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NEC Pinwriter P2 printer: Using it with a IIC (10/94)

Article Created: 09 July 1985

Article Reviewed/Updated: 18 October 1994

TOPIC -----

Is it possible to use an NEC Pinwriter P2 printer with my Apple IIC?

DISCUSSION -----

The NEC printer works well with the Apple IIC. Connecting it is quite simple; one minor adjustment may need to be made, though, to the printer as it comes from the factory. Switch 2-6 of the dip switches located inside the printer (underneath the printhead) should be set in the ON position for 7-bit data, which allows the printer to function correctly with AppleWorks and BASIC and most other programs.

NOTE: If you plan on using the graphic capabilities of this printer, you may have to change the 2-6 switch back to the OFF position for an 8-bit data format.

The recommended switch settings for most applications are:

SW1-1 = OFF	SW2-1 = OFF
SW1-2 = OFF	SW2-2 = OFF
SW1-3 = OFF	SW2-3 = OFF
SW1-4 = OFF	SW2-4 = OFF
SW1-5 = ON	SW2-5 = ON
SW1-6 = ON	SW2-6 = ON
SW1-7 = OFF	SW2-7 = ON
SW1-8 = OFF	SW2-8 = OFF

The dip switches on the P2/P3-7 Serial Interface (Model 6307) should be as follows:

SW1-1 = OFF	SW2-1 = ON	SW3-1 = ON
SW1-2 = ON	SW2-2 = OFF	SW3-2 = OFF
SW1-3 = OFF	SW2-3 = ON	SW3-3 = OFF
SW1-4 = ON	SW2-4 = OFF	SW3-4 = OFF
SW1-5 = OFF	SW2-5 = OFF	SW3-5 = OFF
SW1-6 = ON	SW2-6 = OFF	SW3-6 = OFF
SW1-7 = OFF	SW2-7 = OFF	SW3-7 = ON
SW1-8 = OFF	SW2-8 = OFF	SW3-8 = OFF

AppleWorks Printer Setting

The NEC printer is fully compatible with AppleWorks. When you add the printer as custom printer in the Printer Information section of AppleWorks, the print codes should be as follows:

5 CPI = CTRL-R ESC-h (CPI = Characters per inch)
6 CPI = CTRL-R ESC-e
8 CPI = CTRL-R ESC-Q
10 CPI = CTRL-T ESC-h
12 CPI = CTRL-T ESC-e
17 CPI = CTRL-T ESC-Q

Bold Begin = ESC-!
Bold End = ESC-"

Underline Begin = ESC-X
Underline End = ESC-Y

Subscript Begin = ESC-G CTRL-A
Subscript End = ESC-Z

Superscript Begin = ESC-G CTRL-@
Superscript End = ESC-Z

8LPI = ESC-B
6LPI = ESC-A

Set the printer specifications in AppleWorks not to have a Line Feed after every RETURN.

Article Change History:

18 Oct 1994 - Reviewed for technical accuracy, revised formatting.

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Keywords: <None>

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19960215 11:05:19.00

Tech Info Library Article Number: 1182