



OPTIKA MACHINE SOFTWARE FIRMWARE REVISION HISTORY



SOFTWARE VERSION 1.2.036

DATABASE VERSION 37.00

Date of release: 15/02/2021

- Updated the Database with 120 new profiles.

SOFTWARE VERSION 1.2.036

DATABASE VERSION 35.00

Date of release: 04/07/2017

- Updated the Firmware to manage Optika NA
- Updated the Database with 209 new profiles.

SOFTWARE VERSION 1.2.034

DATABASE VERSION 33.00

Date of release: 01/10/2014

- Updated the Database with 276 new profiles.

SOFTWARE VERSION 1.2.034

DATABASE VERSION 32.00

Date of release: 19/07/2013

- Updated the Database with 27 new profiles.

SOFTWARE VERSION 1.2.034

DATABASE VERSION 31.00

Date of release: 14/03/2013

- Updated the Database with 34 new profiles.

**SOFTWARE VERSION 1.2.034****DATABASE VERSION 30.00**

Date of release: 10/09/2012

- Updated the Database with 17 new profiles.

SOFTWARE VERSION 1.2.034**DATABASE VERSION 29.00**

Date of release: 24/02/2012

- Updated the Database with 26 new profiles.
- Modified the switching on of the LED lights in the reading profile / cuts of bit and double bit keys to overcome the jumping from right to left bar alignment problem.

SOFTWARE VERSION 1.2.033**DATABASE VERSION 28.00**

Date of release: 08/11/2011

- Updated the Database with 42 new profiles.
- This version also manages the OPTIKA LIGHT device.

SOFTWARE VERSION 1.2.032**DATABASE VERSION 27.00**

Date of release: 06/07/2011

- To save energy Optika turns itself off automatically after 16 hours.
- Taken to 3000 the number of self-loaded profiles that can be stored in the Key Reader Program memory.
- All profiles self-loaded by the machine can be imported into the Key Reader Program Database; as the memory space available on OPTIKA is restricted, when there are many user profiles the Key Reader Program is an essential alternative.
- This new version incorporates the self-calibration of the LEDs in order to get a more precise reading of key profiles (pump keys).

SOFTWARE VERSION 1.2.031**DATABASE VERSION 26.00**

Date of release: 04/04/2011

- This new version was created so that both the old type and new type electronic boards function properly.

SOFTWARE VERSION 1.2.030**DATABASE VERSION 26.00**

Date of release: 23/02/2011

- Implemented a new procedure to restore the internal program via USB.
- Updated the Database to include 12 more profiles.
- This new version adds the possibility of calibrating the LEDs that read the keys profile in the calibration function..

SOFTWARE VERSION 1.2.029**DATABASE VERSION 24.00**

Date of release: 02/07/2010

- Improved the updating procedure via USB memory stick by adding a control on the possible corruption of files stored on the USB memory stick.
- Updated the Database to include 16 more profiles.

SOFTWARE VERSION 1.2.028**DATABASE VERSION 23.00**

Date of release: 15/04/2010

- Added the management of a new key type (female special bit) in both "Key search" and "Key matching". A reading of this key type can also be sent to IDEA for duplication without the aid of a PC
- Improved the management of "User profile". The backup of user profiles downloaded to the PC can now be used to restore or upload a different OPTIKA device.

NOTE: The number of profiles the user can save is limited to 300

- Updated the Database to include 15 more profiles.

**SOFTWARE VERSION 1.2.027****DATABASE VERSION 22.00**

Date of release: 12/02/2010

- Corrected a problem related to the management of user profiles.
- No new functionality or database update included.

SOFTWARE VERSION 1.2.026**DATABASE VERSION 22.00**

Date of release: 02/12/2009

- Corrected a problem related to direct transmission to IDEA.
- No new functionality or database update included.

SOFTWARE VERSION 1.2.025**DATABASE VERSION 22.00**

Date of release: 30/11/2009

- Added the new function "Copy Key" that allows to copy any bit, pump or shoulder-stop (mortice) key by transmitting all necessary data directly to IDEA without the aid of a PC.
- Management of shoulder-stop (mortice) key type (only for "Key matching" and "Copy key").
- Added the Romanian language.
- Updated the Database to include 29 more profiles.

SOFTWARE VERSION 1.2.024**DATABASE VERSION 21.00**

Date of release: 28/10/2009

- This version is released with the purpose of correcting a software problem that could cause a complete loss of functionality under specific circumstances.



- Updating to this version from any earlier version is strongly recommended.
- No new functionality or Database update is included.

SOFTWARE VERSION 1.2.023

DATABASE VERSION 21.00

Date of release: 07/2009

The key comparison function for flat keys (tip-stop and shoulder-stop) is been radically improved and is to be considered finalized starting from this version.

- Management of 7 new languages: Portuguese, Russian, Greek, Dutch, Czech, Turkish, Swedish.
- Improved the function of key comparison for all types of flat keys: single/double side tip-stop and single/double side shoulder-stop.
- Introduced a new function that allows to visualize in details the results of a key comparison for tip-stop flat keys and shoulder-stop flat keys.
- Improved the function of key comparison for bit, double-bit and pump keys.
- Introduced a new function to automatically broaden a profile search when no reference is immediately found.
- Introduced a new function to repeat a profile search ignoring bit length for shoulder-stop flat keys and all bit, double-bit and pump keys.
- Updated Database to include more profiles (SKP Upgrade 2/2009)
- Improvements of profile searching algorithm.

Remember to use a USB pen drive as an alternative to quickly update the internal device program. The SKP program has a specific procedure for preparing the USB pen drive content (Open the “Machine table” window, double-click on the Optika device, in the “Machine



management” window click on the “Advanced” button, select the “USB flash memory” tab and follow the instructions).

SOFTWARE VERSION 1.2.022

DATABASE VERSION 19.00

Date of release: 04/2009

Modifications to this version are for internal use only.

- Improved the calibration procedure.

SOFTWARE VERSION 1.2.021

DATABASE VERSION 19.00

Date of release: 01/2009

The key comparison function for double bit, single bit and pump keys is been radically improved and is to be considered finalized starting from this version.

- Improved the function of key comparison for single bit, double bit and pump keys.
- Introduced a new function that allows to visualize in details the results of a key comparison for double bit, single bit and pump keys.

Starting with this version the machine can be updated with a USB pen drive by following the procedure available in the Key Reader Program 3/2008.

- Improved USB pen drive recognition for updating the machine.
- Updated Database to include more profiles.
- Improvements of profile searching algorithm.



SOFTWARE VERSION 1.1.020 DATABASE VERSION 18.00

Date of release: 10/2008

- Modified the communication protocol to allow communication with USB/RS232 converters. Some more models have been tested.

SOFTWARE VERSION 1.1.018 DATABASE VERSION 18.00

Date of release: 07/2008

- Improvements of profile searching algorithm.

SOFTWARE VERSION 1.1.016 DATABASE VERSION 17.00

Date of release: 04/2008

- New function to compare pump keys bitting.
- New function to show comparative key blanks after key search.
- New function to show alternative key blanks after key search.
- New updating function by USB pen drive.(Beta version)
- Improvements of stem length measurement.
- Improvements of profile searching algorithm.

SOFTWARE VERSION 1.0.000 DATABASE VERSION 17.00

- Initial release.