QL

CENTRONICS PRINTER INTERFACE

USER MANUAL

Miracle Systems Limited

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CONNECTING UP

Before connecting up the Interface to either the QL or the printer, always make sure that the power is switched off to both the QL and the printer. Connect the Interface to the parallel port on the printer and to the SER1 port on the QL. Use only with SINCLAIR QL and CENTRONICS compatible printers. Switch on the printer first, and then the QL.

SETTING UP THE QL

When using the QL with any of the software packages supplied with the QL, ensure that the software is set-up for a BAUD RATE of 9600 and that the END OF LINE CODE is <CR>. This setting-up is performed by running the program called INSTALL__BAS supplied with these packages (except EASEL).

However, when using SUPERBASIC a channel must be assigned to the SER1 port by entering:

    OPEN# 3, SER1C

which will assign Channel 3 to the SER1 port.

It is not normally necessary to set the baud rate since the QL sets itself to the required rate of 9600 baud when switched on (or reset). If it has been changed by another program then entering:

    BAUD 9600

will put things right.

SETTING UP THE QL
(Contd.)

To activate the printer the following type of statement may be used:

    PRINT #3; "Now read this"

This could alternatively all be done by running the program:

    10 OPEN #3, SER1C
    20 BAUD 9600
    30 PRINT # 3; "Now read this"

Note that a channel cannot be re-opened if it is already open, so to re-run the program enter:

    RUN 30

(there is no need to set the baud rate a second time).

A listing of the program may be obtained by entering:

    LIST #3

PRINTER PLUG PIN CONNECTIONS

PIN	SIGNAL	PIN	SIGNAL
1	STB	19	GND
2	DI	20	NC
3	D2	21	NC
4	D3	22	NC
5	D4	23	NC
6	D5	24	NC
7	D6	25	NC
8	D7	26	NC
9	D8	27	NC
10	NC	28	NC
11	BUSY	29	NC
12	NC	30	NC
13	NC	31	NC
14	NC	32	NC
15	NC	33	NC
16	NC	34	NC
17	NC	35	NC
18	NC	36	NC

RECOMMENDED DIP-SWITCH SETTINGS

ALPHACOM 81

The Alphacom 81 has no DIP-switches so not set-up is necessary.

KAGA TAXAN / CANON PW-1080A

Bank 1

No	Switch	Set
1		Off
2	Character	Off
3	set	Off
4		Off
5	NLQ	–
6	Zero	Off
7	Italic	On
8		–

Bank 2

No	Switch	Set
1	Paper detect	–
2	Buzzer	–
3	Buffer	–
4	Print	Off
5	mode	Off
6	Pica	Off
7	Emphasized	Off
8	Margin	Off

RECOMMENDED DIP-SWITCH SETTINGS

JUKI 6100

No	Switch	Set
1	CR/LF	On
2	Impression	–
3	Selection	Off
4		Off
5	Char set	Off
6		Off
7	Paper	–
8	Form	–
9	Spacing	–
10		–

Brother M1009

No	Switch	Set
1	Form	–
2	Spacing	–
3	Char set	On
4	Delete	–
5	Skip	Off
6	Buffer	Off
7	CR/LF	On
8	SLCT	–

RECOMMENDED DIP-SWITCH SETTINGS

Silver Reed EXP400

The EXP400 does not have any DIP-Switches but can be set up to generate an automatic Line-Feed after Carriage-Return by holding the Line-Feed button (located on the front panel) in while switching the power on to the printer.

Epson RX80

Bank of 8

No	Switch	Set
1	Pica/Cond	Off
2	Graphics	–
3	Buzzer	–
7	Form	On
5	Paper	–
6	Char	On
7	set	On
8	Hash	On

Bank of 4

No	Switch	Set
1	Zero	–
2	SLCT	–
3	CR/LF	On
4	Skip	Off