# Tech Info Library

## Dot Matrix (DMP) Pin-Out and Switch Settings

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Revised:        1/30/92
Security:       Everyone


Dot Matrix (DMP) Pin-Out and Switch Settings


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PIN OUTS


Amp Pin No.  Signal Name      Amp Pin No.  Signal Name
     1 ...... Data STB (-ve)    19 ...... Ground (TP pin 1)
     2 ...... Data 1            20 ...... Ground (TP pin 2)
     3 ...... Data 2            21 ...... Ground (TP pin 3)
     4 ...... Data 3            22 ...... Ground (TP pin 4)
     5 ...... Data 4            23 ...... Ground (TP pin 5)
     6 ...... Data 5            24 ...... Ground (TP pin 6)
     7 ...... Data 6            25 ...... Ground (TP pin 7)
     8 ...... Data 7            26 ...... Ground (TP pin 8)
     9 ...... Data 8            27 ...... Ground (TP pin 9)
    10 ...... ACK (-ve)         28 ...... Ground (TP pin 10)
    11 ...... Input Busy        29 ...... Ground (TP pin 11)
    12 ...... Paper Empty       30 ...... Ground (TP pin 31)
    13 ...... Select            31 ...... Input Prime (-ve)
    14 ...... 0v                32 ...... Fault (-ve)
    15 ...... no connection     33 ...... 0v
    16 ...... 0v                34 ...... no connection
    17 ...... Chassis Ground    35 ...... no connection
    18 ...... +5v               36 ...... Input Busy

Note: TP = Twisted Pair cable



Dot Matrix (DMP) Switch Settings

CHARACTER SETS:
English (US)  -> SW1-1:Open, SW1-2:Open, SW1-3:Open
English (UK)  -> SW1-1:Closed, SW1-2:Closed, SW1-3:Open
Italian       -> SW1-1:Closed, SW1-2:Open, SW1-3:Open
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German          -> SW1-1:Open, SW1-2:Open, SW1-3:Closed
Swedish         -> SW1-1:Closed, SW1-2:Open, SW1-3:Closed
French          -> SW1-1:Open, SW1-2:Closed, SW1-3:Closed
Spanish         -> SW1-1:Closed, SW1-2:Closed, SW1-3:Closed


PAGE LENGTH:
72 Line  -> SW1-4:Closed
66 Line  -> SW1-4:Open


SELECT CODES:
Ignore  -> SW1-5:Closed
Respond -> SW1-5:Open


ON BUFFER OVERFLOW:
Line feed     -> SW1-6:Closed
No line feed -> SW1-6:Open


PRINT:
On CR,LF,VT,FF  -> SW1-7:Closed
After CR only   -> SW1-7:Open


LINE FEED:
Add LF after CR -> SW1-8:Closed
No LF after CR  -> SW1-8:Open


ZERO CHARACTER:
Slash zero          -> SW2-1:Closed
Do not slash zero  -> SW2-1:Open


INPUT BUFFER:
One line only -> SW2-2:Closed
3k bytes       -> SW2-2:Open


SWITCHES SW2-3 AND SW2-4 HAVE NO FUNCTION


CHARACTER SPACING:
Elite proportional -> SW2-5:Closed
Pica fixed width   -> SW2-5:Open


8TH DATA BIT: (for more info, search on HTS and PARITY)
Ignore    -> SW2-6:Closed
Recognize -> SW2-6:Open


ON POWER ON: (enables Select line on power up).
Select    -> SW2-7:Closed
Deselect  -> SW2-7:Open


PRINT:
Unidirectional -> SW2-8:Closed
Bidirectional  -> SW2-8:Open
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