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Argox OX-330 Barcode Monochrome Printer User Manual

Model: OX-330

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your Argox OX-330 Barcode Monochrome Printer. Please read this manual thoroughly before using the printer and retain it for future reference. The Argox OX-330 is designed for direct thermal and thermal transfer printing, offering a resolution of 203 dpi for clear and precise label output.

2. SAFETY INFORMATION

- **Power Supply:** Use only the power adapter supplied with the printer. Ensure the power outlet matches the voltage requirements.
- **Placement:** Place the printer on a stable, level surface. Avoid locations with excessive dust, humidity, or direct sunlight.
- **Ventilation:** Do not block ventilation openings. Ensure adequate airflow around the printer.
- **Handling:** Avoid touching the print head immediately after printing, as it may be hot.
- **Cleaning:** Disconnect the power cord before cleaning the printer. Use a soft, dry cloth. Do not use liquid or aerosol cleaners.
- **Repairs:** Do not attempt to repair the printer yourself. Refer all servicing to qualified service personnel.

3. PRODUCT OVERVIEW

The Argox OX-330 is a compact desktop thermal label printer capable of both direct thermal and thermal transfer printing. It features 8MB DRAM (5MB user available) and 4MB Flash ROM (2MB user available) for efficient data processing and storage.



Figure 3.1: Axiomatic OX-330 Barcode Monochrome Printer. This image shows the printer actively producing a label, demonstrating its primary function.

Key Components:

- **Print Head:** Responsible for transferring the image onto the label.
- **Media Guides:** Ensure proper alignment of labels.
- **Control Panel:** Includes buttons and indicator lights for printer status and basic operations.
- **Power Port:** For connecting the power adapter.
- **Data Ports:** For connecting to a computer (e.g., USB, Wi-Fi).
- **Media Compartment:** Where label rolls and ribbons (for thermal transfer) are loaded.

4. SETUP

4.1 Unpacking

1. Carefully remove the printer and all accessories from the packaging.
2. Verify that all components listed in the package contents are present.
3. Remove any protective films or packing materials from the printer.

4.2 Connecting Power

1. Connect the power adapter to the printer's power port.
2. Plug the power cord into a suitable electrical outlet.
3. Do not power on the printer until all other connections are made.

4.3 Connecting to a Computer

The Axiomatic OX-330 supports Wi-Fi connectivity for seamless integration with your PC.

1. **Wi-Fi Connection:** Refer to the separate Wi-Fi setup guide for detailed instructions on connecting your printer to a wireless network. This typically involves installing the printer driver and utility software on your PC.
2. **USB Connection (if applicable):** If using a USB cable, connect one end to the printer and the other to an available USB port on your PC.

4.4 Loading Labels and Ribbon

The OX-330 supports both Direct Thermal and Thermal Transfer printing methods. The loading procedure varies slightly depending on the method.

1. Open the printer's top cover.

2. Adjust the media guides to the width of your label roll.
3. Place the label roll onto the media spindle, ensuring the labels feed correctly.
4. For **Thermal Transfer** printing, also load the ribbon according to the diagrams inside the printer's media compartment. Ensure the ribbon is taut and correctly threaded.
5. Close the top cover.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off

- **To Power On:** Press the power button located on the printer. The indicator light will illuminate.
- **To Power Off:** Press and hold the power button until the printer shuts down.

5.2 Driver and Software Installation

Before printing, install the appropriate printer drivers and label design software on your PC. These are typically provided on a CD with the printer or available for download from the Argox official website. Follow the on-screen instructions for installation.

5.3 Printing a Label

1. Ensure the printer is powered on and connected to your PC (via Wi-Fi or USB).
2. Open your label design software or application from which you wish to print.
3. Create or open your label design.
4. Go to the 'Print' option in your software.
5. Select the Argox OX-330 as your printer.
6. Configure print settings such as label size, print quantity, and printing method (Direct Thermal or Thermal Transfer) if applicable. The printer supports a resolution of 203 dpi.
7. Click 'Print'. The printer will begin printing your labels.

6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your Argox OX-330 printer.

6.1 Cleaning the Print Head

The print head is a critical component and should be cleaned regularly, especially if print quality degrades.

1. Turn off the printer and disconnect the power cord.
2. Open the top cover to access the print head.
3. Using a lint-free cloth moistened with isopropyl alcohol (99% pure), gently wipe the print head surface.
4. Allow the print head to dry completely before closing the cover and reconnecting power.

6.2 General Cleaning

- Wipe the exterior of the printer with a soft, dry cloth.
- Use a soft brush or compressed air to remove dust and debris from inside the media compartment.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your Argox OX-330 printer.

7.1 No Power

- Ensure the power cord is securely connected to both the printer and the electrical outlet.
- Verify the power outlet is functional by plugging in another device.

7.2 Poor Print Quality

- Clean the print head as described in Section 6.1.
- Ensure you are using the correct type of labels for your printing method (Direct Thermal or Thermal Transfer).
- Check if the ribbon (for thermal transfer) is correctly loaded and not depleted.
- Adjust print darkness settings in your printer driver.

7.3 Printer Not Responding

- Check the connection between the printer and your PC (Wi-Fi or USB).
- Restart both the printer and your computer.
- Ensure the correct printer driver is installed and updated.
- Check the printer's status indicator lights for error messages.

7.4 Labels Not Feeding Correctly

- Ensure labels are loaded correctly and the media guides are adjusted to the label width.
- Check for any obstructions in the media path.
- Calibrate the printer for the label size if necessary (refer to printer utility software).

8. SPECIFICATIONS

Feature	Specification
Brand	Argox
Model Name	OX-330
Printing Technology	Thermal (Direct Thermal & Thermal Transfer)
Printing Resolution	203 dpi
Printer Output	Monochrome
Connectivity Technology	Wi-Fi
Memory	8MB DRAM (5MB user available), 4MB Flash ROM (2MB user available)
Compatible Devices	PC
Printing Media Type	Labels
Item Weight	1800 Grams
Product Dimensions (D x W x H)	16D x 6W x 10H Centimeters
Special Feature	Compact
Dual-sided printing	Yes
Duplex	Automatic

9. WARRANTY AND SUPPORT

9.1 Warranty Information

The Argox OX-330 Barcode Monochrome Printer comes with a **1-year warranty** from the date of purchase. This warranty covers manufacturing defects under normal use. It does not cover damage caused by misuse, accidents, unauthorized repairs, or consumables.

9.2 Technical Support

For technical assistance, troubleshooting beyond this manual, or warranty claims, please contact Argox customer support. Refer to the Argox official website or your purchase documentation for contact details and support resources.