Serendipity Blackmagic V9.1 **RGB**+SPOTS

DIGITAL DEMO SOFTWARE INSTALLATIONS AND SETUP



- 1. Download Blackmagic V9.1
- 2. Go to https://www.serendipity-software.com.au/support/download/blackmagic
- 3. Select the platform operating System (Windows Mac OS Linux) Note: the OS level required for Mac OS

https://www.serendipity-software.com.au/products/system-requirements



Serendipity Software - System Requirements - Version Compatibility

Ensure compatibility between your system and Serendipity Software's colour management solutions. Check our version compatibility guide now.

S https://www.serendipity-software.com.au

- 4. Install the software.
- 5. Once complete start the Server.

ᄛ Serendipity Blackmagic



Serendipity Blackmagic Pro version 9.1 (Build 38569) Intel 64 bit Copyright Serendipity Software Pty Ltd 1994 - 2024 All rights reserved Built: September 03 2024 10:44:00

During the start up the Server will pause and download drivers. The server will then continue and complete in about 2mins

Important: Check for Software Update

Go to the Server – Help drop down menu and select: Check for Updates. Install the updates.



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				No	Yes
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Restart the Server and Client

6. Activate the digital demo license by going to the Blackmagic Server splash screen and selecting File – Activate Subscription

File	Startup Options	пер						
Start server								
Resta	rt server							
Activate Subscription								
<u></u>		0.0147						
Close	2	жW						

Cut and paste the first line of the Digital Demo license into the Email field Cut and paste the second line of the Digital Demo license into the password field

Serendipity Blackma	gic
outpoint rogin	
Email:	
Password:	
Cancel	Log In

The server will start shortly after.



Copyright Serendipity Blackmagic Proversion 9.1 (Build 38569) Intel 64 bit Copyright Serendipity Software Pty Ltd 1994 - 2024 All rights reserved Built: September 03 2024 10:44:00

Start the Serendipity Client



If prompted install a Monitor icc profile: Go to Blackmagic/lib/icc/monitors select sRGB

7. Download the Test Prints – Quickcal Image (20.31MB)

Go to Server Splash screen drop down menu "Install Additional Software" Check the box names: Quickcal followed by install



8. Download the RGB+Spots test files and .sdb database from the supplied Drop Box link

9. Double click on the .sdb file, this will open up the archives application.

•••			
Na	me		Туре
>	•	1. sRGB Standard	Camera
>	•	2. Adobe1998	Camera
>	•	3. PrintRGB	Camera
>		BMG RGB+Spots 200dpi (Remote)	Pagesetup
>		BMG RGB+Spots 450dpi	Pagesetup
>		1. GRACoL2006_Coated1vV2	Press
>		2. GRACoL2013_CRPC6	Press
>		3. Fogra-ISOCoated_v2_bas	Press
>		4. eciCMYK_v2v2	Press
>		5. JapanColor2011Coated	Press
>		6. US Standard SWOP	Press
>		7. Fogra55 (ECG)	Press
>		7. PrintWide2020 - Idealianxce	Press
>		9. SS_CMYK+OGV Hybrid PRESS	Press
		Polling RGB+Spots Remote	RIP
	\star	Unknown Special Colours	Special Colour Set

10. Select EDIT – Add To Database – Whole Archive from the drop down menu



Note 1: A pop up message will appear indicating a duplicate file. Select "Always Use Existing"

eee Externing								
🛑 🔵 🛑 Item	Already Exists In Databas	е						
A ICC Profile Data called "printers/Standard SWOP" already exists. Please select an appropriate option below.								
New Name printers/	Standard SWOP							
Overwrite	Use Existing	Rename						

11. Server Settings:

Server	Window	Help
Server Se		
Process Tab:	Imaging 2 -	Rendering 2

Colour Tab: System Specials: Select Solid Coated with (ECG)

Unknown Specials: Select Unknown Special Colours

		Process	Colour	Asset	Options	Paths	Debug
		Default ICC	Profiles				
Server Settings			nput RGB Profile	. monitor	s/PrintRGB.icc		
Process Colour Asset Optic	is Paths Debug	- In	put CMYK Profile	match/l	SOcoated_v2_ec	iF39.icc	
Tasks: Image 2	C Render 4	+ 0	utput RGB Profile	monitor	s/PrintRGB.icc		
Compression: Better	©	🔶 Ou	Itput CMYK Profile	match/l	SOcoated_v2_ec	iF39.icc	
Multi-resolution Generation: Fast Maximum Print Preview Resolution: 196 Low Qualit	 DPI Thumbnail (Faster) 	Special Co	ICC	Engine Accurac	y: Better 🔇	ering	
Jobticket			unteres Consideration				
Default Jobticket None Immutable Jobtickets		★ S	ystem Specials Iknown Specials	Unknown	Special Colours		

12. Configuring QueueManager Queues

Select Tabs - Add Tabs - Job Queues (Factory) Repeat again Select Tabs – Add Tabs – Rip Monitor (Factory) Select Add tabs: Rename Tab

Tabs	View					RIP Monitor (factory) Book Monitor (factory) Queue Status (factory) Status and Drop (factory)
Add Tabs		Tabs	View	Modules	Serve	Logs (factory) Server Log (factory) Jobs (factory)
Rename	e Tab	Add Ta	bs			Jobs and Drop (factory) Assets (factory) Drop Area (factory)

Name the Tabs the following:

New Name	New Name		
RGB+Spots 450dpi	RGB+Spots (Remot	e)	
Cancel OK	Cancel	ОК	

Open the Spanner / Wrench Icon

Check off the box called: Auto Queue Order

RIP N	RIP Monitor RGB+Spots 450dpi					B+Spots (B Final Seps		
QueueMa	nager								
	Queue Orc	ler	Cancel	Dele	ete	Hold	Release	Ne	st Now
	Pause Proc	cessing	Show	Idle Q	ueues 🕻	🖌 Group b	y Queue	Auto Que	ue Order

Select QueueManger: move Items using the arrow to the "Showing" column

Image Asst Render Spoal Autodetect BMG RGB+Spots 450dpl BMG RGB+spots 450dpl	> <	Image Render Spool Autodetect BMG RGB+Spots 450dpi	~	Image Asset Fender Spool Autodetect BMG RGB+Spots 450dpi BMG RGB+Spots 450dpi BMG RGB+Spots 450dpi	>	Image Render Spool Autodetect BMG RGB+Spots 450dpl Remote	~~
7 items		1 of 5 items		7 items		1 of 5 items	

How to show thumbnail Images completed jobs in Queues Place your mouse in the header Field next to name and select "Configure Headers"

RIP	Monitor	RGB+Sp	ots 450dpi	RGE	3+Spots (Re	emote)
QueueN	lanager					
۲.	Queue Orc	ler Ca	ancel Del	ete	Hold	Release
	Pause Pro	cessing	🗹 Show Idle Q	ueues 🗸	Group by	Queue 🗌 /
Thum	nbnail Nar	ne	nfigure Headers]	

Using the side arrows, move the Thumbnail to the "Showing Column on the right, then use the up arrows and move the Thumbnail to the top

Conf	figure List Headers	Showing	
All Items	Showing	Thumbnail	
Name	Name	Name	
Process Time	Date	Indinio	
Status	Process Time	Date	
Source Date	Status Width	Process Time	
Sute	Height		
Pagesetup	Size	Status	
6 Queue	🔪 6 Queue	Width	
Size		Widen	
Width		Height	
Height		0.	
DPI		Size	
Output Colourspace		(Oursus	
Copies		le Queue	
Screening			
Thumbnail			
labiD			

13. Submitting Test PDF files

For Mac - Right click on the supplied PDF test files

	• 07.2 IVID DISK IITiage 9
Services	> Add To Zip File
1 of /9/	^{21 selec} Email as Zip File
	Preview (Serendipity Client)
	Send files with TeamViewer
	Set Desktop Picture
	Submit (Serendipity Client)

_		
	Open	
	Edit	
	Preview (Serendipity Client)	
	Submit (Serendipity Client)	
	Submit Asset (Serendipity Client)	
۵.	PDF24	
	Add to Favourites	
	Convert to Adobe PDF	
	Create and Share Adobe PDF	
•	Scan with Microsoft Defender	
	Open with	、 、
-		_
	PDFsam Enhanced 7	>
5	Snagit	>
×	TortoiseGit	>
	Copy as path	
È	Share	
	Restore previous versions	
	Send to	>
	Cut	
	Сору	
	Create shortcut	
	Delete	
	Rename	
	Properties	

For Windows 11. Right Click, go to show more options - Select Submit (Serendipity Client)

Select the Pagesetup followed by Submit

🔶 Pagesetup	6 Media	Jobticket			🔶 Pagesetup	A Pool
🔶 Pagesetup						
😑 BMG RO	GB+Spots 45	0dpi				
😑 BMG RO	GB+Spots 45	0dpi (Remote)				
1 of 2 items						
Flow Control:	Hold afte	er imaging Ho	ld after rendering	Nest Duplex	Rotate 90	
Copies:	1	🗎 Pages 🔾	All 🗌 Range F	irst 1 🗘 Last	1	
	11				Cancel	Submit
	년년				Caricel	Submit

Other methods of submitting include:

- Creating hot folders
- Creating Drop Zones using Tabs Drop Area (factory) right click Add DropSpot
- Using the Submit File facility under the Submit drop down menu showing RGB elements and all special colour channels.

14. Display the processed Job

Select the file followed by "View Original or Right Click and select "View Imaged"

A Que	e Order Cancel Delete Hold e Processing V Show Idle Queues V Group by C	Release Nest Now Rush Ja Queue Auto Queue Order	obs Retry Reprint V	flew
Thumbnail	Name	 Date 	Process Time Status	\$
	🗣 Image (No Jobs)			
	Render (No Jobs)			
	چ Spool (No Jobs)			QueueManager
	Autodetect (No Jobs)			
	GB+SPOTS Softproof (CMYK Inks) (No Jobs)			Queue Order
	RGB+Spots sRGB Textile	21/9/2024	3:59:49 PM 00:00:00 Done	View Original

Softproof Window



Select the **RGB** lcon on the left hand side of the softproof to display the channels Softproof tools area located on the right side of the softproof display





Loupe: select L on the keyboard



Use Proof Colours to Simulate Print using ICC Input Profiles Display the job using View Printed

1

Select View – Proof Colours. Asecond press box will appear in the lower right hand corner of the SoftProof window



Select different **RGB** Input profiles using the Camera selection in the bottom right hand corner of the Softproof window

Camera	
 Camera 1. sRGB Standard 2. Adobe1998 	Item Info Type
 3. PrintRGB Auto SoftProof Camera 	Name
۹ [Created
Edit	Modified
New Copy	User Group
Cance	ОК
• At	uto SoftProof Camer

On Load auto Fit Height or Fit Width

Right Click in the softproof and select Softproof Settings Set On Load to either Fit Width – Fit Width

SoftPro	oof Settings
Vieons Image Def	fess Defera Toucsole
Window	
	Allow Multiple Windows
Status Bar Size	a: Small 😌
	Rulers Screllbare
	Mouse Position Hint
Image Centring	g: 🗹 Horizontal 🛛 Vertical
Max Preview Resolution	n: 0 🗘 DPI
On Load	
	 Honour Embedded ICC Profiles Honour Embedded Press
Rotation	n: None 📀
Zoom Level	I: Fit Height
	Show Back Page
	🗹 Show Spreads
Publications	
	Enable Pager Thumbnail
	Enable Pager Sections
	Cancel

Simulate Press Print Conditions – Select View – Using the (Printed or Rendered) Proof Colours

	Vie	w	Tools	Modules	Server	Wind
	Tab)S				>
	1	Get	Info		H	B I
	B	Sho	w Page	Boundary		Р
~	=	Sho	w Notes	;	3	8 N
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	0	Go t	o Page		3	ßG
	9	Relo	ad Page	e Index	습 #	ß R
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Default Camera Display Settings

iew Options	Image	Default Press	Default Camera	Touch Conso
🔵 Camera	3. Print	RGB		
ICC Profile		monitors/PrintRGB.icc		
Rendering Inte	nt	Relative Colourimetric		
Black Point Co	mpensation	Off		
Calcheck Char	t	None		

15. Previewing Photoshop PSD and TIFF files

Mac OS: Right Click select Services – Preview (Serendipity Client)

Services > Preview (Serendipity Client)

Windows: For Windows 11. Right Click, go to show more options - Select Preview (Serendipity Client)

These will be displayed as RGB+Spots. Note: PDF files will always display as CMYK in the preview



16. Configure Remote Output and Rip Polling

Create a Destination folder on the computer: Folder Name: RGB+Spots Remote Out

Go to Applications – Workbench – Output and navigate to the folder (file save)

Connection Settings

Choose	a/Users/robertmurphy/Desktop/RGB+Spots Remote Out
Test	

Go to the Workbench RIP - Polling - Path then double click and use Browse to navigate to the folder. Select Testing – Test – File Save

RIP Driver	Polling				
Polling	i onnig				
Connection		🗹 Enable	Polling		
AutoProofing	A Language Encoding:	Default			\bigcirc
Testing	Poll Interval:	0 h	≙ : 1 m	↑ : 0 s	<u>^</u>
		Fast Pol	lling tistics Mod Time		
	Job Genie				
	★ JobGenie No	one			
	Paths				
	Paths				
	/System/Volumes/Data/U	Jsers/robert	murphy/Desktop	/RGB+Spots Remo	te Out

Go to the Rip Monitor – Open the spanner- check the box Show Rip List & Toggle Polling

X.	Expand Jobs	Collapse Jobs	Submit	Submit for Deimposition	Submit as Im
	VPress	Group by Job Poll	🔽 Togale R	IP Polling 🔽 Show RIP Menu 🔽	Show RIP List

Submit the file to the BMG RGB+Spots 200dpi Remote

🔶 Pagesetup	🌜 Media	💎 Jobticket			🖕 Pagesetup	🔺 Pool
🔶 Pagesetup						
🔶 BMG RG	🖕 BMG RGB+Spots 200dpi (Remote)					
😑 BMG RG	🖕 BMG RGB+Spots 450dpi					
1 of 2 items						
- Flow Control	Hold offe	r imaging 🗌 🛛	old ofter rendering		Pototo 00	
Flow Control:	Hold alte		olu alter rendering		Rotate 90	
Copies:	1	Pages 🤇	All 🗌 Range	First 1 C Last	1	
6 8 8	Eh				Cancel	Submit

Go to the Rip Monitor- press poll 3 times quickly then wait as few seconds. The file will then list.

RIPMonitor			
Expand Jobs Collapse Jobs Submit.	Submit for Deimposition Submit for Deimposition		
RIP: Polling RGB+Spots Remote			
RIPs	Name		
Polling RGB+Spots Remote	1. RGB+Spots Ladies Dress_2030528		

Go to the folder, then double click on the .bmg file or go to the Job Info – Print Data section and click on the link. The file will then automatically open in the softproof showing RGB elements and all special colour channels.

✓ ■ RGB+Spots Remote Out 👌 1. RGB+Spots Ladies Dress_2030528.bmg

Check Job Info

Double click file in the QueueManager then go the Imaged Data section Use this feature to check if RGB elements and special colour channels are correctly processed

Click on the Filename link as a short cut to display the job in the softproof (available for jobs processed as blackmagic image (.bmg), jpeg...etc.

Imaged Data						
Page Dimensions		21.00cm x 29.70cm				
Resolution		450.00 by 450.00 dpi				
Width Scaling 100.00%						
Height Scaling 100.00%						
Bits per Pixel 16 16 16 16 16 16 16 16 16 16 16 16 16			6 16 16 16			
Filename		/Applications/Serendipity V9.1	RGB+Spots/Serendipity Blackmagic/raster/edited-RGB+Spots sRGB Textile_16564766.bmg (53.65MB)			
Page Colours						
Red		Lab: 56.00 75.00 71.00				
Green		Lab: 86.00 -75.00 78.00				
Blue		Lab: 35.00 50.00 -103.00				
PANTONE 354 C	Lab (Mu	iti)				
PANTONE 354	C - Paper	Lab: 100.00 0.00 0.00 (Tint 0%)				
PANTONE 354	C - 20%	Lab: 91.68 -16.43 8.45 (Tint 20%)				
PANTONE 354	C - 40%	Lab: 83.36 -32.87 16.90 (Tint 40%)				
PANTONE 354	C - 60%	Lab: 75.05 -49.30 25.34 (Tint 60%)				
PANTONE 354 C - 80% Lab:		Lab: 66.73 -65.74 33.79 (Tint 80%)				
PANTONE 354	C - Solid	Lab: 58.41 -82.17 42.24				
PANTONE Purple C		Lab: 45.87 67.51 -47.79				
PANTONE 109 C		Lab: 86.05 4.98 100.43				
PANTONE 139 C		Lab: 53.96 23.22 67.56				
PANTONE 306 C	{	Lab: 68.49 -36.88 -32.74				
PANTONE 1788 C Lab: 52.71 73.		Lab: 52.71 73.96 47.34				
PANTONE Orange 021 C		Lab: 62.73 62.77 94.92				
PANTONE 225 C		Lab: 52.70 75.89 -16.56				
PANTONE Blue 072 C		Lab: 19.39 40.40 -79.07				
PANTONE 7488 C		Lab: 75.37 -52.38 59.31				
PANTONE 2726 C		Lab: 39.85 23.25 -63.16				
Print Data						
Page Dimensions	s 21.00cm x 29.70cm					
Resolution	450.00 by 450.00 dpi					
Rendering Intent	Relative Colourimetric					
Filename	/Applicat	ions/Serendipity V9.1 RGB+Spots/Ser	endipity Blackmagic/raster/edited-RGB+Spots.sRGB Textile_16564771.bmg (36.19MB)			
Page Colours						
Red Lab: 56.0	0 75.00 7	1.00				
Green Lab: 86.0	0 -75.00	78.00				
Blue Lab: 35.0	0 50.00 -	103.00				

Lab (Multi) Tints of Spots

To active Lab (multi for tints and spots.

Go to the Applications – Workbench Special Colour Set, select eg: Pantone 354 C In the colourspace drop down menu, select Lab Multi

Modified		Colour	^ Name		Values
			, and		values
			PANTONE	E 354 C	58.41 -82.17 42.24
(Multi)	0				
olour					
	(Multi) plour	(Multi) Slour	(Multi)	(Multi)	(Multi) Slour

Select Add followed by entering the % of the tint eg; 60% followed by OK and File Save

Colour	Tint	Values		
	0%	100.00 0.00 0.00		
	20%	91.68 -16.43 8.45		
	40%	83.36 -32.87 16.90	Double-click the swatch above to Add a Colour from Lil	
	60%	75.05 -49.30 25.34		
	80%	66.73 -65.74 33.79		
	100%	58.41 -82.17 42.24		L
			0	
				av
				b 25.34 🗘
Add	Delete			



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