

# USER INSTRUCTIONS

## HARMAN PHOTO PROFESSIONAL INKJET

### MATT FB Mp WARMTONE



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## REAL PHOTO BARYTA WITH INSTANT DRY SILICA

**HARMAN PHOTO MATT FB Mp WARMTONE inkjet paper** is a premium quality microporous paper on a true photographic fibre base. The base for this product is specially chosen to give creamy whites and velvety blacks and makes it the professional choice for inkjet black and white photography and portraiture. It gives instant dry high quality images on a wide range of photo-dedicated inkjet printers with dye and pigment inks.

Uniquely the paper incorporates a layer below the ink-receiving layer called Baryta. Baryta is a special coating that is traditionally applied to fibre photographic paper base prior to coating with the emulsion layers. The technical benefits of this layer include greater detail and definition, extended tonal range, and excellent archival properties. In addition Baryta coated fibre papers have a unique look and feel which have become the standard for fine art photographers worldwide over the course of more than a century.

The paper also does not contain an Optical Brightening Agent, making it Museum grade standard.

### PRINTING TIPS

- The paper is compatible with pigment and dye inks and most photo-dedicated/photo capable printers, using the printer manufacturer's original inks.
- The printing side is the creamy, smoother and very slightly less glossy side of the paper. The paper is packed in the box printing side up.
- To ensure that the paper remains flat, store the paper in the original bag and box until you are ready to print. The prints will exhibit a small amount of curl when exiting the printer but will flatten out again within a few minutes. This is normal for a fibre base paper of this type.
- Handle the paper carefully, avoiding touching the printing surface as this may cause scuffmarks and adversely affect colour and image quality.
- As with all photographic and inkjet materials do not expose this paper to extremes of temperature and humidity as this will adversely affect image quality and colour.
- To load the paper into the printer feed tray follow the printer manufacturer's advice.

Prints will be touch dry directly after printing and can be handled immediately. However, stacking, storing, framing, and displaying prints in albums should only be carried out when the images are completely dry. We recommend leaving them for 24 hours or at least overnight for any out-gassing from the inks to be completed. Actual dry times will vary according to the ambient conditions where you are printing.

### PRINTING BLACK & WHITE IMAGES

Printing black & white images can prove more difficult than printing colour images. This is because even a small shift in colour away from neutral that would not be evident on a colour print can be quite noticeable on a black & white print.

The suggested printer settings listed below should produce neutral black & white images, but may require adjustments to suit individual preferences. However we strongly recommend the use of an appropriate ICC profile for your printer in order to obtain more consistently neutral results. ICC profiles for HARMAN Inkjet papers for many popular printers can be downloaded free of charge at [www.harman-inkjet.com](http://www.harman-inkjet.com).

### PRINTER SETTING GUIDELINES

This paper is designed for use with photo inkjet printers from Canon®, Epson® and HP®. The printer settings we recommend are based on extensive practical tests at our factory, which have achieved consistently good results, when applying specific media/printer setting combinations. You may need to change these settings depending on personal preferences, the types of images you are printing and your local conditions. For example, if a warmer or darker image is required to suit your personal preferences, you may need to increase 'saturation' or 'intensity'. Similarly changing the media selection, which appear in the printer software's drop down menu, can also dramatically alter the look and colour of resultant prints.

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**NOTE:** Printers, inks and software are changed and updated frequently. For the latest information on printer settings, including downloadable ICC profiles, and for more information about HARMAN technology's inkjet media, visit our website at: [www.harman-inkjet.com](http://www.harman-inkjet.com)

## SPECIFICATION:

Weight	- 310gsm
Thickness aim	- 310 micron, (12 mil)
Base tint +UV CIE L*, a*, b* range aim	- L*= 95.94 to 97.6, a*= 0.88 to 1.97, b*= 0.19 to 1.73
Gloss aim values	- 1.3% at 20 degrees, 2.5% at 60 degrees, and 5% at 85 degrees
Opacity aim values	- 99.4 - 99.8 %
Acid free	

## PRINTER MODEL (Dye inks)

## SUGGESTED SETTINGS

Epson 785EPX, 870, 875, 890, 895, 1270, 1280, 1290	Media Type - Matte Paper Heavyweight Print quality - 1440dpi Colour Management - Photo Enhance 4
Epson R200, R220, R300, R320	Media Type - Matte Paper Heavyweight Quality - Best Photo Advanced Settings - select ICM
Canon S900	Media Type - High Gloss Photo Film Print Quality - High Colour Adjustment - Manual/Select ICM
Canon ip6220D, 6210D, 6600D, 6700D,	Media Type - Photo paper Pro Print Quality - High Colour/Intensity – Manual/Select ICM
Canon i9950	Media Type - Photo Paper Plus Glossy Print Quality - High Colour Adjustment - Manual/Enable ICM
Canon Pixma Pro9000	Media Type - Photo Paper Plus Glossy Print Quality - High Colour/Intensity - Manual/Select ICM
HP Photosmart 8750, 8459, 8100, 7700, 7600, 7400, 7200	Paper/Quality - HP Premium Plus Paper Glossy Print Quality - Best Color/Color Management - Colorsmart/sRGB
Epson 1400	Media type – Epson Photo Quality Ink jet Print Quality – Best Photo Colour Management – Photo Enhance 4
HP Photosmart 7960	Paper/Quality - HP Premium Plus Paper Glossy Print Quality - Best Colorspace - sRGB

## PRINTER MODEL (Pigment Inks)

## SUGGESTED SETTINGS

Epson Stylus Pro R800, R1800	Paper Type - Archival Matte paper Quality- Best Photo Advanced Settings- ICM
Epson Stylus Pro 2100/2200 <u>Matte Black Ink Only</u>	Media – Watercolor Paper Radiant White Mode- Custom/Advanced/1440dpi/Select ICM <u>Note: Ensure that Matte Black Ink is selected under Maintenance/Printer and Options</u>
Epson Stylus Pro 2100/2200 <u>Photo Black Ink Only</u>	Media - Archival Matte Mode - Custom/Advanced/1440dpi/Select ICM <u>Note: Ensure that Photo Black Ink is selected under Maintenance/Printer and Options</u>

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<b>PRINTER MODEL (Pigment Inks)</b>	<b>SUGGESTED SETTINGS Continued</b>
Epson Stylus Pro 2400 <u>Matte Black Ink Only</u>	Media - Watercolor Paper Radiant White Quality- Best Photo Advanced Settings - ICM <u>Note: Ensure that Matte Black Ink is selected under Maintenance/Printer and Options</u>
Epson Stylus Pro 4800 <u>Matte Black Ink Only</u>	Media - Watercolor Paper Radiant White Mode- Custom/Advanced/Superfine 1440dpi/ICM <u>Note: Ensure that Matte Black Ink is selected under Maintenance/Printer and Options</u>
Epson Stylus Pro 3800	Media - Watercolor Paper Radiant White Mode - Custom/Advanced/Superfine 1440dpi/ICM
Epson Stylus Pro 4000 <u>Matte Black Ink Only</u>	Media - Watercolor Paper Radiant White Mode - Custom/Advanced/Superfine 1440dpi. Set 'Color controls' to +5 contrast, +25 Saturation, -1 Cyan and +5 Yellow. <u>Note: Ensure that Matte Black Ink is selected under Maintenance/Printer and Options</u>

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