Portable StyleWriter: Configurable DIP Switch Settings (3/95)

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TOPIC ---

I need to get the dip switch settings for the Portable StyleWriter.

DISCUSSION --

The are 11 configurable DIP switches. Depending on the position of DIP switches
10 and 11, the meaning of switches 6 to 10 change, so the following list
includes the values of these switches first. The rest of this article describes
the remaining options.

DIP Switches 10 and 11
======================

```
.   SW 10 and 11 Sets Printer Modes           SW 10    SW 11
.   -------------------------------------      -----    -----
.
.   BJ-lOe (IBM Proprinter X24E (default))     OFF      OFF
.   BJ-10e (Canon BJ-130e)                     ON       OFF
.   LQ Epson LQ-510                            _        ON
```

BJ10e Emulation Mode
====================

If the printer is in BJ-lOe emulation mode then the following switch settings
are used.

```
. Dip  Function                      ON          OFF      NOTES
. ---  -----------------------       -------     -------   -----
. 1    AutoSheetFeeder               Enable      Disable    A
. 2    TextScale                     Enable      Disable    B
. 3    Automaticlinefeed             CR=CR+LF    CR=CR      C
. 4    Page length                   305 mm      279 mm     D
.                                    (12")       (11")
. 5    Character set                 Set 2       Set 1
. 6    Automatic carriage return     LF = LF+CR  LF=LF      E
. 7    Alternate Graphics Mode (AGM) Enable      Disable    F
. 8    Receivebuffer/download buffer 3K/34K      37K/OK     G
. 9    Code page                     Multilingual USA437    H
```

```
.                                       850
. 10    Printer emulation               BJ-130e     X24E s
```

NOTES:

A) Set this switch to ON if the optional Auto Sheet Feeder is used.

B) When this switch is ON, the printer will reduce the line spacing by a factor
of 29/30 (from 63 lines/page to 66 lines/page if line spacing is set to 1/6). If
you want to print on letter-size paper with 6 lines/inch line spacing and 66
lines/page, set this switch to ON. This _ function is available only when line
spacing is 1/6 or 1/8.

C) When this switch is ON, the printer automatically adds a linefeed (LF) code
when it receives a carriage return (CR) code.

D) When this switch is OFF, the page length is 11 inches —- the appropriate
length for using letter-size paper. When this switch is ON, the page length is
12 inches -— the appropriate length for using A4-size paper.

E) When this switch is ON, the printer automatically adds a carriage return (CR)
code when it receives a linefeed (LF) code.

F) When AGM (Alternate Graphics Mode) is enabled, the printer accepts high
resolution 2; dot all-point-addressable graphics commands similar to those used
with conventional 24-pin printers.

G) When this switch is ON, the printer allocates 34K bytes of buffer for
downloaded fonts. Change this setting to ON when using downloaded fonts.

H) Select multilingual code page 850 for European character set.

LQ (Laser Quality) Mode
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If the printer is in LQ emulation mode then the following switch settings are
used.

```
. Dip  Function                      ON         OFF     NOTES
. ---  ----------------------        -------    -------  -----
. 1    AutoSheetFeeder               Enable     Disable    I
. 2    TextScale                     Enable     Disable    J
. 3    Automaticlinefeed             CR=CR+LF   CR=CR      K
. 4    Page length                   305 mm     279 mm     L
.                                    (12")      (11")
. 5    Character set                 Set 2      Set 1
. 6 \
. 7  >International character set (see the table following the notes)
. 8 /
. 9 \ Font selection (see the Font Selection Table below)
. 10 /
```

NOTES:

I) Set this switch to ON if the optional Auto Sheet Feeder is used.

J) When this switch is ON, the printer reduces the line spacing by a factor of
29/30 (from 63 lines/page to 66 lines/page if line spacing is set to 1/6). If
you want to print on letter-size paper with 6 lines/inch line spacing and 66
lines/page, set this switch to ON. This function is available only when line
spacing is 1/6 or 1/8.

K) When this switch is ON, the printer automatically adds a linefeed (LF)
code when it receives a carriage return (CR) code.

L) When this switch is OFF, the page length is 11 inches -— the appropriate
length for using letter-size paper. When this switch is ON, the page
length is 12 inches -— the appropriate length for using A4-size paper.

Switches 6-7-8 International Character Set Table

. Character Set	SW6	SW7	SW8
. ------------	---	---	---
. USA	OFF	OFF	OFF
. UK	OFF	OFF	ON
. Germany	OFF	ON	OFF
. France	OFF	ON	ON
. Denmark	ON	OFF	OFF
. Sweden	ON	OFF	ON
. Italy	ON	ON	OFF
. Spain	ON	ON	ON

Font Selection Table

If the application specifies use of a different font, then that font is used for
printing, and the font table settings are ignored.

. Font	SW9	SW10
. -----------	---	----
. Roman	OFF	OFF
. Sans Serif	OFF	ON
. Draft	ON	N/A (See Note)

NOTE: When switch 9 is ON, the painter is always in economy mode, regardless of
the status of the DIP switch 10.

Keywords: <None>

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