Control-underscore should work.
  Instead it locks Appleline.

Article Change History:
12 Oct 1994 - Reviewed for technical accuracy.

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