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› **Graphtec IJ-91001MBK Matte Black Ink Cartridge (130ml) User Manual for JW331/JW330/JW350/JW501/JW500/JW550 Printers**

Graphtec IJ-91001MBK

Graphtec IJ-91001MBK Matte Black Ink Cartridge User Manual

For Graphtec JW331, JW330, JW350, JW501, JW500, JW550 Series Printers

1. INTRODUCTION

This manual provides essential instructions for the safe and effective use of your Graphtec IJ-91001MBK Matte Black Ink Cartridge. Please read this manual thoroughly before installation and operation to ensure optimal performance and longevity of your printer and ink cartridge.

2. PRODUCT OVERVIEW

The Graphtec IJ-91001MBK is a genuine Matte Black ink cartridge designed for specific Graphtec large-format printers. It contains 130ml of high-quality pigment-based ink, formulated to deliver sharp, durable, and fade-resistant prints.

3. COMPATIBILITY

This ink cartridge is compatible with the following Graphtec printer models:

- Graphtec JW331
- Graphtec JW330
- Graphtec JW350
- Graphtec JW501
- Graphtec JW500
- Graphtec JW550

Using this cartridge with incompatible models may result in damage to the printer or poor print quality.

4. SETUP AND INSTALLATION

Follow these general steps to install the Graphtec IJ-91001MBK ink cartridge. Refer to your specific printer's user manual for detailed, model-specific instructions.

1. **Prepare the Printer:** Ensure your printer is powered on and in a ready state. Open the ink cartridge access cover.
2. **Remove Old Cartridge (if applicable):** If replacing an empty cartridge, gently press the release tab and pull the old cartridge straight out. Dispose of it responsibly according to local regulations.
3. **Unpack New Cartridge:** Carefully remove the new Graphtec IJ-91001MBK ink cartridge from its packaging. Avoid touching the electrical contacts or the ink nozzle.
4. **Shake Gently:** Gently shake the cartridge horizontally a few times to distribute the ink evenly.
5. **Remove Protective Cap/Seal:** Remove any protective tape or cap from the ink cartridge as indicated in your printer's manual. Be careful not to spill any ink.
6. **Insert New Cartridge:** Align the new cartridge with the correct slot in the printer. Push it firmly until it clicks into place. Ensure it is securely seated.
7. **Close Cover:** Close the ink cartridge access cover. The printer may perform an initial ink charging or alignment process.
8. **Confirm Installation:** Check the printer's display or status lights to confirm that the new ink cartridge is recognized and ready for use.

5. OPERATING INSTRUCTIONS

Once the Graphtec IJ-91001MBK ink cartridge is correctly installed, your printer is ready to produce high-quality prints. Follow your printer's standard operating procedures for printing documents or images.

- **Print Settings:** For optimal results with matte black ink, ensure your printer's software settings are configured for the appropriate media type and print quality.
- **Ink Levels:** Monitor ink levels through your printer's utility software. Replace the cartridge when the low ink warning appears to avoid interruptions during critical print jobs.
- **Print Head Cleaning:** If print quality degrades (e.g., streaks, missing lines), perform a print head cleaning cycle through your printer's maintenance menu.

6. MAINTENANCE

Proper maintenance ensures consistent print quality and extends the life of your ink cartridge and printer.

- **Storage:** Store unused ink cartridges in their original sealed packaging in a cool, dry place, away from direct sunlight and extreme temperatures.

- **Handling:** Handle cartridges carefully to prevent damage to the nozzle or electrical contacts.
- **Regular Use:** Use your printer regularly to prevent ink from drying out in the print head nozzles. If the printer is idle for extended periods, perform a test print periodically.
- **Cleaning:** Do not attempt to clean the ink cartridge nozzles manually with harsh chemicals or abrasive materials. Use the printer's built-in cleaning functions.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your ink cartridge.

7.1. Poor Print Quality (Streaks, Fading, Incorrect Colors)

- **Check Ink Levels:** Verify that the Matte Black ink cartridge is not low or empty. Replace if necessary.
- **Perform Print Head Cleaning:** Use your printer's utility software to perform a print head cleaning cycle. You may need to run it multiple times.
- **Perform Print Head Alignment:** If prints are misaligned, perform a print head alignment from your printer's maintenance menu.
- **Check Media Type:** Ensure the correct paper type is selected in your printer settings.
- **Inspect Cartridge:** Remove and re-insert the cartridge to ensure it is seated correctly. Check for any visible damage or blockages on the nozzle area (do not touch).

7.2. Cartridge Not Recognized

- **Re-install Cartridge:** Remove the cartridge and re-insert it firmly until it clicks into place.
- **Clean Contacts:** With the printer off, gently wipe the electrical contacts on the cartridge and inside the printer with a lint-free cloth slightly dampened with distilled water. Allow to dry completely before re-inserting.
- **Restart Printer:** Turn off the printer, unplug it for a few minutes, then plug it back in and turn it on.
- **Verify Compatibility:** Ensure you are using the correct Graphtec IJ-91001MBK cartridge for your specific printer model.

7.3. Ink Leakage

- **Inspect for Damage:** Check the cartridge for any cracks or visible damage.
- **Proper Installation:** Ensure the cartridge is installed correctly and not forced into the slot.
- **Contact Support:** If leakage persists, discontinue use and contact Graphtec customer support.

8. SPECIFICATIONS

Product Name	Graphtec IJ-91001MBK Matte Black Ink Cartridge
Brand	Graphtec
Model Number	IJ-91001MBK
Ink Color	Matte Black
Ink Capacity	130 ml
Compatible Devices	Graphtec JW331, JW330, JW350, JW501, JW500, JW550 Printers
Product Dimensions	19.3 x 4.6 x 8.1 cm
Item Weight	177 g

9. WARRANTY AND SUPPORT

For information regarding the warranty of your Graphtec IJ-91001MBK ink cartridge, please refer to the warranty documentation provided with your Graphtec printer or visit the official Graphtec website. For technical support or further assistance, please contact Graphtec customer service directly.

Note: Use of non-genuine Graphtec ink cartridges may void your printer's warranty.

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