



**Print method** . . . . . 12-pin drop on demand plain paper thermal inkjet, AC or battery powered

**Print speed** . . . . . 150 cps draft, 50 cps NLQ

**Print width** . . . . . 7.1 inches (177 mm)

**Resolution** . . . . . 96 x 80 draft, 96 x 160 NLQ

**Fonts** . . . . . 152 character ASCII italics, bold, enlarged, proportional, condensed; 50 coded graphics characters; 33 International character sets

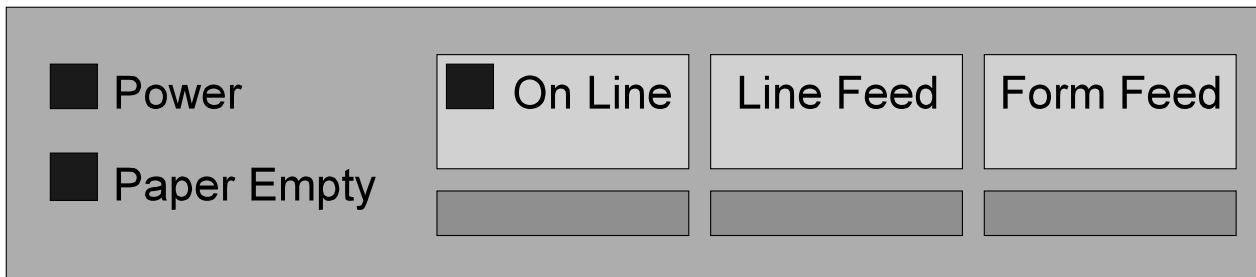
**Paper handling** . . . . . Single sheet, fan-fold, and pin-feed continuous forms; 8 1/2 inch wide paper

**Interfaces** . . . . . CENTRONICS parallel - Diconix 150 Parallel; RS-232C serial - Diconix 150 Serial

**Emulations** . . . . . Epson and IBM Proprinter (with some exceptions)

**Print head life** . . . . . 500 pages of text

**Control Panel**



Power light - Red indicates power on. Flashing indicates batteries are low.

Paper Empty light - Red indicates out of paper. Flashing indicates an error condition.

On Line light - Green indicates online condition.

**On Line** key - Toggles the printer between online and offline. Also will recover some error conditions.

**Line Feed** key - Offline, press once to move forward one line. Hold to continue advance. Hold in conjunction with **Form Feed** key to

reverse paper movement. Online, press to select draft print mode. Online, press in conjunction with **Form Feed** key to select script font (parallel printer), or condensed font (serial printer). Hold the **Line Feed** key while turning on printer power for envelope printing mode.

**Form Feed** key - Offline, press to advance to top-of-form. Online, press to select NLQ print mode.

Power switch - Slide to the right to apply power to the printer, left for off.

**Self-test**

With paper installed, hold **Form Feed** key, while turning on printer power. Press **On Line** key to pause self-test, press **On Line** key again to resume test. Turn the printer power off to terminate the test.

**Printer Configuration**

The printer may be configured for print mode, using the control panel keys.

**Line Feed key**

1. Online, press to select draft print mode.
2. Online, press in conjunction with **Form Feed** key to select script font (parallel printer), or condensed font (serial printer).
3. Hold the **Line Feed** key while turning on printer power for envelope printing mode.

**Form Feed** key - Online, press to select NLQ print mode.

**DIP Switches**

The configuration DIP switches are located under the top cover on the back side of the carriage opening.

Switch	Function	OFF	ON
SW1	CR	CR only *	CR + LF
SW2	LF	CR + LF *	LF only
SW3	Perf skip	No skip *	1 inch skip
SW4	Page length	11 inch *	12 inch
SW5	Font	Draft *	NLQ
SW6	Emulation	Epson *	IBM
SW10	Not used		

**Character Set Selection**

Country	SW7	SW8	SW9
USA *	OFF	OFF	OFF
England	ON	ON	OFF
Sweden	ON	OFF	ON
Italy	OFF	ON	ON
France	ON	OFF	OFF
Germany	OFF	ON	OFF
Denmark	OFF	OFF	ON
Spain	ON	ON	ON

\* Indicates default setting

## Serial Printer DIP Switch Settings

The Serial Printer DIP switches are located under the top cover on the right side of the carriage opening.

### Baud Rate Selection

Baud Rate	Stop bit	SW1	SW2	SW3
9600 *	1	OFF	OFF	OFF
4800	1	OFF	OFF	ON
2400	1	OFF	ON	OFF
1200	1	OFF	ON	ON
600	1	ON	OFF	OFF
300	1	ON	OFF	ON
300	2	ON	ON	OFF
110	2	ON	ON	ON

### Data Bits

Switch	Function	OFF	ON
SW4	Data bits	7 bits	8 bits

### Parity

Parity	SW5	SW6
No Parity *	OFF	OFF
Even Parity	OFF	ON
Odd Parity	ON	OFF

### Data Protocol

Protocol	SW7	SW8
RDY/BSY *	OFF	OFF
XON/XOFF	OFF	ON
ETX/ACK	ON	OFF

### Handshake Disable

Handshake	SW9	SW10	SW11
Carrier Detect (CD)	ON	OFF	OFF
Clear to Send (CTS)	OFF	ON	OFF
Data Set Ready (DSR)	OFF	OFF	ON

\*Indicates default settings

## Error Codes

**Power light flashing** - Indicates batteries are low.

**Paper Empty light flashing** - Indicates paper empty or print head carriage obstruction. Check paper. Clear any print head obstruction.

**On Line light flashing** - Indicates serial interface error.

## Critical Adjustments

### Head Installation

1. Turn printer power off. Disconnect the AC adapter if it is attached to the printer.
2. Open the printer top cover. The print head will be parked at the left side of the carriage travel.
3. Remove and replace the absorbent pad inserted in the print head park absorber clip.
4. Drop the print head latch lever to allow removal of the old print head.
5. Insert the new head and raise the latch to secure the print head in place.

### Battery Installation

1. Turn printer power off. Disconnect the AC adapter if it is attached to the printer.
2. Open the printer top cover. Move the bail arm away from the platen.
3. Rotate the platen until the battery compartment is aligned between rear cover and paper guide.
4. Open the battery cover and replace old batteries with five "C" size, nickel cadmium, rechargeable batteries. Refer to the diagram in the battery compartment for polarity placement.

## Common Problems and Fixes

### Carriage moves, but printer does not print

1. Check print head installation.
2. Lock carriage latch.
3. Clean carriage connection.
4. Replace print head cartridge.

**Poor print quality** - Same as above.

**Print head leaves blot of ink** - Install new blotter pad.

**Misc. erratic performance** - Check AC adapter and AC adapter connection.

## Recharging batteries:

1. Power light flashes when batteries are low. Two pages may be printed after the Power light begins to flash.
2. With power off, connect AC adapter. Turn on power while pressing **On Line**, **Line Feed** and **Form Feed** keys. Continue to hold the keys until the Paper Empty light and On Line light flash.
3. Complete recharging takes approximately ten hours. Printing may interrupt the charging process by pressing the **On Line** key. Re-enter the charge mode by repeating step 2.
4. When all lights are not blinking and the Power light is on, charging process is complete.

*Note: Recharging will not resume automatically if power is interrupted during charging process.*

## Field Replaceable Units

There are no field replaceable units.

*Note Be sure to print a menu/configuration list before swapping the printer.*

Printer	IBM P/N	IBM machine type
Diconix 150 Parallel	11F9442	1514-D01
Diconix 150 Serial	31F0242	1514-D02

## Tech Support 800-877-7763