Lindos Electronics Application Notes

LA100 Application Note 19:
SLP – LA102 to Parallel Connector

The SLP allows LA100 users to print results directly to parallel printers. Without the SLP a serial printer must be used, or else results printed to a parallel printer via a computer running our support software.

The SLP consists of a lead and a converter unit. The lead has a 5 pin DIN plug at one end for connection to the LA102, and a 25 way D type plug at the other. The converter has a 25 way D type socket and a 36 way Centronics type connector. Normally the lead should be connected to the converter and the assembly regarded as a 'Lindos parallel printer lead'.

When connected between a LA102 and a parallel printer, printing operations can be carried out as detailed in section 8 of the 4th edition LA100 manual - 'Using Printers'.

The converter unit is designed to work specifically with the LA102. It is not a device that turns a parallel printer into a generic serial printer. The converter will be destroyed if connected to a PC's serial port because the PC will apply 12 Volts to a pin intended for 5 Volts.

The LA102 must have software version 6.0 or later. This can be supplied free of charge on request. Be prepared to quote the LA100 serial number. There are several LA102 configurations which affect printing (see table 8.1, page 113 of the 4th edition LA100 manual). Most of these affect the printout format, but configuration B (printer baud rate) must be set to 7, and configuration P must be set to match the printer type in use. (Operate Canon printers in their Epson Emulation mode: dip settings for BJ200 series: all 'up' except 1,7,11)

The SLP does not operate correctly on some parallel printers fitted with third party serial interface cards. We suggest you either print through the serial interface or remove the serial card from the printer.

To connect a serial printer, use the lead without the converter.

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