

DRIVER PROGRAM PROCEDURES



**SIO HP 2610A/2614A LINE PRINTER DRIVER**

HP Order No. 24268 (4k version)  
HP Order No. 24269 (8k version)  
HP Order No. 24270 (16k version)



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Small Programs Manual  
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# SOFTWARE MANUAL CHANGES

SIO HP 2610A/2614A LINE PRINTER DRIVER

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*Updates to this publication as well as to the Manual Change Sheet itself, are listed below.*

January 1973

Change Number	Page	Instructions
1	Title	Add to the list of HP Order Numbers: HP Order No. 24303 (12K version)





# SIO HP 2610A/2614A LINE PRINTER DRIVER

The SIO Line Printer Driver drives the HP 2610A and the HP 2614A line printer in non-interrupt mode. When a print operation is initiated, the driver waits until the operation is completed before returning execution to the calling program. This program also controls other functions: paper control requests, line length tests, printer buffer loading and print command transmission.

## USER CALLING SEQUENCE

<u>Address</u>	<u>Instruction</u>
(P)	LDA LENTH
(P+1)	LDB BUFFR
(P+2)	JSB 102B,I
	.
	.
	.

where:

contents of LENTH = vertical format code from -1 to -4 (see table), or contents of LENTH = length of the data buffer in characters (positive). Contents of BUFFR = Address of the ASCII data buffer.

## VERTICAL FORMAT CODE TABLE

<u>Code</u>	<u>Function</u>
0	Single space
-1	Page eject
-2	Skip to next half-page
-3	Skip to next quarter-page
-4	Skip to next one-sixth page

(Any code other than the above is undefined.)

## SIO HP 2610A/2614A Line Printer Driver

### SIO Line Printer Driver Configuration

To insure proper configuration of the line printer driver SIO driver, follow the instructions listed below:

1. Load and configure the line printer compatible teletype driver.
2. Load the line printer driver using the Basic Binary Loader.
3. LOAD ADDRESS  $2_8$ .
4. Set bits 0 - 5 of the switch register to the channel address.
5. Press RUN.