

HEINPRO HP-8002XC

HEINPRO HP-8002XC Cordless Paint Sprayer User Manual

Model: HP-8002XC

1. INTRODUCTION

Thank you for choosing the HEINPRO HP-8002XC Cordless Paint Sprayer. This manual provides essential information for the safe operation, setup, maintenance, and troubleshooting of your paint sprayer. Please read these instructions carefully before use to ensure optimal performance and to prevent damage to the unit or injury.

Important Safety Information:

- Always wear appropriate personal protective equipment, including eye protection, gloves, and a respirator, when operating the paint sprayer.
- Ensure adequate ventilation in your work area to prevent the buildup of hazardous fumes.
- Keep the work area clean and well-lit. Cluttered or dark areas invite accidents.
- Do not operate the sprayer near flammable liquids or gases.
- Disconnect the battery pack before performing any adjustments, changing accessories, or storing the tool.
- This tool is designed for use with DeWALT 20V MAX lithium-ion batteries (DCB200, DCB201, DCB203, DCB204, DCB205, DCB206, DCB207, DCB208, DCB210, DCB230, DCB240, etc.). Battery and charger are not included.

2. PACKAGE CONTENTS

Verify that all items listed below are present in your package:

- 1 x HEINPRO Cordless Paint Sprayer (Bare Tool)
- 4 x High-Precision Nozzles (1.0mm, 1.5mm, 2.0mm, 3.0mm)
- 1 x Viscosity Cup
- 1 x Cleaning Brush
- 1 x Through Needle
- 1 x Dust Blowing Joint
- 1 x Clean The Connector
- 50 x Paint Filter Funnels (100 micron)

- 2 x Paint Masking Films (21x590in & 43x590in)
- 1 x User Manual (this document)

3. SPECIFICATIONS

Feature	Specification
Brand	HEINPRO
Model Number	HP-8002XC
Power Source	Battery Powered (Compatible with DeWALT 20V MAX)
Motor Type	Brushless Motor
Material	Plastic (Body), Brass (Nozzles)
Color	Yellow and Black
Style	Handheld
Nozzle Sizes	1.0mm, 1.5mm, 2.0mm, 3.0mm
Spraying Modes	3 (Horizontal, Vertical, Circular)
Tank Capacity	1200ml
Maximum Flow Rate	1400ml/min
Assembly Required	Yes

4. SETUP

4.1 Battery Installation

The HEINPRO HP-8002XC is a bare tool and requires a DeWALT 20V MAX lithium-ion battery (not included). To install the battery, align the battery pack with the base of the sprayer handle and slide it in until it clicks securely into place. To remove, press the battery release button and slide the battery out.

4.2 Assembly

Your paint sprayer requires minor assembly before first use. Refer to the included diagrams (if available in the physical manual) for visual guidance.

1. Attach the spray gun body to the motor unit by twisting until secure.
2. Select the appropriate nozzle for your project (see section 4.4) and attach it to the spray gun.
3. Ensure the paint container is securely attached to the spray gun body.

4.3 Paint Preparation

Proper paint preparation is crucial for an even spray and to prevent clogging.

- **Thinning:** Many paints, especially thicker ones, will need to be thinned to achieve the correct viscosity for spraying. Use the included viscosity cup to test the paint. Dip the cup into the paint and time how long it takes

for the paint to flow out. Consult your paint manufacturer's recommendations for thinning ratios and appropriate thinners.

- **Filtering:** Always filter your paint before pouring it into the sprayer's tank. Use the provided 100-micron paint filter funnels to remove any lumps, debris, or dried paint particles that could clog the nozzle and affect spray quality.

4.4 Nozzle Selection

The sprayer comes with four brass nozzles (1.0mm, 1.5mm, 2.0mm, 3.0mm) for different applications:

- **1.0mm:** Ideal for very thin materials like stains, lacquers, and clear coats.
- **1.5mm:** Suitable for thin paints, primers, and sealers.
- **2.0mm:** Good for general-purpose paints, latex, and acrylics (often requiring thinning).
- **3.0mm:** Best for thicker paints, heavy latex, and some textured coatings.

Choose the nozzle that best matches the viscosity of your prepared paint and the desired finish.

4.5 Filling the Tank

After preparing your paint and selecting the nozzle, carefully pour the filtered paint into the 1200ml capacity tank. Do not overfill. Securely attach the tank to the sprayer body.



Image 1: The HEINPRO HP-8002XC Cordless Paint Sprayer. This image shows the overall design of the sprayer, including the handle, motor unit, and paint container. Note that the battery is not included with the bare tool.

5. OPERATING

5.1 Powering On and Testing

With the battery installed and the tank filled, hold the sprayer firmly. Point the nozzle at a test surface (e.g., cardboard) and press the trigger to begin spraying. Adjust the flow control knob (if present) to achieve the desired paint output.

5.2 Spraying Modes

The sprayer offers three adjustable spraying modes:

- **Horizontal Fan:** Ideal for spraying horizontal surfaces or when applying paint in horizontal strokes.
- **Vertical Fan:** Best for spraying vertical surfaces or when applying paint in vertical strokes.
- **Circular (Spot) Spray:** Suitable for small areas, corners, or detailed work.

Rotate the air cap on the front of the sprayer to switch between these patterns.

5.3 Spraying Technique

- Maintain a consistent distance (typically 6-12 inches) from the surface.
- Move the sprayer at a steady pace, overlapping each pass by about 50% to ensure even coverage.
- Avoid tilting the sprayer excessively, as this can affect paint flow.
- Release the trigger at the end of each pass to prevent paint buildup.

5.4 Dust Blowing Function

The HEINPRO HP-8002XC includes a unique dust blowing accessory. Attach the dust blowing joint to the sprayer to clear dust and debris from your work surface before painting, which helps improve spray quality and adhesion.

5.5 Using Paint Masking Film

The included paint masking films (21x590in & 43x590in) have pre-coated adhesive on one end. This allows for quick and easy masking of areas you do not wish to paint, saving time compared to using separate masking paper and tape.

6. MAINTENANCE

Regular cleaning and maintenance will extend the life of your HEINPRO paint sprayer and ensure consistent performance.

6.1 Cleaning After Use

Clean the sprayer immediately after each use. Dried paint can permanently damage components.

1. Disconnect the battery.
2. Empty any remaining paint from the tank back into its original container.
3. Pour a small amount of appropriate cleaning solution (water for latex/water-based paints, mineral spirits for oil-based paints) into the tank.
4. Reattach the tank and spray the cleaning solution into a waste container until the spray runs clear.
5. Disassemble the spray gun: remove the nozzle, air cap, and paint container.
6. Use the included cleaning brush and through needle to thoroughly clean all components, especially the nozzle and air cap, removing all paint residue. The cleaning joint can be used to easily remove residual paint from pipes.
7. Rinse all parts with clean water (if using water-based paints) or appropriate solvent.
8. Wipe all parts dry before reassembly or storage.

6.2 Motor Filter Maintenance

The motor uses washable sponge filters. Regularly inspect these filters for paint overspray or dust buildup. Remove and clean them with water and mild soap, then allow them to dry completely before reinstalling. This prevents impurities from entering the motor and extends its lifespan.

6.3 Storage

Store the clean and dry paint sprayer in a cool, dry place, away from direct sunlight and extreme temperatures. Ensure the battery is removed for long-term storage.

7. TROUBLESHOOTING

If you encounter issues with your HEINPRO paint sprayer, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No spray or weak spray	• Clogged nozzle or air cap • Paint too thick • Low battery • Suction tube not fully immersed in paint	• Clean nozzle and air cap thoroughly. • Thin paint to correct viscosity. • Charge or replace battery. • Ensure suction tube is submerged.
Uneven spray pattern	• Partially clogged nozzle/air cap • Incorrect nozzle selection • Inconsistent spraying distance/speed	• Clean nozzle and air cap. • Select appropriate nozzle for paint viscosity. • Maintain consistent distance and speed.
Paint drips or runs	• Applying too much paint • Spraying too close to surface • Paint too thin	• Reduce paint flow. • Increase spraying distance. • Thicken paint slightly or apply thinner coats.
Motor not running	• Battery not installed correctly • Battery discharged • Motor filter clogged	• Ensure battery is securely clicked in. • Charge battery. • Clean motor sponge filters.

If the problem persists after attempting these solutions, please contact HEINPRO customer support.

8. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the warranty card included with your product or visit the official HEINPRO website. Keep your purchase receipt as proof of purchase for any warranty claims. If you have questions regarding the operation or maintenance of your HP-8002XC Cordless Paint Sprayer, please contact HEINPRO customer service directly.

9. OFFICIAL PRODUCT VIDEOS

No official product videos were found in the provided product data. For visual demonstrations, please check the HEINPRO official website or authorized retailers.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question