

# Calibration Routines for KODAK PROFESSIONAL PORTRA ENDURA Paper



## GENERAL INFORMATION

KODAK PROFESSIONAL PORTRA ENDURA Paper is optimized for both digital and optical printers. Significant testing has been done across a broad range of Kodak Professional and OM digital printers to validate satisfactory digital performance of KODAK PROFESSIONAL PORTRA ENDURA Paper.

### **Kodak's Printer Calibrations for KODAK PROFESSIONAL PORTRA ENDURA Paper**

To achieve optimal quality prints on KODAK PROFESSIONAL PORTRA ENDURA Paper with Kodak digital output devices such as the KODAK PROFESSIONAL Digital Multiprinter or the KODAK PROFESSIONAL RP 50 LED Printer, you must install new calibration files.

The latest calibration files for Windows NT and 2000 (V4.3) and Macintosh (V4.3) operating systems are available at [www.kodak.com/go/servicesupport](http://www.kodak.com/go/servicesupport). If your

printer does not have the newest calibration files, download and install them at this time. These files currently support: LED and laser printers, including:

- KODAK PROFESSIONAL RR 30 Laser Printer
- KODAK PROFESSIONAL RP 30 and SRP 30 Laser Printers
- KODAK PROFESSIONAL RP 50 LED Printer
- KODAK PROFESSIONAL LED II Printers 20R and 20P
- KODAK PROFESSIONAL LED Digital Color Printers 20R and 20P

CRT printers, including:

- KODAK PROFESSIONAL Digital Multiprinters (KPDM & KPDM II)
- KODAK DIGITAL SCIENCE LF CRT Color Printer
- KODAK 4" CRT Color Printer

### **Other Equipment Manufacturer's Printer Calibration for KODAK PROFESSIONAL PORTRA ENDURA Paper**

The starting-point recommendations listed in the following table have yielded good image quality in prints on KODAK PROFESSIONAL PORTRA ENDURA Paper produced by other equipment manufacturers' digital output devices.

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Printer	Calibration
<b>Oce LightJet 430 and 5000</b>	<ol style="list-style-type: none"> <li>1. Go to the Oce FTP Site at <a href="http://www.oce-dgs.com/PrinterSupport/LJ_Customer_Access">www.oce-dgs.com/PrinterSupport/LJ_Customer_Access</a>.</li> <li>2. Read the "Lightjet Media Read Me" document for information regarding downloading printer aims.</li> <li>3. Select the link to the Media Targets for your Lightjet printer.</li> <li>4. Download the appropriate aim files, as directed in the read-me file.</li> </ol>
<b>Durst Lambda 130 and 76+</b>	Starting D-max: 2.20R, 2.25G, 2.15B (It is possible to obtain higher D-max in images that do not include text.) Basic Calibration settings: Y=109.05, M=84.50, C=0.00, D=85.85
<b>Durst Epsilon 30</b>	For best results, select HIQ or SIQ mode. Starting D-max: 2.20R, 2.15G, 2.10B Basic Calibration settings: D=0.672, C=0.000, M=0.268, Y=0.341
<b>Durst Theta 76</b>	Starting D-max: 2.08R, 2.05G, 2.05B Basic Calibration settings: D=0.892, C=0.0, M=0.341, Y=0.587
<b>Durst Theta 50/51</b>	Starting D-max: 2.20R, 2.15G, 2.10B Basic Calibration settings: D=83.62, C=0.0, M=122.56, Y=181.30
<b>Durst Zeta</b>	Please contact Bill Conger at Durst Dice America, telephone (585-) 486-0340, extension 5291.
<b>Fuji Frontier</b>	We recommend that you use KODAK PROFESSIONAL PORTRA ENDURA Paper to calibrate the printer channel that you plan to use. If you don't have a recommended channel that you normally use, please start testing with Channel I. <ol style="list-style-type: none"> <li>1. Load PORTRA ENDURA Paper into the paper magazine that you will use to print.</li> <li>2. From the <b>Setup and Maintenance</b> menu, select <b>Print Condition Setup and Check</b>. Then select <b>Paper Condition Setup</b> to perform a standard calibration.</li> </ol>
<b>Noritsu QSS-2711 and Noritsu MP1600</b>	Setting up a Channel for KODAK PROFESSIONAL PORTRA ENDURA Paper <ol style="list-style-type: none"> <li>1. Set up a paper channel with PORTRA ENDURA Paper, using the normal Setup procedure. This setup includes MLVA Setup, Uniformity, and Gamma tests.</li> <li>2. If any color changes are needed, enter them using the Magazine Balance function on the NORITSU MP1600 printer.</li> </ol>
<b>Noritsu QSS 31XX, 32XX, 33XX, 34XX, and R2R printers</b>	Contact Noritsu for the software to create a channel for KODAK PROFESSIONAL PORTRA ENDURA Paper.
<b>Polielettronica LASERLAB</b>	<ol style="list-style-type: none"> <li>1. Set these starting Laser Maximum Density values: Y=198, M=156, C=124.</li> <li>2. Starting Color Compensation Values Y=0.98, M=0.91, C=1.00.</li> <li>3. Proceed with the manufacturer's standard paper calibration procedure.</li> </ol>
<b>Gretag Netprinter</b>	Basic Data required for calibration are available from Gretag Imaging.
<b>Sienna Mileca HSP</b>	Basic Data required for calibration are available from Sienna Imaging.
<b>ZBE Chromira 30</b>	Select <b>Kodak</b> on the <b>Emulsion</b> menu, and enter: D-max Aim: 2.25R, 2.20G, 2.10B Starting Calibration Values: (C) 0, (M) 6, (Y) -88, (D) -1 Then follow the standard paper calibration procedure.



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