

22-1-85

APPLICATION NOTE NO. 1

ENTERPRISE
COMPUTERS LTD

ENTERPRISE PIN OUT INFORMATION

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Enterprise pin outs as follows:-

All looking into connector on Enterprise - Pin B1 top left
Pin A1 bottom left

Edge fingers are on 2.54mm pitch, some positions are not used but still counted.

Control 1/Control 2

A1 - Keyboard J (Common)
A2 - Keyboard L
A4 - KB4(9) (Right)
A5 - KB2(7) (Down)
A6 - KBO(5) (Fire)
B1 - OV
B4 - +5V
B5 - KB3(8) (Left)
B6 - KB1(6) (Up)
B2 - Keyboard K

Numbers in brackets are control 2. All signals are TTL levels - read as part of keyboard matrix. Use multi-core screened cable.

Serial/Network

A1 - Reference
A3 - RTS
A4 - CTS
B1 - OV
B3 - Data Out
B4 - Data In

Use 6 core screened cable

Signal levels relative to
OV line 0 = OV

1 = +12V

Relative to ref. line

0 = -5V

1 = +7V

For networking connect 'RTS' to 'CTS' to form 'control bus', and 'data in' to 'data out' to form 'data bus'. Reference is an offset 'ground', this may not be possible with certain equipment configurations.

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Printer

A1 OV
A2 /strobe
A3 Data 3
A5 Data 2
A6 Data 1
A7 Data 0
B1 OV
B2 /ready
B3 Data 4
B5 Data 5
B6 Data 6
B7 Data 7

Use 12 way flexible ribbon cable.
All signals at TTL levels.

Monitor

A1 Green signal
A2 OV
A3 Monochrome composite video
A4 /HSYNC
A5 /VSYNC
A7 Left audio
B2 OV
B3 Blue signal
B4 Red signal
B5 /CSYNC
B6 Mode switch (Peritel)
B7 Right audio

Use multi core screened cable. All syncs are TTL levels R,G and
B levels are 0 to 4 volts linear (not TTL).

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