

Manual

RS232 2 Computer Adapter



Type
Release

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RS232 2 Computer Adapter

With the "RS232 2 Computer Adapter", two computers can be connected to one printer or plotter.

Function

All necessary information for connection and for the setting of parameters of the adapter can be found on the unit. There is one DIL-switch for each of the three interfaces "Computer 1", "Computer 2" and "Printer" in order to set the desired parameters. The interfaces "Computer 1" and "Computer 2" of the adapter can be connected to the computers via an RS232 printer cable. The printer is connected via the ready-made cable of the adapter (interface "Printer"). The pinout of the three switch interfaces can be found on the part label.

The changeover between the two computers is carried out automatically and controlled with respect to time. The computer that is to print something out first, automatically blocks the printer output of the other computer. With a printing pause of longer than 10 seconds, both computers are given equal rights once again. Two LED's indicate which computer is printing at the moment. If the "reset" key of the keyboard is pressed during operation, the adapter is also reset. With activation of the "reset" key in the starting moment, the set parameters of the adapter are output to the printer.

Configuring the serial parameters

On the rear side of the buffer are three DIL switch blocks, with the left and center block (SW1 & SW2) used for configuring the interface to the computer system and the right block (SW3) for configuring the output interface to the peripheral device. The assignments for these three DIL switch blocks is identical and can be found on the part label.

Please note that the data throughput rate for the buffer as a sum of the incoming and outgoing channel may no longer exceed 38.4 Kbps, since data loss will otherwise result.



Technical Data

Baud rate:	50..115,200 baud
Data throughput rate:	max. 38.4 Kbps as a sum of the incoming and outgoing channel
Data format:	7,8 data bits, no,even,odd parity
Flow control:	Hardware handshake or XON/XOFF protocol
Switching:	time-controlled, switching time 5 seconds per EPROM patch, adjustable within wide limits
Code conversion:	Individual code conversion per EPROM patch in both directions
Power supply:	Supplied power adapter
Current consumption:	approx. 100 mA
Inputs:	25 pin SUB-D sockets including 0.5 m cable DTE assignment
Output:	25-pin SUB-D adapter, including 2m cable, DCE assignment
Housing:	Plastic housing, 124x74x21 mm
Weight:	approx. 500g incl. power adapter
Delivery:	1 x RS232 2 computer adapter 1x power adapter for application in office