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Colour in Motion

Integration of the color profile Ricoh SG 3110DN and SG 7100DN Corel Draw X5-X8

Although the screenshots in the following manual relate to the Ricoh SG 7100DN, the installation process for the Ricoh SG 3110 DN is virtually identical.

1. Check Colour settings

1.1 Open the default color management settings.



1.2 Select and if need be check your sublimation presets.

Color profi		Adobe RGB (1998)	Open: ✓ RGB:	Assign default color profile
MYK:	(Default)	ISO Coated v2 (ECI)	✓ CMYK:	Assign default color profile
Grayscale:	(Default)	Dot Gain 15%	 Graysca 	ale: Use embedded color profile
Primary co Rendering		RGB Perceptual	~	Warn on color profile mismatch
-				t and paste:
	ersion setti	Microsoft ICM CMM	RGB:	Convert to document color pr
Color engir			CMYK:	Assign document color profile
	e pure black ay to CMYK		Graysca	ale: Convert to document color pr
				Warn on color profile mismatch
ot color d	efinition:	RGB values	\sim	Warn on missing color profile
Descrip Choose		nanagement policy that is used	for grayscale colors	rs when you open documents.

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2. Changing driver properties

2.1 Open printing settings through "File" > "Print".

2.2 Choose the printer and open the driver preferences.

	Print								Х
-	General	Color	Composite	Layout	Prepress	🛷 No Issues			
l	Desti	nation							
2	Printer:		RICOH Afie	cioSG710	DDN RPCS-	R	~	Preferences	

2.3 Select and possibly check your previously saved sublimation preset. Afterwards you'll be ready to print. If you are unsure or If you simply want to check your settings, check if the marked changes have been made.

RICOH AficioSG7100DN RPCS-F	Properties					\times
One Click Presets Detailed Settings	Maintenance	Configuration/About	ut			
Current Setting	One Clic	k Preset List:			Manage Preset List	
Current Setting						^
		1→2,				
	2	on 1 (2 sided)	Black and Whit	te (2 sided)	Subli	
Unregistered		Tasse	Tassenp	apier	Unregistered	~
A	Se	lect Print Quality:	~	🕜 🗹 Uni-	directional print only	
	Do	ocument Size:		Input T	ray:	
8	A	4 (210 x 297 mm)	~	1 Auto Ti	ray Select	~
Settings Summary		ientation:		Paper T		_
Setungs Summary		Portrait	~		Plain Paper	\sim
Register Current Settings		olor/Black and White Color	:	Econom	y Color:	~
				OK	Cancel	Help

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2.4 In the tab "Detailed Settings" through "Print Quality" check if all changes have been made.

<		
Print Quality	Ren	store Defaults
Select Print Quality:	Print Priority:	~
📝 User Setting 🗸 🗸	Quality	~
	Adjust Height of Priv	nt-head:
Uni-directional print only	Standard	~
Dithering:		
Use error diffusion: auto (image)	~	
Color Profile:		
Off	~	
Color Profile Method:		
🕕 By Host System	\sim	
ICM Intent:		
🕕 Pictures (Perceptual)	\sim	
Gray Reproduction:		
K(Black) for Text	~	~
	Uni-directional print only Dithering: Use error diffusion: auto (image) Color Profile: Off Color Profile Method: I By Host System ICM Intent: Pictures (Perceptual) Gray Reproduction:	User Setting Quality Adjust Height of Prin Adjust Height of Prin Standard Dithering: Use error diffusion: auto (image) Color Profile: Off Color Profile Method: By Host System ICM Intent: Pictures (Perceptual) Gray Reproduction:

	Me	nu:				
Current Setting			• 8			
		Edit	Finishing	Print Quality	Effects	Driver Options
	<					>
	4	Print Quality			Resto	re Defaults
		By Host Sys		\sim		^
		ICM Intent:				
		🗊 Pictures (Pe	rceptual)	\sim		
		Gray Reprod	uction:			
Sublimation A4		K(Black) for	Text	\sim		
		Economy Col	or:	\sim		
		Resolution:	ality)	Vector/R	aster:	~
		Print All T	ext as Black	🕜 🗌 Adjus	t Photograph:	5
Settings Summary		Smooth L	ow Resolution Im	ages		
		Change D	ata Processing			
Register Current Settings		Color Balance	2:			v
				OK	Cance	el Help

2.5 If all changes have been made, verify and go back to your printing settings by pressing "OK".

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3. Color Settings in the Printing menu

3.1 In the tab "Color", check if the settings are correct and if the ICC profile has been selected.

nt					
General Color Composite Layout Prepr	ess 🤔 2 Issues				
	Print composite				
	O Print separations				
	Use document color settings	-			
	○ Use color proof settings				
Color conversions performed by:	CorelDRAW ~				
Output colors as:	RGB ~				
	Convert spot colors to RGB				
Correct colors using color profile:	Sublisplash_SG7100DN_11.04.17.icm				
	Preserve RGB numbers				
	Preserve pure black				
Rendering intent:	Perceptual ~				
The color settings and preview available printer that you selected on the General	in this dialog box are set for the Windows Graphic device tab.	-			
Print Preview	OK Cancel Apply Help				

4. Mirroring the Image

Mirroring Images can't be set up within the driver,

- therefor you'll need to do it through your graphics program.
- 4.1 To mirror the picture when printing, In the menu "Print" check the box "Mirror" in the Tab "Prepress".

General Color Composite Layout Prepress							Х
General	Color	Composite	Layout	Prepress	⚠	1 Issue	
□ Ir	r/film set ivert lirror	tings 3]			Registration marks Print registration marks Style:	

5. You are now ready to print.

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