

Basic Program To Control The Flash On A 1539

The flash rate and timing of an IET strobe can be controlled from a PC. Below is a simple program that demonstrates one method of PC-controlled flash rates. In this sample BASIC program, the data lines of the LPT1 printer port are toggled to flash the Model 1539 strobe.

Sample BASIC Program

```
10                                     'strobe trigger program
20  OUT &H378, &H0
30  A = TIMER
40  WHILE TIMER - A < 1.11: WEN       'delay in seconds
50  OUT &H378, &HFF                 'set printer data bits to 1 and
60  END                               'flash 1539
```

Figure 1 illustrates the connection of a PC to a Model 1539 Strobe. The LPT1 port is connected to the INPUT jack via a common stereo jack connector.

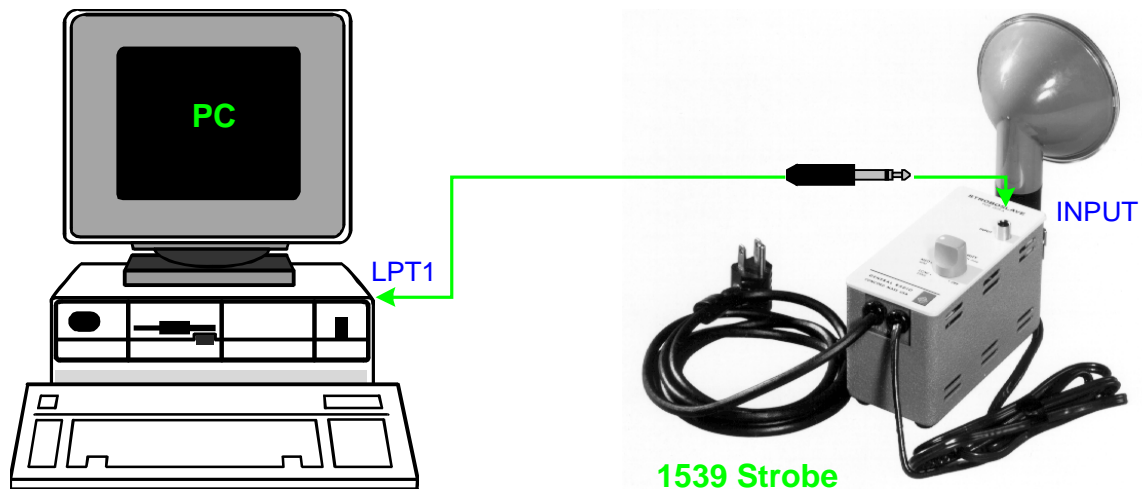


Figure 1: Connection of PC to 1539 Strobe

Connection to I/O Connector

Figure 2 illustrates the wiring connection of the output jack to a typical 36-pin I/O connector on the rear panel of a PC.

PC I/O Connector

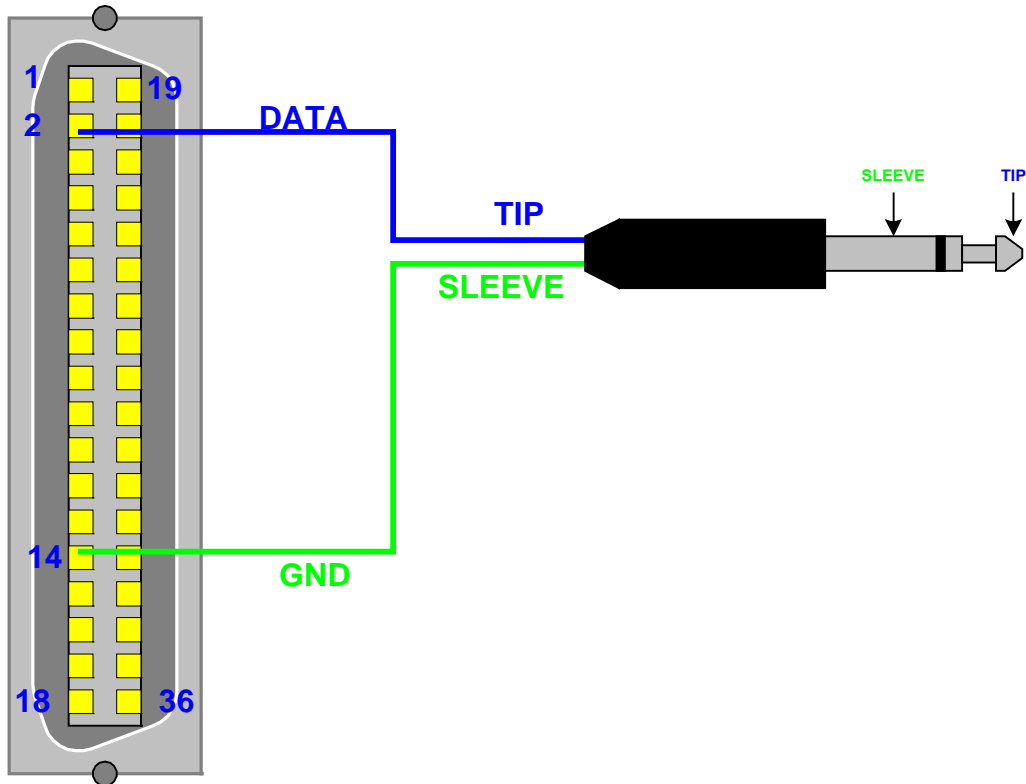


Figure 2: Connection of Jack to 36-Pin I/O Connector

For complete product specifications on the 1500 Strobe Line, contact IET Laboratories at 1-800-899-8438 or on the web at <http://www.ietlabs.com/stroboscope.html>