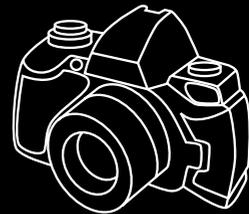
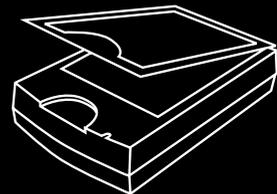


# *SilverFast*<sup>®</sup>

*Manual*



48  
Bit

*LaserSoft Imaging*<sup>®</sup>



*English*



# 1. Introduction

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## Dear SilverFast User

*SilverFast Ai* is now in its fifteenth year after its introduction in 1995. By now *SilverFast* has received so much recognition world-wide that some already call *SilverFast* “*The Standard*” for scan software. That is a great compliment but nothing we intend to rest upon!

*SilverFast* has made professional colour scanning truly manageable and results predictable.

Significant inventions have paved our way to the new powerful *SilverFast 6*, such as the unique unsharp masking and Focus Preview, Plug & Play CMYK, the easy yet powerful Selective Colour Correction, *NegaFix*® for optimum negative film conversion, *HiRePP*® for fastest loading of largest image files and now in *SilverFast 6* with *SC2G*®, Intelligent Colour to Grey conversion, Enhanced Selective Colour Correction with layers and masking and *SilverFastSRD*® (Smart Removal of Defects), a unique software based dust and scratch removal.

With *SilverFast Ai 6* you will also see the advent of the first *SilverFast Ai* QuickTime movies, exemplifying the powerful functions built into *SilverFast 6* demonstrating how easy these tools can be used.

We are currently at a *threshold of unique changes* in the world. Imaging is becoming the premier and most significant technology as a *translator* between the human being’s mind and the outside world. It is indeed the *form-structuring character* of the evolution, that is bringing isolated bits and pieces together into a meaningful intelligent wholeness, being recognized by us as an image. When the ancient Veda says: “*Knowledge is structured in consciousness*”, it is where we become aware of meaningful items, which are images and thereby structuring knowledge in our consciousness. Science has recognized the *imaging character* of our brain as the source of our intelligence and the seat of consciousness. As imaging developers we are proud at *LaserSoft Imaging* to be adding at little piece to the exciting global enfoldment of the potential of consciousness.

Karl-Heinz Zahorsky  
President and Founder  
*LaserSoft Imaging AG*

Kiel, February 2010

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*Chapter 1*

*Installation*



## 1.2 Installation

The first chapter explains the system requirements and how to install *SilverFast*. Please carefully check which folder has been allocated as your Photoshop *plug-ins* folder if you install as a Photoshop plug-in.

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## System Requirements

### Macintosh

*SilverFast* requires a Power Macintosh with at least 128 MB of available RAM beside all other running applications.

The operating system must be Mac OS 9.2\* or later.

Please check for latest *SilverFast* releases on our web site at [www.SilverFast.com](http://www.SilverFast.com).

The maximum performance of *SilverFast* can be released on a PowerMac with enough RAM. Please note that your imaging software (e.g. Photoshop) requires 3 to 4 times the amount of RAM than the image requires.

Batch scanning to disk of very large TIFF files requires only minimum RAM.

Installation requires at least 60 MB of free hard disk space.

#### \* Attention!

*Not all SilverFast versions are available for Mac OS9.2. Some newer Versions require Mac OSX or better. Please refer to LaserSoft Imaging's web site for details!*

### Appearance Manager

You can change the image of the Finder and other programs by using the Appearance Manager (only if installed in the operating system). The Appearance Manager must be installed for the proper functioning of *SilverFast version 6*.

### Removal of Macintosh 68k Support

Starting with Version 5 of *SilverFast*, the older Macintosh models with 68k processors will no longer be supported. The computing performance of these processors is not sufficient for providing a timely acceptable work flow with *SilverFast*.

## Windows

*SilverFast* PC works with *Windows 98SE*, *Windows ME*, *Windows XP* or *Windows 2000* and requires at least 128 MB of available RAM.

Installation requires at least 60 MB of free hard disk space.

## Scanner Interfaces

### SCSI

SCSI IDs „0“ and „7“ are not supported by *SilverFastAi*. These IDs are normally used by the start volume and the SCSI host adapter.

### USB

In general *SilverFastAi* will require the appropriate USB drivers for USB scanner. These will be installed with the manufacturer's original installation, which has to be installed first if not indicated otherwise in the *SilverFastAi* CD **Read Me**.

#### **Attention!**

For Windows 98SE, 2000, ME the system file >usbscan.sys< must be there:

```
c:\Windows\System32\drivers\usbscan.sys
```

The file USBSCAN.SYS will normally be installed with the windows installation. It may sometimes happen that some Windows installations do not install the file ( in this case post-install the file). Only then Windows can recognize your USB scanner.

### FireWire

In general *SilverFastAi* will require the appropriate FireWire drivers for FireWire scanner. These will be installed with the manufacturer's original installation, which has to be installed first if not indicated otherwise in the *SilverFastAi* CD **Read Me**.

## Installing SilverFast

It is now possible to use *SilverFast* without the aid of any additional applications with the new *SilverFast Version 6*.

To do this, the *SilverFast Stand-Alone-Program* “*SF Launcher*” for opening Photoshop Plug-ins, is installed automatically. If possible, *SilverFast* installs its self directly into the Photoshop directory. By means of a “Link”, an “Alias”, *SilverFast* can directly access the Plug-in. If Photoshop is not installed on the computer, *SilverFast* will be installed into the directory of the “*SFLauncher*”



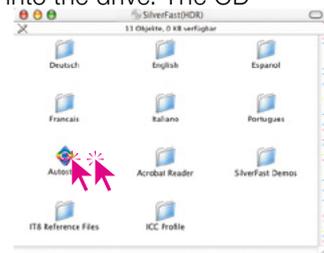
The big advantage is the *SilverFast Stand-Alone-Application* “*SFLauncher*” needs very little memory to run (2-4 MB). Also, in comparison to Photoshop, the start time for the program is substantially shorter.

With “*SFLauncher*”, *SilverFast* becomes totally independent. Regardless whether you work under Macintosh or Windows, you will not need any other program to use any edition of the *SilverFast* family: *SilverFast Ai*, *SilverFast SE*, *SilverFast HDR*, *SilverFast HDR Studio*, *SilverFast DC*, *SilverFast DC Pro* or *SilverFast DC ProStudio*.

## Installing SilverFast Plug-in

- Insert the *SilverFast* Installation CD into the drive. The CD mounts automatically and a Welcome window should be opened.

In all other cases open the CD manually and click on to the Installation program “**Autostart**”.



- Choose the desired “**Language**” and click “**Continue**”.

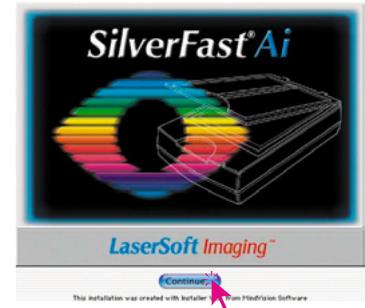




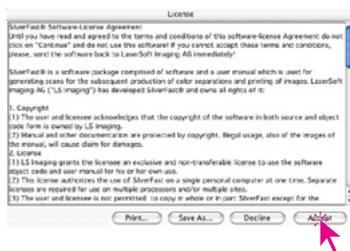
- You may choose the type of installation in the menu „SilverFast Installation“. You may also install the PDF-documentation and the QuickTime movies from here. Continue by clicking the button „**Begin installation**“.

Depending on your operating system, the administrative rights are checked. Continue with “**OK**”.

- By clicking “**Continue**”, the Installation will commence.



- Please read the License agreement carefully. If you agree with the terms, click “**Accept**”.



- Click “**Install**”. The installation will be prepared, and the computer will be searched for a Photoshop installation.

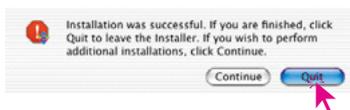




- In the next dialogue, the results of the search are shown.

Choose the target destination of Photoshop and click “Select”.

If Photoshop is not found on the computer, *SilverFast* will be installed into the *SFLauncher* directory.



- Close the dialogue after installation by clicking “Quit”



### Important! (Mac OS 9 Users only)

Before beginning to work with *SilverFast* and starting Photoshop, please check your RAM allocation for Photoshop! Be aware that Photoshop needs 3-4 times the RAM of the image you would like to scan!

## SilverFast as a TWAIN Module

TWAIN modules for *SilverFast Version 6* and higher are only delivered for a few scanners and are generally not included on the installation CD.

Available TWAIN modules can be found on our web site. If you do require a TWAIN module please check the download area for modules for your desired scanner:

<http://www.silverfast.com/update/en.html>

*LaserSoft* recommends the use of the Photoshop plug-in, either directly via Photoshop or the “*SFLauncher*”.

## Installation of TWAIN Modules



The installation of TWAIN modules is similar to the described installation of the Photoshop plug-in. The downloaded installer is started by double clicking the icon. Then follow directions.

## Starting and Activating the *SilverFast* TWAIN module

The exact steps for launching *SilverFast* strongly depend on the used imaging program and are only rudimentary described here.

- Launch the TWAIN compatible imaging program.
- Choose “*SilverFast*” in the “TWAIN source” option.
- Search for the “Import function” in the imaging program and activate the *SilverFast* module for the connected scanner.

## Welcome Dialogue

In the new *SilverFast* versions, a new active “Welcome screen” is displayed after launch.



By means of the available buttons, the user may directly access the respective functions of *SilverFast*, and may also obtain information on current developments, documentation, hints and help. For fully using these functions, an internet connection has to be present.

### QuickTime movies and documentation:

A link to the web page containing all movies.

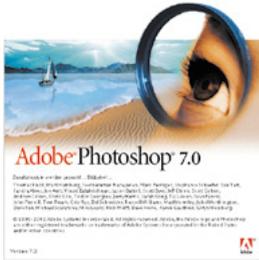


**Functions and features:** A link to the highlights of *SilverFast* within the *LaserSoft Imaging* web site.





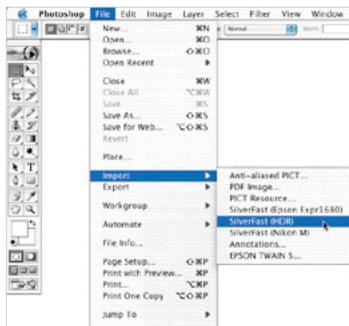
## Launching and Activating SilverFast via Photoshop



- Insert the *SilverFast* Installation CD into the drive. Please ensure that you are logged into your system as ROOT / Administrator.

- Launch Photoshop.

- Make sure that the scanner is correctly connected and switched on. SCSI scanners in OSX have to be turned on before you start your computer! Otherwise the scanner might not be recognized. Please note that with some film scanners a slide or a filmstrip has to be loaded.



- Open the menu “File”.

The installed *SilverFast* software can be found in the sub menu “Import”.

Launch *SilverFast* by clicking it.

*SilverFastAi* now searches the bus-system for connected and running scanners and installs them.



- If *SilverFast* launches or the scanner was found, the welcome screen initially appears.

If an internet connection is established, the respective topics on our web site can be reached by means of the buttons within the dialogue. You can also check for possible updates here; if an update is available you may download it from here directly.



- After this dialogue has been closed, the registration window appears.

First Name:

Last Name:

Organization:

Serial number:

Please note that the 20 digit serial number is to be entered without spaces and in capital letters. Make sure that the number you enter consists only of numbers between 0 and 9 and letters between A and F.

General information

First Name:

Last Name:

Company:

Serial number for older versions

If your serial number has 20 characters, please enter this number here

Serial number for newer versions

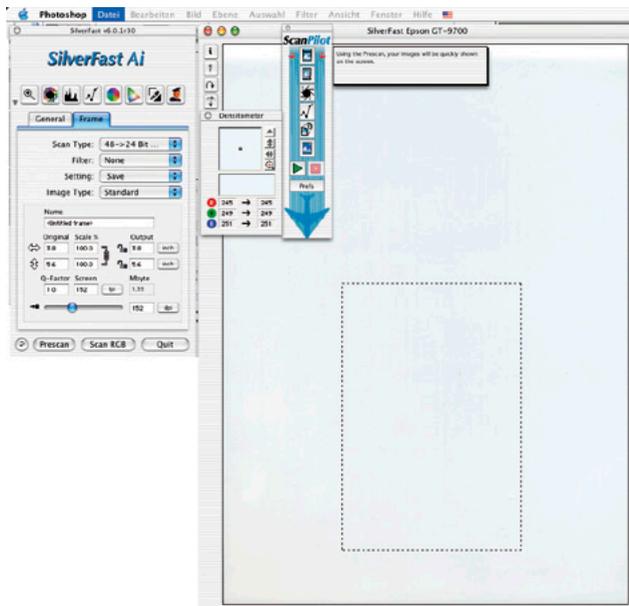
If your serial number has 6 fields with 5 characters each, please enter this number here

-  -  -  -  -

SilverFast Epson v6.4.2r5d

Some *SilverFast* versions will require a 30 digit code in future, which is made up of 6 groups of 5 values each. This code consists of numbers between 2 and 9 (no ones and no zeros), and all letters between A and Z – except the letters “i” and “o”.

Finish the dialogue by clicking “OK”.



*SilverFast* will now commence. All functions of *SilverFast* are explained with a help text at the lower margin of the prescan window. More help is given by clicking on the “?” button to the left of the prescan window.

## Launching and Activating *SilverFast* via *SFLauncher*

- Insert the *SilverFast* Installation CD into the drive. Please ensure that you are logged into your system as ROOT / Administrator.

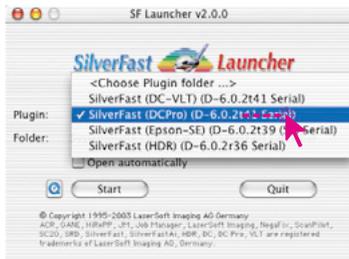
- Launch *SFLauncher*.



- Make sure that the scanner is correctly connected and switched on. Please note that with some film scanners a slide or a filmstrip has to be loaded.



- Open the menu "Plug-in" and choose directly your desired *SilverFast* version or browse for the directory where the *SilverFast* plug-ins are located by clicking "<Choose Plug-in folder>". Launch *SilverFast* by clicking "Start".



*SilverFast* will launch and search for the connected scanner.



- If *SilverFast* launches or the scanner was found, the welcome screen initially appears.

If an internet connection is established, the respective topics on our web site can be reached by means of the buttons within the dialogue.

You can also check for possible updates here; if an update is available you may download it from here directly.



First Name:	John
Last Name:	Brown
Organization:	ABC
Serial number:	1234567890ABCDEF789d

- After this dialogue has been closed, the registration window appears. Please note that the 20 digit serial number is to be entered without spaces and in capital letters. Make sure that the number you enter consists only of numbers between 0 and 9 and letters between A and F.

General information

First Name:	John
Last Name:	Brown
Company:	ABC

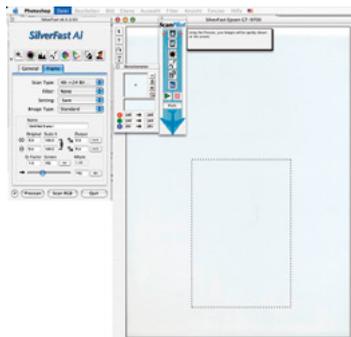
Serial number for older versions  
If your serial number has 20 characters, please enter this number here

Serial number for newer versions  
If your serial number has 6 fields with 5 characters each, please enter this number here

SilverFast Epson v6.4.2r5d

Some upgrades will require a 30 digit code in future, which is made up of 6 groups of 5 values each. This code consists of numbers between 2 and 9 (no ones and no zeros), and all letters between A and Z – except the letters “i” and “o”.

Finish the dialogue by clicking “OK”.



*SilverFast* will now commence. All functions of *SilverFast* are explained with a help text at the lower margin of the prescan window. More help is given by clicking on the “?” button to the left of the prescan window.

## SilverFast “Feature CD”

The “Feature CD” allows you to expand an already installed *SilverFast* version. For example with the “IT8 Calibration”.

Please begin with a *SilverFastAi* version that has already been installed, serialized and is functioning properly with your scanner. Please follow the indicated steps below.



- Place the Feature CD into the drive and have your 20 digit or 30 digit serial number on hand.

Wait until the system has recognised the CD.

- Start the *SilverFastAi* version for your scanner.
- Click on the small “i” button in upper left edge of the prescan window. Note: If you cannot find the “i” button it may be hidden behind the *ScanPilot*.

- Click the “Credits” button.  
The activation data is displayed in a small pop-up window.

- Click on the “Upgrade” button.



- Delete the old serial number by entering the new serial number in the registration window.

- Close the dialogue by pressing “OK”.

Once the code has been accepted the dialogue window will disappear. The new feature is now available in the vertical button bar to the left on the prescan window.

## For Problems while Entering the Serial Number

If the dialogue for entering the serial number cannot be closed with the “OK” button, then *SilverFast* does not accept your entry. Please determine the following:

- If you get the message “Please insert the SilverFast CD and restart SilverFast”, please cancel out of the serial number dialogue, close *SilverFast*, insert your CD, and launch *SilverFast* again. The key is that the installation CD needs to be present while *SilverFast* starts up. It won’t be recognized once *SilverFast* is running.
- At least one letter must appear in the text spaces for your name and company. If you are using *SilverFast* privately, you may enter “private” in the space for “company”.
- The serial number for *SilverFast* used up to now always has 20 digits. It consists of numbers from 0 to 9 and the letters A to F, so that the letter “O” cannot appear. It can only be a zero.

Some upgrades will require a 30 digit code in future, which is made up of 6 groups of 5 values each. This code consists of numbers between 2 and 9 (no ones and no zeros), and all letters between A and Z – except the letters “i” and “o”.

- Please make sure that you use only capital letters.
- Enter the serial number without any spaces or other symbols.

If you still cannot close the dialogue with the “OK” button, please contact us.

## Update Reminder

After a period of 3 or 6 months, *SilverFast* welcomes you with a dialogue that reminds you of any available updates. This dialogue allows you to directly update the software, provided that an internet connection is available.



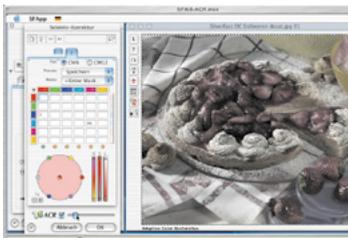
## QuickTime Movies

### **SilverFast on-line Training with QuickTime Movies**

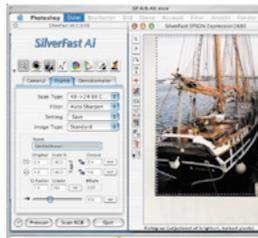
*SilverFast* is the first imaging software using 1:1 QuickTime movies including sound for on-line training. The user immediately learns what the function does and how it is to be applied. Never has complex software been easier to master.

Please check back with our home page which movies are available, we will be constantly adding more movies. We will eventually have QuickTime movies for all *SilverFast* functions.

Here is a selection of the growing number of movies:



*General introduction in SilverFast*



*SilverFast ACR*



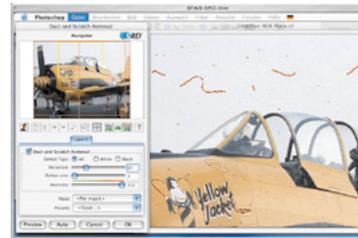
*SilverFast GANE*



*SilverFast MidPip4*



*SilverFast SC2G*



*SilverFast SRD*