

How to install a driver for a DC4(sx)



Introduction

This document describes how to install the software necessary to drive the a DC4 series printer-cutter.

A **design software** is needed to create a design. Popular design programs are CorelDRAW, Adobe Illustrator, Inkscape, ... Design software is not supplied from Summa.

The design created with one of those design software's need to be sent to the printer-cutter. Before the design can be sent, the design need to be converted in commands understood by the printer-cutter. This is accomplished by the software **<u>Summa ColorControl</u>** (RIP). Summa ColorControl then needs to send the commands to the printer-cutter using a communication port. Depending on the communication interfaces available, and/or the interface used to drive the printer-cutter, different <u>driver software</u> needs to be installed.

Transferring the job from the design software to the cutting software can be done by means of a **plug-in**.

Website www.summa.com



Driver software

USB Interface Connection

The USB port is located at the rear of the printer-cutter.



USB Driver Download

To be able to use the USB interface, a USB driver needs to be installed. This driver is available from the support page of the Summa website: https://www.summa.com/en/support/software-firmware/

Legacy Printer Cutters

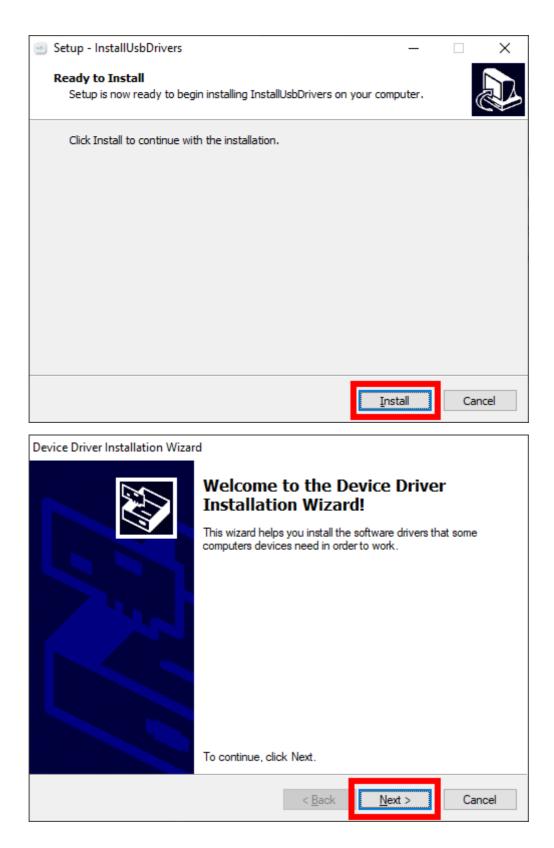
These products are discontinued and no longer available for purchase. Support on those products may still be provided but updates on software/firmware are limited or in some cases discontinued.

USB Drivers	Description	Version	Date
🕹 USB printer driver	USB driver for Summa DC3, DC3 Plus, DC4, DC4sx, DC5 and DC5sx.	10.0 & 7.0	12-01-2017
🕹 Legacy USB driver	Summa device driver for Windows XP, Vista	6.4	11-01-2016

USB Driver Install

Double click on the downloaded driver to start the install process. Follow the install wizard to complete the install.







Device Driver Installation Wizard	d		
	Completing the Device Driver Installation Wizard		
	The drivers were successfully in: device came with your software, computer. If your device came w first.		
	Driver Name Summa (SUMMACUTam Summa (SUMMADC3am		
	< <u>B</u> ack	Finish Cancel	

Connect the printer-cutter to the computer using the USB cable.

Switch the printer-cutter on.

Wait until the computer has completed the driver installation process.

USB Port Configuration of the Printer-Cutter

It is not necessary to load media in the printer-cutter to change the parameters.

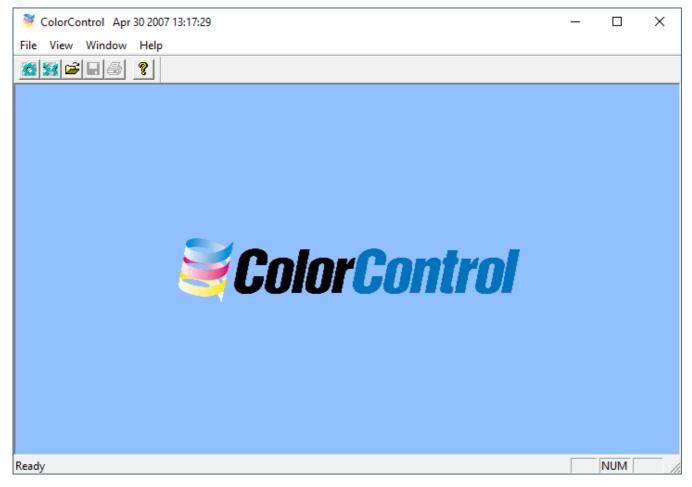
Use the below steps to configure the USB class of the printer-cutter:

- Power on the cutter.
- Click [MENU].
 "MAIN MENU: PRINTER MENU" appears on the display.
- Press A or V until *"MAIN MENU: SYSTEM MENU"* is displayed.
- Click [ENTER].
 "SYSTEM MENU: TAKE UP ROLL *DISABLE" will appear.
 Actual text may be different, depending whether the take up roll is enabled or disabled.
- Press A or V until "SYSTEM MENU: USB CLASS" is displayed.



- Click [APPLY] to confirm in case another USB port has been selected. The selected USB class is proceeded by a * to indicate the chosen selection.
- Click 2 times on Click 2 times on to return to the main menu.
- Restart the printer-cutter in case another USB port has been selected and applied.

Summa ColorControl



From Windows XP on, we work with a program called Summa ColorControl.

This program can import PostScript files (EPS or PDF) and then send data to the printercutter. Most design programs are able to generate files in one of those formats.

We do not work with a 'Windows based printer driver'.



The program *Summa ColorControl* can be downloaded from the Summa support website: <u>https://www.summa.com/en/support/software-firmware/</u>

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Software	Description	Version	Date
윤 WinPlot	Cutting program that imports EPS, AI and PDF files: positioning, rotating and scaling possibilities. Supports Vista/7/8/10/11 32-bit & 64-bit, and is compatible with all Summa brand cutters.	11.8.0.0	08-05-2019
A Summa ColorControl for DC5	ColorControl RIP for Summa DC5 printers for windows. Requires: ColorControl dongle (protection key).		08-02-2018
🛃 Summa ColorControl 7.0	RIP and cut software for Summa DC3, Summa DC3 Plus printers and DC4, includes cutting support and other unique features. Supports Windows Vista 7/8/10, and is compatible with Summa DC3, DC4 & DC4sx printers only. Requires: ColorControl dongle (protection key).	7.0	08-02-2018

This program works as a 'printer-cutter driver', and converts the design created and exported in EPS or PDF format in commands understood by the printer-cutter.

The manual with the detailed instruction how to use Summa ColorControl can be downloaded from the manuals section of the support page on the Summa website.

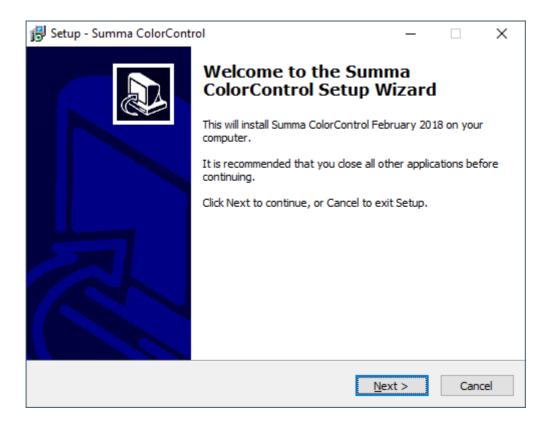
DC4	Version	Date
🕹 English	03	26-08-2008
DC4sx	Version	Date
DC4sx	Version 03	Date 26-08-2008



Installation

After downloading the Summa ColorControl installer software, double click the file "setupColorControl.exe" to start the installation process.

Click the [Next] and [Install] button until the installation process is finished.





When the option to "Select Additional Tasks" is displayed, make sure the option "Install driver for protection key" is activated.

ß	Setup - Summa ColorControl	—		\times
	Select Additional Tasks Which additional tasks should be performed?		Ģ	
	Select the additional tasks you would like Setup to perform whil ColorControl, then click Next. Additional icons: Create a desktop icon	e installing Su	mma	
	Create a Quick Launch icon			
	Protection key (HASP) driver:			
	< <u>B</u> ack	<u>N</u> ext >	Can	cel

Plug the protection key in a free USB socket or printer port, depending on the protection key type, on the computer. Wait until all necessary software for the protection key is installed.



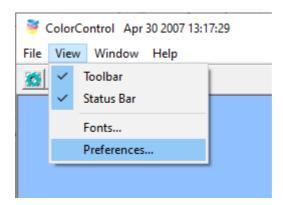
Configuration

To configure *Summa ColorControl* for use with a Summa DC-series printer-cutter do the following:

• Start Summa ColorControl.



• Click [View] – [Preferences].



• In the *Preferences* dialog, click in the "Category" pane on "Summa DC3/DC4/DC4sx".

Preferences			×
<u>C</u> ategory			
ColorControl	Summa DC3/DC4/	DC4sx	
Plugins	Destination printer	USB	•
Summa DC3/DC4/DC4sx	Printer <u>t</u> ype	Summa DC4	
	RIP output <u>d</u> irectory	х.	
	C:\Program Files (x	86)\SummaCC\Output	<u>B</u> rowse
	Custom <u>m</u> asks	Import spot ID's R	eset spot ID's
		OK	Cancel



To configure *Summa ColorControl* for use of the selected USB interface, select the option "USB" in the "Destination printer" dropdown box:

Preferences	×
Category	
ColorControl	Summa DC3/DC4/DC4sx
Plugins 	Destination grint USB Printer type Summa DC4
	RIP output <u>directory</u> :
	C:\Program Files (x86)\SummaCC\Output Browse
	Custom <u>m</u> asks <u>I</u> mport spot ID's <u>R</u> eset spot ID's
	OK Cancel



Chose the correct machine type, Summa DC3, Summa DC4 or Summa DC4sx:

Preferences	×
Category	
ColorControl ⁱ Processes Plugins	Summa DC3/DC4/DC4sx
Summa DC3/DC4/DC4sx	Destination printer USB Printer type Summa DC4
	RIP output directory:
	C:\Program Files (x86)\SummaCC\Dutput <u>B</u> rowse
	Custom <u>m</u> asks <u>I</u> mport spot ID's <u>R</u> eset spot ID's
	OK Cancel

Plug-ins

There exists also a *plug-in* for Corel 12->2020 and Illustrator CS1->CC->2020

The *plug-in* can be installed from the software tool Summa Printer Tools, which is available from the support page on the Summa website.

Summa Printer Tools for DC3/4	Software bundle including all printing-related tools including:	1.36.0.0	03-04-2020
	Summa Printer Control 1.11.0.0 Software interface for adjusting all Summa DC3/DC4 printing and cutting parameters. Supports Vista/Win 7/Win 8/10, and is compatible with Summa DC series printers only.		
	 Plug-in for CoreIDRAW 12 - 2020 and Adobe Illustrator CS - CC 2020 VBA export Plug-in for CoreIDRAW & Illustrator to use with ColorControl 7 & Winplot 6.6 or higher. ICC profile for DC series printers 		



These gets rid of the hassle to export a job from the designing software, and importing the job in Summa ColorControl.

Close the design software, then click on the [Install] button to have the plug-ins installed for the supported versions of CorelDRAW and/or Adobe Illustrator.

🎓 Summa Printer Tools 1.36.0.0					
Install WinPlot / SCC Plug-in Palette	Installation Repo	rt			
WinPlot / SCC Plug-in					
🔳 ≷	Details	Install			
Palette					
	Details	Install			
ICC Profiles					
2		Install			
Summa Printer Control					
**		Install			
Visual Basic for Applications is installed	Visual Basic for Applications is installed with your CorelDRAW!				
Information					
WinPlot is installed.					
Summa Color Control is installed.					
<u>F</u> ull Installation					



Keep in mind not all versions of CorelDRAW support plug-ins: only the Graphics Suite supports plug-ins:

CorelDRAW [®] Product Family	CorelDRAW ESSENTIALS 2020	CorelDRAW STANDARD 2020	
Comparison	For occasional graphics users and creative consumers	For graphics hobbyists and home businesses	For graphics professionals in small to large businesses
Main Applications			Most Popular
Corel DRAW* 2020	CorelDRAW Essentials 2020	CoreIDRAW Standard 2020	\checkmark
Corel PHOTO-PAINT™ 2020		Corel PHOTO-PAINT Standard 2020	\checkmark
Corel Font Manager™ 2020			\checkmark
CAPTURE™			\checkmark
CorelDRAW.app™			\checkmark
Corel AfterShot™ 3 HDR			\checkmark
Key Features & Tools (Highlights)			
Bitmap-to-vector tracing	(✓) Quick Trace (one-click tracing)	PowerTRACE**	PowerTRACE™ (Advanced with Al technolog)
Bevel tool, Shadow tool, Spiral, Smooth and Smear tool		~	\checkmark
Clone Tool, Artistic Media		\checkmark	\checkmark
Alignment guides, Guidelines docker		\checkmark	\checkmark
Symmetry drawing mode, Block Shadow tool, Impact tool, Pointillizer, PhotoCocktail			\checkmark
Object styles, Color styles, Color harmonies			\checkmark
Professional Print options (CMYK features, Composite, Color separations, Postscript, Prepress tabs, large print preview)			~
Advanced page layout: left & right master pages, custom placeholder text			\checkmark
Enhanced Color management, Color proofing option, spot color support on output			\checkmark
Collaboration tools**			\checkmark

Once the plug-in is installed, the design can be sent to Summa ColorControl from the toolbar (CorelDRAW) or from the File submenu (Adobe Illustrator):



CorelDRAW

Four options are available:

- Send the complete design to Summa ColorControl
- Send only the selected objects to Summa ColorControl
- Select the Summa ICC Profile



Adobe Illustrator

Three options are available:

- Send the complete design to Summa ColorControl
- Send only the selected objects to Summa ColorControl

Ai File Edit Object Ty	pe Select Effect View	Window Help
New New from Template Open Open Recent Files Browse in Bridge Share My Screen Device Central	Ctrl+N Shift+Ctrl+N Ctrl+O > Alt+Ctrl+O	pt. Oval v Style: v <u>Opacity</u> : 100 > iew) ×
Close Save Save As Save a Copy Save as Template Check In Save for Web & Devices Revert	Ctrl+W Ctrl+S Shift+Ctrl+S Alt+Ctrl+S Alt+Shift+Ctrl+S F12	
Place Save for Microsoft Office Export		
Summa	>	Add OPOS XY Regmarks
Scripts Document Setup Document Color Mode File Info	> Alt+Ctrl+P > Alt+Shift+Ctrl+I	Send To Winplot Send Selected To Winplot Publish To Winplot Al Send To Color Control
		Send Selected To Color Control

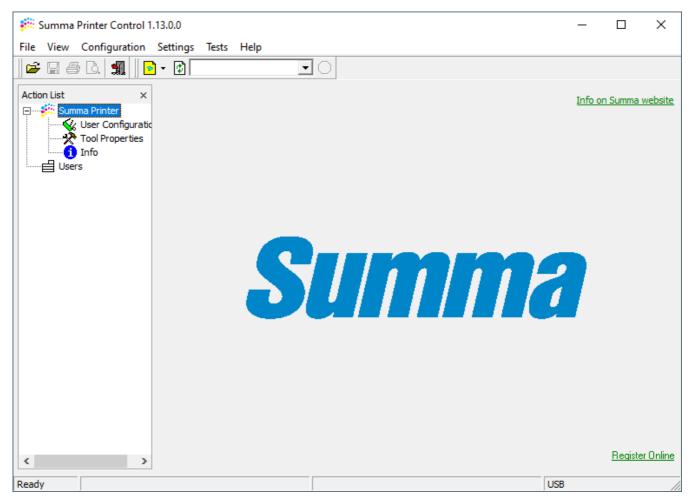


Summa Printer Control

The Summa Printer Control program basically has the same functions as the control panel.

The program Summa Printer Control can used to:

- Control all parameters of the printer-cutter
- Perform tests
- Send files to the printer-cutter
- Upgrade the firmware of the printer-cutter



Summa Printer Control can be installed from the software tool Summa Printer Tools for DC3/4, which is available from the support page on the Summa website.



Inst V F	Software bundle including all printing-related tools including:	1.36.0.0		03-04-20
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	umma Printer Tools 1.36.0.0		×	
	III WinPlot / SCC Plug-in Palette Installation Repo	t		
	/inPlot / SCC Plug-in			
	Details	Install		
	alette			
	Details	Install		
	C Profiles			
		Install		
	umma Printer Control			
		Install		
Vis	ual Basic for Applications is installed with your CorelDRA	w/i		
In	formation			
	WinPlot is installed. Summa Color Control is installed.			
	<u>F</u> ull Installation			

Revised January 5, 2023