

## DNP QW410

# DNP QW410 Dye Sublimation Printer User Manual

Model: QW410

## 1. INTRODUCTION AND OVERVIEW

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The DNP QW410 is a compact and lightweight dye sublimation photo printer designed for high-quality photo printing. It offers a resolution of 300x300 dpi, producing vibrant and detailed prints. Its efficient design allows for fast print speeds, making it suitable for various professional and personal applications.



*Image 1.1: Front view of the DNP QW410 Dye Sublimation Printer. This image displays the compact design and the output slot for printed photos.*

## 2. WHAT'S INCLUDED

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Upon unpacking your DNP QW410 printer, please verify that all the following components are present:

- QW410 Printer Unit
- Paper Tray (for 4x6" prints)
- Paper Holder
- 4" Spacer
- Power Cord

- Instruction Booklet
- DNP QW410 Printer Media (4.5 x 8") for immediate use



*Image 2.1: The DNP QW410 Printer Media Set, including the box and individual rolls of paper and ribbon.*

## 3. SETUP INSTRUCTIONS

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### 3.1 Unpacking and Placement

1. Carefully remove the printer from its packaging.
2. Place the printer on a stable, flat surface with adequate ventilation. Ensure there is enough space around the printer for proper operation and maintenance.

### 3.2 Connecting Power

1. Connect the provided power cord to the power input port on the rear of the printer.
2. Plug the other end of the power cord into a grounded electrical outlet.



*Image 3.1: Rear view of the DNP QW410 printer, highlighting the power input and USB 2.0 interface ports.*

### 3.3 Installing Media (Paper and Ribbon)

The DNP QW410 uses a dye-sublimation media set, which includes both paper and a color ribbon. These must be installed together.

1. Open the top cover of the printer.

2. Carefully insert the ribbon cartridge into its designated slot, ensuring it clicks into place.
3. Load the paper roll onto the paper holder and then place it into the paper tray.
4. Insert the loaded paper tray into the printer.
5. Close the top cover securely.



*Image 3.2: Top-down view of the DNP QW410 printer with its cover open, illustrating the internal mechanism for media installation.*

### **3.4 Driver Installation and Connectivity**

The printer connects via a USB 2.0 interface.

1. Connect the printer to your computer using a USB cable (not always included, check packaging).
2. Install the appropriate printer drivers for your operating system. Drivers are available for Windows (10, 7, 8) and Mac OS-X (10.12, 10.11, 10.10). Refer to the included booklet or the DNP official website for driver downloads.
3. Follow the on-screen instructions to complete the driver installation.

## 4. OPERATING INSTRUCTIONS

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### 4.1 Powering On/Off

- To power on, press the power button located on the rear of the printer. The 'POWER' indicator light on the front panel will illuminate.
- To power off, press the power button again. Ensure no print jobs are active before powering down.

### 4.2 Printing a Photo

1. Ensure the printer is powered on and connected to your computer.
2. Open the image you wish to print using your preferred photo editing or viewing software.
3. Access the print dialog (usually File > Print).
4. Select the DNP QW410 printer from the list of available printers.
5. Adjust print settings such as paper size (4x6" or 4.5x8"), print quality, and number of copies. The printer supports 300x300 dpi resolution for superior print quality.
6. Click 'Print'. The printer will begin processing and printing the image. High-speed mode can produce 4x6" prints in approximately 19 seconds.

### 4.3 Media Handling

The DNP QW410 supports two primary media sizes:

- **4x6" (150 sheets per roll):** Standard photo print size.
- **4.5x8" (110 sheets per roll):** Offers flexibility for various creative projects.

Always ensure you are using the correct media type and size for your desired output. Refer to section 3.3 for media installation.

## 5. MAINTENANCE

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### 5.1 Cleaning the Printer

Regular cleaning helps maintain print quality and extends the life of your printer.

- **Exterior:** Wipe the exterior of the printer with a soft, dry, lint-free cloth. Do not use abrasive cleaners or solvents.
- **Interior:** Periodically open the top cover and gently remove any dust or paper debris using a soft brush or compressed air. Avoid touching internal components directly.

### 5.2 Replacing Media

When the paper or ribbon runs out, replace the entire media set. Refer to section 3.3 for detailed media installation steps.

## 6. TROUBLESHOOTING

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This section provides solutions to common issues you might encounter.

## 6.1 Printer Not Powering On

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

## 6.2 No Print Output / Printer Not Responding

- Check the USB connection between the printer and the computer.
- Confirm that the correct printer drivers are installed and up to date.
- Verify that the media (paper and ribbon) is correctly installed and not depleted.
- Check the printer's status lights. An 'ERROR' light indicates a problem; consult the included booklet for specific error codes.
- Restart both the printer and your computer.

## 6.3 Poor Print Quality

- Ensure you are using genuine DNP QW410 media.
- Check for dust or debris inside the printer (refer to section 5.1).
- Verify that the print settings in your software match the media loaded and desired quality.

# 7. SPECIFICATIONS

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Feature	Specification
Model Number	QW410
Print Method	Dye Sublimation
Print Resolution	300x300 dpi
Print Speed (4x6")	Approx. 19 seconds (high-speed mode)
Supported Media Sizes	4x6" (150 sheets), 4.5x8" (110 sheets)
Interface	USB 2.0
Operating System Compatibility	Windows (10, 7, 8), Mac OS-X (10.12, 10.11, 10.10)
Product Dimensions	12.04 x 10.03 x 5.62 inches
Manufacturer	DNP

# 8. WARRANTY AND SUPPORT

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## 8.1 Warranty Information

The DNP QW410 printer comes with a **1-Year Limited Warranty** from the date of purchase. This warranty covers manufacturing defects under normal use. Please retain your proof of purchase for warranty claims. For full terms and conditions, refer to the warranty documentation included with your product or visit the official DNP website.

## 8.2 Technical Support

For technical assistance, driver downloads, or further troubleshooting, please visit the official DNP website or contact DNP customer support. Contact information can typically be found in the included documentation or on the manufacturer's website.