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› Iwata IWA5660 1.3MM LPH400-134LVX Spray Gun Instruction Manual

Iwata LPH400-134LVX

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Model: LPH400-134LVX | Brand: Iwata

INTRODUCTION

This manual provides essential instructions for the safe and effective use, maintenance, and troubleshooting of your Iwata IWA5660 1.3MM LPH400-134LVX Spray Gun. Please read this manual thoroughly before operating the spray gun to ensure optimal performance and longevity.



Figure 1: Iwata LPH400-134LVX Spray Gun. This image shows the complete spray gun assembly, including the body, air cap, fluid nozzle, and fluid control knob.

The Iwata LPH400-134LVX is engineered for high productivity in applying both solvent and waterborne basecoats. It is designed to handle 90-95% of basecoat colors, offering an ultra-smooth application for a professional finish.

SETUP AND ASSEMBLY

Included Components:

- 1.3MM LPH400-134LVX Spray Gun
- Fluid Cup (if included with specific package)
- Wrenches for assembly and maintenance

Initial Setup Steps:

1. **Unpacking:** Carefully remove all components from the packaging. Inspect for any shipping damage.

2. **Air Connection:** Connect a suitable air hose (not included) to the air inlet at the base of the spray gun handle. Ensure a secure, leak-free connection.
3. **Fluid Cup Attachment:** If using a gravity-feed cup, securely attach it to the fluid inlet on top of the gun body.
4. **Nozzle and Air Cap Check:** Verify that the 1.3mm fluid nozzle and air cap are correctly installed and tightened.
5. **Air Pressure Regulator:** It is recommended to use an air pressure regulator with a gauge at the gun's air inlet for precise pressure control.
6. **Initial Cleaning:** Before first use, flush the gun with a compatible cleaning solvent to remove any manufacturing residues.

OPERATING INSTRUCTIONS

Preparing for Spraying:

1. **Ventilation:** Ensure adequate ventilation in the work area.
2. **Personal Protective Equipment (PPE):** Always wear appropriate PPE, including a respirator, safety glasses, and gloves.
3. **Material Preparation:** Prepare your paint material according to the manufacturer's specifications (viscosity, reduction).
4. **Fill Fluid Cup:** Fill the fluid cup with the prepared material. Do not overfill.

Adjusting the Spray Gun:

- **Air Pressure:** Set the air pressure at the gun's inlet to the recommended range for your material. Start with lower pressure and adjust as needed.
- **Fluid Control Knob:** This knob controls the amount of fluid released. Turn clockwise to decrease fluid flow, counter-clockwise to increase.
- **Pattern Control Knob:** This knob adjusts the spray pattern from round to fan. Turn clockwise for a round pattern, counter-clockwise for a wider fan pattern.

Spraying Technique:

- Maintain a consistent distance (typically 6-8 inches) from the surface.
- Move the gun parallel to the surface at a steady speed.
- Overlap each pass by 50% to ensure even coverage.
- Release the trigger at the end of each pass.

MAINTENANCE AND CLEANING

Proper cleaning and maintenance are crucial for the longevity and performance of your Iwata spray gun.

After Each Use:

1. **Empty Fluid Cup:** Remove any remaining paint material from the fluid cup.
2. **Flush Gun:** Fill the cup with a compatible cleaning solvent and spray it through the gun until clear solvent emerges.
3. **Clean Exterior:** Wipe down the exterior of the gun with a solvent-dampened cloth.
4. **Clean Air Cap:** Remove the air cap and clean it thoroughly with a brush and solvent. Ensure all air passages are clear.
5. **Clean Fluid Nozzle and Needle:** If necessary, carefully remove the fluid nozzle and needle for detailed cleaning. Use appropriate tools and avoid damaging the precision parts.
6. **Lubrication:** Apply a small amount of spray gun lubricant to the fluid needle packing and air valve packing.

Important Notes:

- Never use metal objects to clean the fluid nozzle or air cap holes, as this can damage them.
- Always use genuine Iwata replacement parts for repairs.
- Store the spray gun in a clean, dry place.

TROUBLESHOOTING GUIDE

This section addresses common issues you might encounter during operation.

Problem	Possible Cause	Solution
Pulsating or uneven spray	◦ Low fluid in cup ◦ Clogged fluid passage ◦ Loose fluid nozzle ◦ Insufficient air pressure	◦ Refill fluid cup ◦ Clean fluid nozzle and passages ◦ Tighten fluid nozzle ◦ Increase air pressure
Heavy top/bottom or side pattern	◦ Dirty or damaged air cap horns ◦ Blocked air cap holes	◦ Clean or replace air cap ◦ Clear blocked air cap holes
Fluid leakage from air cap	◦ Damaged fluid nozzle or needle ◦ Loose fluid nozzle ◦ Worn fluid needle packing	◦ Replace fluid nozzle or needle ◦ Tighten fluid nozzle ◦ Replace fluid needle packing

SPECIFICATIONS

Brand	Iwata
Model Name	LPH400-134LVX
Model Number	IWA5660
Nozzle Size	1.3 mm
Item Weight	1.3 pounds
Product Dimensions	2"W x 8.6"H
Recommended Uses	Painting (Solvent or Waterborne Basecoats)
UPC	453995095771
Included Components	1.3MM LPH400-134LVX GUN

WARRANTY INFORMATION

This Iwata spray gun comes with a manufacturer's warranty. For specific details regarding warranty coverage, duration, and terms, please refer to the documentation included with your product or visit the official Iwata website. Keep your proof of purchase for warranty claims.

CUSTOMER SUPPORT

For technical assistance, replacement parts, or further inquiries, please contact Iwata customer support. You can find contact information on the official Iwata website or through the Iwata Store on Amazon:

[Visit the Official Iwata Store on Amazon](#)

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.

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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