

Epson 4880 Printer Guide

AMS Self-Service Workstations Guide

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The Advanced Media Studio provides three Epson 4880 series wide-format archival printers as part of the Self-Service Workstations. The Epson 4880 is a professional photo-grade printer intended for photographic and fine art purposes only. No volume printing is allowed. Papers used for printing must be chosen from the AMS approved list referenced in the “Supported Papers” section following below. The AMS staff reserves the right to verify client paper and terminate any print job using an unsupported paper.

The Epson 4880 printers are available during the AMS hours only and require a log-in by AMS staff for access. Please keep in mind all Self-Service Workstations must be reserved in the AMS Reservation Book available at the Multimedia Center Front counter.

The Epson 4880 series printers use the same Ultrachrome K3™ ink system and print technology as used in the AMS Wide-Format Archival Print Service. The 4880 series however, is limited to 17” paper width. The two 4880's located at stations A and B are the designated Photo Black or PK printers and are only compatible with photo-type papers that support Photo Black ink (luster, glossy, semi-gloss, semi-matte and others). The 4880 located at station C is the designated Matte Black or MK printer and is only compatible with matte-type papers supporting Matte Black ink (Ultra-Smooth Fine Art, Enhanced Matte, Hahnemule, and other fine art paper stocks). Please remember each printer has an assigned black ink type and is restricted to the corresponding papers for that specific ink type. Make sure when reserving a computer that you select the correct computer station for the paper type you will be using to print. All three Epson 4880 series printers are driven by the ColorBurst RIP Proof-X package, a high-end printing RIP that ensures the highest quality prints and color that match the Studio's calibrated monitors.

Paper

It is the client's responsibility to provide paper for printing, chosen from the “Supported Papers” list following below. Paper sheet size must be at least 8” x 10” and no larger than 17” x 22”. Rolls are also allowed up to 17” in width. If you have any questions concerning a specific paper you are interested in using or if you need assistance in finding a paper supplier see the AMS Staff.

Supported Papers

Matte Papers:

Epson Enhanced Matte • Epson Heavyweight Matte • Epson Textured Fine Art • Epson UltraSmooth Fine Art • Epson Velvet Fine Art • Hahnemuhle A Duerer • Hahnemuhle Bamboo • Hahnemuhle PhotoRag • Hahnemuhle PhotoRag Duo • Hahnemuhle PhotoRag Satin • Hahnemuhle Torchon • Hahnemuhle White Velvet • Hahnemuhle William Turner • Moab Anasazi Canvas Premium Matte • Moab Entrada Bright White • Moab Kayenta Photo Matte • Moab Somerset Photo Satin

Photo Papers:

Crane Museo Silver Rag • Epson Exhibition Fiber • Epson Premium Glossy • Epson Premium Luster • Epson Premium Semigloss • Epson Premium Semimatte • Epson Standard Proofing Paper • Hahnemuhle FineArt Baryta • Hahnemuhle Photo Rag Pearl • Innova FibaPrint Warm Tone Gloss • Piezo Pro Matte Canvas • PremierArt Water Resistant Canvas

Loading Paper

Most sheet paper should be loaded using the bottom tray. Lift the cover to the tray and place the paper towards the back right-hand corner with the print surface of the paper facing

down. Secure the paper in place by sliding the paper positioning guide in from the left.

Thicker sheet paper, including most fine art paper stocks, must be loaded through the front or rear paper feed. To load through the rear paper feed just slide the sheet in the slot at the back of the printer on the right-hand side with the print surface facing up. Make sure the paper is as straight as possible then wait for the printer to automatically grab the paper and position it under the print head.

Roll paper is loaded on the roll paper spindle underneath the cover at the back of the printer. Remove the spindle and then separate the black end cap. Load the paper as per the instructions on the spindle. Place the spindle back in the printer, matching the end cap colors to their supports, and lift up the paper release lever located at the right rear corner of the printer. Push the paper through the printer and out the front until it is aligned with the roll paper symbol indicated on the right-hand side of the paper tray. Then secure the paper release lever down to the seated position.

ColorBurst RIP

ColorBurst works best with flattened 8-bit tiff and .pdf or .pdf compatible file formats tagged with the ‘Adobe RGB 1998’ color profile.

Open ColorBurst from the Dock. Within the main ColorBurst window now open, choose an appropriate environment (paper type) from the environment drop-down menu at the top left of the window. The number after the 4880 is the printing resolution, and the PK (photo) or MK (matte) notation indicates the environment profile's specified ink type. We recommend printing at 1440 dpi although in some instances 2880 provides improvements in density on more absorbent papers.

At the top of the main ColorBurst window on the right-hand side hit the 'Printer' button. This opens the 'Printer Settings' window.

In the top left portion of the 'Printer Settings' window choose 'Roll' or 'Sheet' according to the paper format. Enable 'Use Page Settings' and enter the the correct paper size under 'Paper Size.' Here you may also choose to auto-center or position your image on the page. Additionally, when using 'Roll' you may select to have your media cut using the 'Cut Media' check box at the left side of the 'Printer Settings' window. Uncheck this box when using sheet media. Leave 'Use Bidirectional Printing' disabled. Use 'Edge to Edge Printing' for boarderless prints (on roll paper only). Close this window.

Drag image files for printing into the 'Job List' area of the main ColorBurst window or use the 'File' 'Open' menu command. To change the size or orientation of an image, double-click on the image file's title - this opens the 'File Attributes' window. If your image displays the status “Image Too Large” you must edit the settings to either change the orientation or size of the image to fit the paper.

Begin printing by clicking the 'RIP On' radio button, select the file to print from the 'Job List' and hit the green 'Activate' button at the top of the window.