

ThermaPrint 64 Firmware Upgrade Procedure

Firmware File Types and File Description

Firmware download is available here: <http://www.novexx.com/service-and-support/firmware/firmware-for-64-0x-alx-92x-dpm-pem/>

64HP_Vx.xx.zip

- Contains the complete firmware for the printers: 64-xx/ALX 92x/DPM (each Gen. 3) as well as PEM/PM 3000

USI_Vx.zip

- Does not comprise subsystem firmware, e. g. motor output stage, operation panel, USI, AI
- Firmware for the USI interface
- Can be updated the same way as printer firmware, if the printer firmware version is at least 5.31.

AI_Vx.xx.zip

- Firmware for the Applicator Interface (AI).
- Can be updated the same way as printer firmware, if the printer firmware version is at least 5.31.

Loading firmware from a CompactFlash card or USB stick (4GB or less)

1. If not already configured, set the CompactFlash card or USB stick as the "C:" drive in INTERFACE PARA → DRIVEASSIGNMENT → Drive C.
2. Create a folder "FORMATS" on the memory card.
3. Copy the firmware file(s) (e. g. 32_Vx.xx.s3b) into folder "FORMATS".
4. Switch the printer off.
5. Insert the memory card into the card slot at the printer.
6. Switch the printer on. In Online mode, press the buttons Online+Esc to get into standalone mode.
7. Select the desired firmware file.
8. Confirm the yes/no query.

The selected firmware is now loaded automatically. If flashing printer's main firmware (64HP_Vx), please set all parameters/settings according to the instructions below.

1. Power the machine off, wait 10 seconds, and power the printer.
2. As the machine is coming back on, hold down the FEED and ESC buttons. The screen should read "Enter Code".
3. Press CUT > ONLINE > FEED > CUT > ONLINE > ONLINE > ONLINE
4. Press the ONLINE button so that the screen reads "OFFLINE"
5. Press the PROG-ESC button and the screen should read "PRINT INFO"
6. Press the CUT button until the screen reads "SPECIAL FUNCTION"
7. Press ONLINE to enter the menu and go down to Printhead Type
8. Select the size of the installed print head.

9. The printer should restart then display "ONLINE"
10. Press the ONLINE button so that the screen reads "OFFLINE"
11. Press the PROG-ESC button and the screen should read "PRINT INFO"
12. Press the CUT button until the screen reads "INTERFACE PARA"
13. Press the ONLINE button so that the bottom of the screen says "EASYPLUGINTERP"
14. Press the ONLINE button twice so that the screen says "Interface" and then either "Centronics" or "Automatic" depending on the current firmware installed
15. If it says "Centronics" press the FEED button until the screen reads "AUTOMATIC"
16. Press the PROG-ESC button until the screen reads "INTERFACE PARA"
17. Press the CUT button once so that the screen reads "SYSTEM PARAMETER"
18. Press the ONLINE button so that the screen reads "Foil end warning"
19. Press the CUT button until the screen reads "Signal/buzzer" and press the ONLINE button
20. Press the CUT button so that it says "Off" and then press the ONLINE button
21. Press FEED until the screen says "Mat. end detect" and press ONLINE
22. Press CUT so that the screen says "Disabled" and then press ONLINE
23. Press FEED once so that the screen reads "Foil stretching" and press ONLINE
24. Press CUT until the screen says 0mm next to Feedback and then press ONLINE
25. Press FEED twice so that the screen reads "Miss. Label tol" and press ONLINE
26. This value should be at least 5 so increase the value by pushing FEED until the value is at least 5 and then press ONLINE
27. Press the FEED button until you see "Head resistance." Make sure that this value matches the value written on top of the print head. If it does not, change the value to match and press ONLINE
28. Press the FEED button until you see "Ribbon autoecon." and press ONLINE
29. Press the FEED button so that it says Enabled or On and press ONLINE
30. Press the PROG-ESC button so that the screen reads "SYSTEM PARAMETER"
31. Press the FEED button until you see "PRINT PARAMETER" and press ONLINE
32. Press CUT until you see "PUNCH OFFSET" and press ONLINE, then change the value to -4.0mm and press ONLINE
33. Press CUT until you see "Y-PRINT ADJUST" and press ONLINE, then change the value to 4.0mm and press ONLINE
34. Press the PROG-ESC button until the printer says OFFLINE and continue printing

The following steps are for if you have a Single-Start catch tray ONLY!

35. Press PROG-ESC to go into the menu.
36. Press the CUT button until you see "SYSTEM PARAMETER" and press ONLINE
41. Press the CUT button until the screen reads "External signal" and press ONLINE
42. Press the FEED button once so that the screen reads "Singlestart" and press ONLINE
43. Press the PROG-ESC button until the printer says OFFLINE and continue with printing

The following steps are for if you have a Power Stacker ONLY!

39. Press PROG-ESC to go into the menu.
40. Press the CUT button until you see "SYSTEM PARAMTER" and press ONLINE
41. Press the CUT button until the screen reads "External signal" and press ONLINE
42. Press the FEED button until the screen reads "Stacker Full" and press ONLINE
43. Press the PROG-ESC button until the printer says OFFLINE and continue with printing