

## Manual for Software Update NC 590

A Micro-SD memory card with a capacity of 1GB up to 8GB is necessary.

Please go to the Olympia web page [www.olympia-vertrieb.de](http://www.olympia-vertrieb.de). Select Office, Money Counter and Update new Euro Notes. Select your model NC 590. Download the "update.bin" file and the "update1.bin" file from the Olympia homepage.

Load the "update.bin" on a Micro-SD memory card. Switch the money counter off. Insert the Micro-SD memory card in the corresponding slot provided on rear of the machine. The contacts must point downwards. Switch the money counter on. During the update process, the machine produces a noise (motor turns) while the display remains empty. When the update has been completed, the noise stops and the display appears as normal. The version number can be seen for a short time. The update.bin file is deleted automatically.

Now load the "update1.bin" file on the Micro-SD memory card. Switch the machine off. Insert the Micro-SD memory card in the corresponding slot of the machine. Switch the machine on and wait till the display appears as normal. The display shall show the new version number in the display. The update1.bin file is deleted automatically.

If you want to complete the software update on several machines NC 590, use two Micro-SD memory cards and copy one file on each card. Set the file attributes to "read only". After the firmware update the files remain on the cards and can be used for the update on the next machine (same model NC 590).

Remark: From firmware version U26 onwards the machine allows the free count mode. Press CUR button many times until LOC appears in the display. In this position all sensors are deactivated and the machine counts pieces.

### CORRECT THE PARAMETER INSTRUCTION AFTER UPDATE

Press the button "0" while turn the machine ON. The display shows the following:

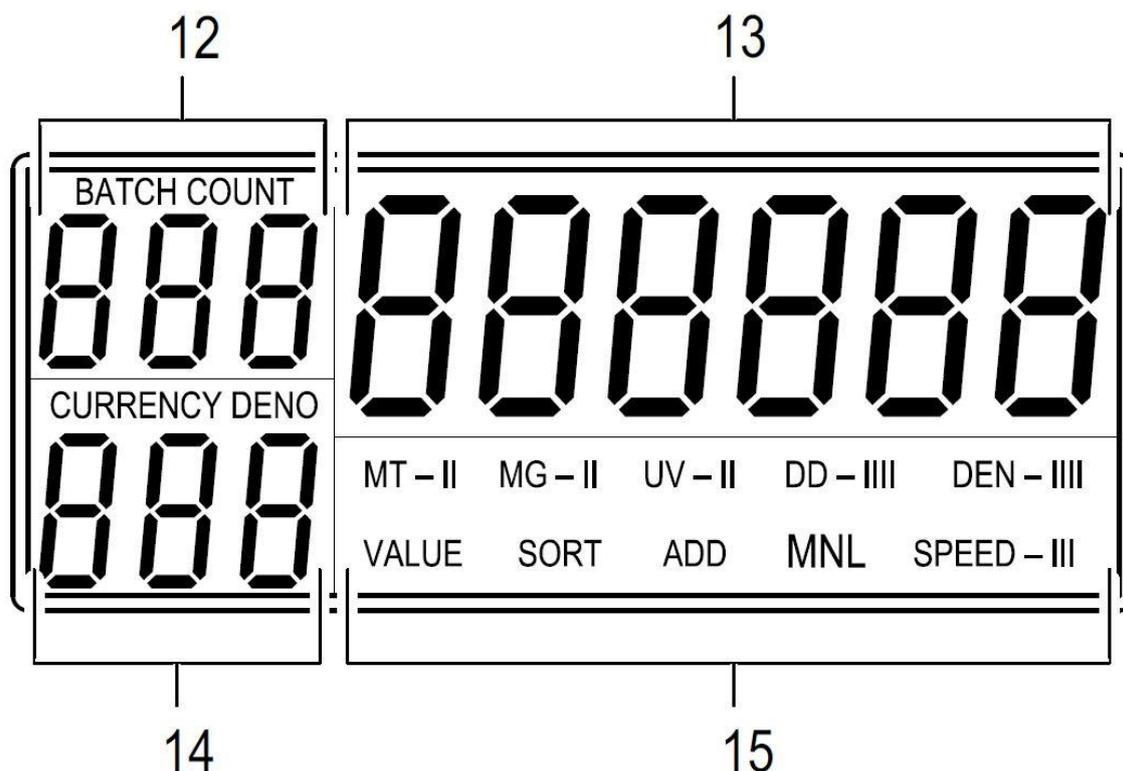


Feed one EURO 5.00 at the middle of the hopper with the two side limiter, without any skew. Feed the 5 Euro note many times. During this procedure the sensors are adapted to the new firmware accordingly.

Then press the button "0", until the display shows the display from stand by mode. The machine has already stored the parameters. Turn the machine off.

The machine can be used as usual.

The Display shows the sensitivities of the various sensors. Please select the mode for counting of mixed Euro notes (CURRENCY = EUR, Mode = VALUE).



The sensor sensitivities are shown in section 15. These settings are ONLY an example. After the update the settings should be checked again. For the new 50 Euro note the settings must be compared and corrected.

The sensitivities must show the following settings:

**MT-I MG-I UV-I (DD-0) DEN-IIII or MT-I MG-I UV-I (DD-0) IR-IIII**

The display shows DEN or IR at the right corner. But it means INFRARED in both cases. In case the settings must be corrected, please press the CF-button for 3 seconds.

**MT-I** This is the sensitivity for the safety thread. This value is fixed and so the setting switches automatically to MG setting.

**MG-I** This value is for the magnetic sensitivity. The setting (I) must be selected by pressing the ADD-button. Press the CF-button for the next setting.

**UV-I** This value is for the ultraviolet sensitivity. The setting (I) must be selected by pressing the ADD-button. Press the CF-button for the next setting.

**DD-0** This setting (0) must be selected by pressing the ADD-button. Press the CF-button for the next setting.

**DEN-IIII or IR-IIII** This value is for the infrared sensitivity. It must be set by pressing the ADD-button. Press the CF-button to finish the settings.

The machine is ready to count and check the notes.