Calibrating LaCie 324 Monitors for Inkjet Output

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These instructions are for profiling a LaCie 324 Monitor with an i1Display Pro (available at the A+D Checkout Window) and the i1 Profiler software.

1 Connect the i1Display Pro to the USB port on the computer.

2 Reset the monitor setting to the factory defaults, by pressing the Menu button and then using the "down arrow" button to navigate to the "Others" settings. Use the "INPUT" button to select "Others" and then the "down arrow" to navigate to "Factory Reset", and then the "INPUT" button to select and execute the reset.

3 Launch i1 Profiler from the Applications Menu.

4 For User Mode, select the "Advanced" radio button.

5 In the Workflow Selector menu, choose the Display Profiling option.

6 All available monitors for calibrating will be displayed as buttons under the option to "select your display and technology type". The LaCie will be displayed as "SMS27A850". Select the "SMS27A850".

Select "Wide Gamut CCFL" as the technology type below the "SMS27A850" button.







Fig 1 - Factory Reset



Fig 2 - Advanced User Mode



Fig 3 - Select Display Profiling

7 For White Point, select "CIE Illuminant D65" from the dropdown menu.

8 For Luminance, select "250 cd/m2" from the dropdown menu.

9 For Contrast Ratio, select "Native" from the dropdown menu.

10 Flare Correct and Ambient Light Smart Control options should remain un-checked.



Click the "Next" navigation arrow.

n Default Profile Settings						
▼ Profille Settings	✔ Use defaults					
Chromatic Adaptation:	Bradford (default)					
ICC Profile Version:	Version 4 (default)					
Tone Response Curve:	Standard (default)					
Gamma:	──────────────────────────────────────					
Profile Type:	Matrix based (default)					

Fig 9 - Profile Settings

12 For the "Default Patches", choose a patch size set. The larger the set, the more accurate the profile, however, larger patch sets will take longer to calibrate.





Fig 11 - Display Hardware Setup

White Point	CIE Illuminant D50 CIE Illuminant D55					
Luminance	CIE Illuminant D65 CIE Illuminant D75 Native					
	Daylight Temperature xy Measure					

Fig 6 - White Point

Luminance Use tilminance incrn while a	80 cd/m ² 100 cd/m ² 120 cd/m ² 160 cd/m ² (ISO 3664 condition P2)					
2.1.022	Native					
Contrast Hatio	Custom					

Fig 7 - Luminance

Contrast Ratio	Native	22
	Custom	
Flare Correct™	From Printer Profile	

Fig 8 - Contrast Ratio

11 For the Profile Settings, check the "Use defaults" check box

Click the "Next" navigation arrow.



13 For Display Hardware Setup, check the checkbox by "Automatic Display Control (ADC)"

14 Click "Start Measurement"

	Star	t Meas	ureme	ent			

Fig 12 - Start Measurement

15 Follow the on-screen instructions for positioning the i1 Display.



Fig 13 - Position Device

▼ Profile Name						
	File name:	WGCCFL-65-220-Native-MMDDYY.icc				
Fig 14 - Profile Na	me					
Create an	nd save p	profile C				

Fig 15 - Create and save profile

16 Name your profile. It is recommended that you name the profile with setting that you wish to remember and the date that you calibrated.

Click "Create and save profile"