

TTP 101 Firmware No. 903-xxx

903-113 means version 1.13, etc.

FW version	Change
903-113	First version released to customer.
903-114	Small modification of burn-time.
903-115	Bar code type 128 added..
903-116	With earlier FW versions, it could happen that the print height became reduced when the printer got extremely hot. This was caused by a problem in the stepper motor drive IC. The problem was solved with a minor modification of the firmware.
903-117	<p>At power-ON, the firmware senses whether there is a solder jumper in position SW4 (standard) and, if so, presets the burn time parameter value to ESC q= 10. The jumper should always be installed when the printhead is supplied with +20 V. This is the case in all TTP 101 printers from serial number 8506 since they have a built-in +20 V regulator.</p> <p>With earlier printer versions, the solder jumper SW4 should be installed only if the printer control board is supplied with +20 V. If the supply voltage is between +20 V and +24 V, the solder jumper SW4 must be removed to prevent printhead damage. The burn time value will then be preset to the value ESC q = 5 at power-ON but can be adjusted by issuing the ESC q command during printing. Also see Installation Manual, page 11(Ed. B).</p>
903-118	Presenter motor speed increased to ensure proper paper edge pickup at graphics printout.
903-119	<p>Danish characters included.</p> <p>Paper-low detection by using ESC ENQ 05H now supported for parallel interface.</p>
903-120	<p>An error in the ESC + ENQ + 01H function, causing only ACK messages to be reported, has been fixed.</p> <p>Command ESC + ENQ + 02H added. Syntax: (1BH)+(05H)+(02H), (27)+(5)+(2) decimal</p> <p>This command requests a paper-near-end sensor (paper low) status from the printer in a 1-byte format as follows:</p> <p>Value = (00H) indicates "No paper"</p> <p>Value = (01H) indicates "Paper present" at the sensor position</p> <p>Self test printout now indicates when jumper SW4 is installed.</p>