AppleWorks: Standard and Custom Printer Interfaces (1 of 2)

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Security:       Everyone
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Versions of AppleWorks earlier than version 1.2 don't allow you to run
Appleworks using any other interface card but the Apple Super Serial card. If
you wish to use a different interface card, you must upgrade to
1.2 or later versions.

For a new owner of an Apple IIe with AppleWorks, dealers should include
onlythose interface cards that work. The Silentype has its own interface
card. Asidefrom that, there are two interface cards, the Apple II Parallel
Interface Card (A2B0021) and the Apple Super Serial Card (A2B0044), that work
correctly with all of the printers on AppleWorks' Add a Printer list:

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  1. Apple Printers
        a. Dot Matrix Printer (DMP). AppleWorks is set up for the Apple DMP.
           If you have any other printer, you must set up AppleWorks for it.
        b. Daisy Wheel Printer (DWP)
        c. Imagewriter
        d. Scribe
  2. Epson (tm) Printer Series: MX, MX with Graftrax+, RX, and FX
  3. Qume (r) Sprint 5 and Sprint 11
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For new owners of a IIc, dealers should make sure that the customer's printer
is compatible with a IIc running AppleWorks.

For a IIe owner considering AppleWorks, make sure the owner has a
configuration compatible with AppleWorks. If the owner doesn't have such a
configuration, the owner's only recourse to buy an interface card that is
compatible.

--> Using AppleWorks with cards and printers not on the standard list

If you're using a card or a printer not on AppleWorks' standard list, you must
 add a custom printer to your AppleWorks configuration and specify the
characteristics of the card or printer.

To choose the following options, type the number and press the RETURN key.

1. From AppleWorks' main menu, choose "5. Other Activities".

2. From the "Other Activities" menu, choose "7. Specify information about
   your printer(s)".

3. From the "Printer Information" menu, choose "2. Add a printer".

4. From the "Add a Printer" menu, choose "12. Custom printer".
       a. Enter the name you wish to use for the printer.
       b. Press RETURN.
       c. Apple IIe: Choose the slot of the printer's interface card.
          Apple IIc: Choose the port of the printer.
       d. Press RETURN.

5. Press the ESC key: now the printer has been added to AppleWorks.

6. Now you must give AppleWorks what the printer needs to perform, specifying
   requirments for:

       1. a line feed after each carriage return,
       2. a top-of-page command,
       3. stopping at the end of each page,
       4. platen width,
       5. interface card settings, and
       6. codes for special functions of the printer.

   Items 1 to 4 are self-explanatory and can readily be changed to meet the
   requirements of different jobs. You can do this from the "Printer
   Information" menu, choosing the printer you named under "Add a Printer".

7. With the Apple IIe, choose "5. Interface Cards". Now AppleWorks asks for
   a code to send to the printer interface card to prepare the card for
   sending data to the printer. Consult the table below for the
   appropriate keystrokes. (Note that [CTRL-] and the character in the
   bracket means that you must hold the CTRL key down while you type the
   character; do not type the brackets.)

       Interface card   Code string

       Apple Parallel Card (2PIC)   [CTRL-I]80N
       Apple Super Serial Card   [CTRL-I]80N
       Apple Centronix Parallel Card   [CTRL-I]255N
       Grappler Plus   [CTRL-I]0N
       Microtek RV-611C   [CTRL-I]255N
       Pkaso   [CTRL-I]0N
       MPC AP Graph and Graphwriter   [CTRL-I]255N

   If your card isn't on this chart, look in the card manual; it should have
   the code string.

   It's important to note that, although some printer manuals give code
   strings in the form of keystrokes, some other manuals give code strings in
   numerical form, either decimal (0 to 9) or hexadecimal (0 to F).

AppleWorks won't accept a code string simply typed in as one of these
numbers; you must use a keystroke or combination of keystrokes to send the
number from the keyboard to AppleWorks. Look up the decimal or hexidecimal
form of the number in an Apple II ASCII chart; the appropriate keystrokes
are on the right.

Suppose, for example, the manual states that the decimal code string
09464878 initializes the card. On an Apple II ASCII chart, 09 is
[CTRL-I], 46 is the eight key, 48 is the zero key, and 78 is capital N;
altogether, that's [CTRL-I]80N. To put this into AppleWorks you would:

   1. Choose "5. Interface Card"

   2. Hold down the CTRL key and type I,

   3. Type 80

   4. Hold down the SHIFT key and type N

   5. Hold down the SHIFT key and type 6; this ends the string with the
      carat or '^' AppleWorks requires.