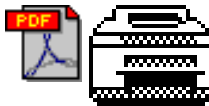


PDF printer driver

PDF Print

v2.0

for Calamus SL
(requires SL2006 or higher)



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Installation

The printer driver PDF Print is supplied on one floppy disc and is accompanied by these instructions.

1. Before you start make a copy of this installation disc. Store your original disk in a safe place and use only the copy for all further steps.
2. Open the main folder (INV_DISK.PDF) on the disc and copy all subfolders (PRINTERS etc.) into your Calamus folder on your hard disc. The files will be copied automatically to the expected places in your Calamus folder.
3. You may find additional information about PDF Print in your Calamus folder which has been released since the manual was printed. Please check the folder \INFO\PRINTERS\PDFPrint\ for further information. You are strongly advised to read this information carefully, at least once.
4. Now start your Calamus SL (PDF Print requires SL2006 or higher!) and select the menu entry "File: Print".
5. Click on the printer name button, select the printer driver file "PDFPRINT.CDT" in the file selector and then click on "OK".
6. If you want to load PDF Print automatically each time you start Calamus SL, we recommend you save the Calamus settings now (Menu "Options", entry "Save Settings").



1 PDF Print

This printer driver has been developed for Calamus SL and combines the advantages of SoftRIP output from Calamus with the PDF format, which is now being utilized by an increasing number of printers and imagesetting bureaux.

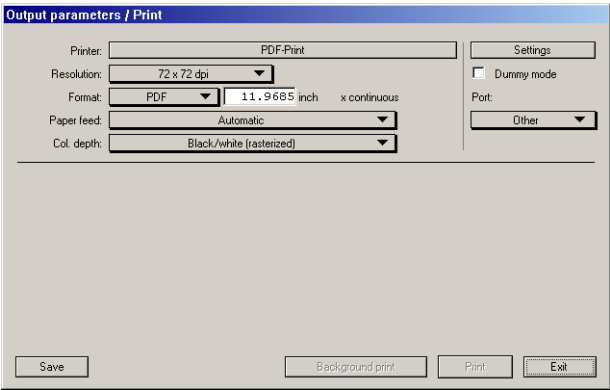
So: PDF Print outputs print data to PDF files. The results are printable PDFs that no longer contain any vector objects or searchable text but are simply “plain” document pages, though with monochrome output these are completely rasterized. For this all Calamus specialities such as masking, transparencies, arrowheads etc. are retained.

The printer driver PDF Print has the following advantages over the (object oriented) PDF output from Bridge:

- PDF Print supports real CMYK output.
- By outputting in printing strips, appreciably less memory is required.
- Raster frequencies and angles are (optionally) output as well.
- Imposition modules are supported.
- The price is right!

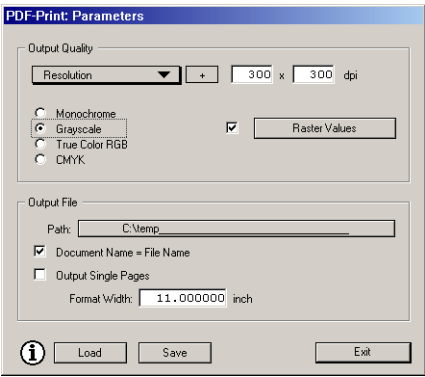
After installing the PDF Print driver, it appears for selection in the Calamus Print dialog as a normal printer driver.

PDF Print 2.0



With the “Settings” button at top right of the Print dialog you can set the parameters of the PDF Print printer driver, as described below.

1.1 Settings



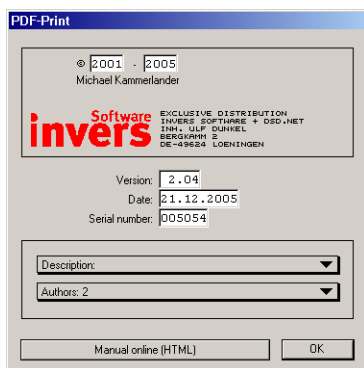
This dialog displays all the parameters that you can set in PDF Print. The parameters may be saved and reloaded. If you save the parameters in a file named PDFPRINT.SET in the same path as that in which PDF Print is placed



(normally in the PRINTERS folder), they will be loaded automatically with the printer driver when this is next loaded and are available for use immediately.

By clicking on the round (I) you will open the Info dialog of the printer driver.

If you have questions or need support for the printer driver then please note the version number of your PDF Print, so that our support staff know whether you perhaps need an update or upgrade version.



From the info dialog, you can open several web pages directly, when you use Calamus under Windows.

Module icon

A click on the module icon in the upper left corner of the info dialog opens the product information page of the module or driver in our website www.calamus.net – where you can find further informations about the module or driver.

invers logo

A click on the invers logo opens the home page of www.calamus.net.

Manual online [HTML]

Click this button to directly open the module's or driver's manual in our website man.calamus.net if any HTML version of the manual exists there.

Updates to our modules and drivers are generally free of charge. You receive all free updates of any optional modules and drivers you purchase automatically when we deliver any software you have ordered.

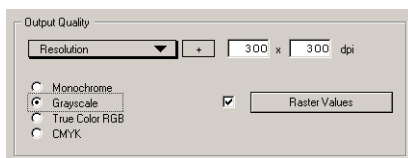
Upgrades to modules and drivers are chargeable. You will be informed about new products, upgrades and updates via postal mailings and our Calamus NewsTicker in the Internet. We recommend that you visit our website (<http://www.calamus.net>) and subscribe to the free Calamus NewsTicker. After that you will receive all information sent promptly by email to your house. Therefore, select the subject "News" on our website and then chose the sub menu entry "Subscribe\Unsubscribe".

Tip: Check first on the Calamus website that you are working with the current version of the module or driver. You can find the UpToDate list always under:

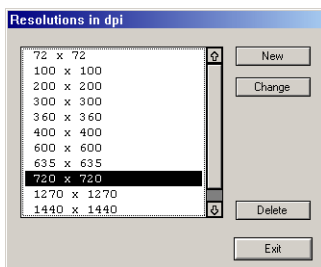
<http://www.calamus.net/calamus/uptodate.php?lan=en>

Or use the Version Checker module to ascertain the current status of your modules and drivers.

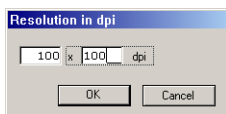
1.1.1 Output quality



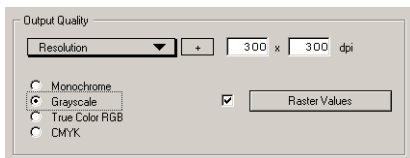
In this part of the dialog you first have to choose the resolution in which the PDF output should be made. If there are no resolution values available yet, please click on the [+] field next to the Resolution popup. A further dialog shows the Resolutions list, which may still be empty.



Click on the "New" button in it to create a new resolution.



In the dialog that appears you can set different values for the X and Y axes, though as a rule this will result in distorted output. Therefore you should normally use the same values for both directions.



After this select the desired colour depth of the print output. You have a choice of four options:

Monochrome

This kind of output is generally rasterized or dithered, depending on your settings in the Calamus Raster generator. So you should have set the desired raster in the Raster generator beforehand.

Greyscale

Here colour documents will be output as greyscales too. For imagesetting the layer names will be saved in the PDF file, so that a RIP can recognize which colour layer is currently being output.

It is possible also to specify in the PDF file how, say, a film imagesetter is to adjust its own raster frequencies and raster angles. For this, click on the checkbox following the "Greyscale" popup entry so that the raster values will be adopted. If you click on the "Raster width" button, a dialog opens in which you can define the current raster frequencies and angles.

Color	Frequency (lpi)	Angle (°)
Cyan:	60.000	75.000
Magenta:	60.000	15.000
Yellow:	60.000	0.000
Black:	60.000	45.000
Spot Color #1:	60.000	45.000
Spot Color #2:	60.000	45.000
Spot Color #3:	60.000	45.000
Spot Color #4:	60.000	45.000
Default:	60.000	45.000

The parameter values are self-explanatory. The default value will be assigned for all further colour layers for which no value has been defined.

TrueColor RGB

The RGB output is meant ideally for screen output, but also for devices that can "only" receive RGB data, or should perform their own separations.

CMYK

Here the document will be output with 32 bit colour depth. During this RGB data contained in the document will be converted to CMYK data in the colour separation. Therefore you should have set up the desired colour separation method in Calmus's Colour Separation module beforehand.



1.1.2 Output file

As PDF Print generally outputs to a file, at some stage you have to define the path that the printer driver is to write the PDF file(s) to. Click on the "Path" line and select the desired drive path.

Warning: If you choose a drive that is not available at all times (e.g. interchangeable media drives) then it is possible that under MagicMac and MagicHades Calamus may crash. The reason is that these platforms unfortunately do not return messages about missing drive media to Calamus. The problem does not arise on other platforms.

Generally you can define a new PDF filename for each output, or use the "Document name equals Filename" switch to avoid being asked for a name each time. If this switch is set then for example a document name Example.CDK generates the PDF name Example.PDF.

In addition you can specify that the "Format width" of a PDF output file is not to exceed a given width. This is of interest particularly for imagesetting. If you output, say, on a Linotype Recorder 300, its film width of around 30.5 cm is rather limiting. Inadvertently exceeding this printing width in the PDF document could give rise to problems.

1.2 Tips

1.2.1 Mac OS + MagicMac

In the Mac OS Finder, if you double-click on a PDF file that was created with PDF Print (or Bridge 5 or ColoPS), then instead of the Acrobat Reader opening, MagicMac opens. This is due to the fact that all files created by programs running under MagicMac are seen routinely by the Mac OS as "coming from MagicMac".

To alter this behaviour, proceed as follows:

- Start MagicMac.
- Switch over with [Apple]+[W].
- In the MagicMac menu "Settings" (in Mac OS Finder) select "Filetypes".
- Click on "New", enter the extension: ".PDF " with a space as the fourth character (Creator: CARO, Type: PDF) or look for the relevant file that will be opened by Acrobat.