

Thermal Printer DPU 414 for BioPhotometer

Short instructions

The Eppendorf Thermal Printer DPU 414 can be connected to the serial interface RS-232 C of the BioPhotometer. In addition:

- Insert the printer cable into the printer connection socket of the BioPhotometer and tighten the safety screws on the plug to secure.
- Connect the printer cable to the printer and tighten the safety screws on the plug to secure.
- Connect up to the power supply using a 115 V or 230 V mains cable.

Select the printer on the Biophotometer

- Switch on the BioPhotometer and press the "Function" key. Select "Printer DPU 414" in the menu with the cursor and confirm by pressing the "Enter" key.

Check the printer function on the DPU 414 and set

Printer settings for working with the BioPhotometer:

The following settings for "Dip SW-1" and "Dip SW-3" must be selected on the DPU 414 in combination with the BioPhotometer.

Dip SW-1

1 (OFF):	Input = Serial
2 (ON):	Printing Speed = High
3 (ON):	Auto Loading = ON
4 (OFF):	Auto LF = OFF
5 (ON):	Setting Command = Enable
6 (OFF):	Printing
7 (ON):	Density
8 (ON):	100 %

Dip SW-3

1 (ON):	Data Length = 8 bits
2 (ON):	Parity Settings = No
3 (ON):	Parity Conditions = Odd
4 (OFF):	Busy Control = XON/XOFF
5 (OFF):	Baud
6 (ON):	Rate
7 (ON):	Select
8 (ON):	= 9600 bps

Dip SW-2

The settings for the group "Dip SW-2" are not relevant. This is because the BioPhotometer sets these automatically depending upon the selected language version.

Check printer settings

- POWER off – press and hold down the ON LINE key – POWER on.
- The printout of the current settings starts automatically – release the ON LINE key.
- If the settings do not correspond to the "Dip SW-1" and "Dip SW-3" entries necessary for the BioPhotometer, these must be set manually on the DPU 414.

Input of the printer settings

- In order to correctly enter the settings, all settings for "Dip SW-1" and "Dip SW-3" must be carried out again.
- Press the ON LINE key to start the setting procedure.
- "Switch on" (ON) with the ON LINE key and "switch off" (OFF) with the FEED key.
- At the end of entries for each of the three setting ranges, the entry is continued by pressing the ON LINE key or completed by pressing the FEED key.
- Then switch printer and device off and on again.

