



User Manual of HTVRONT iPaint™ Painting Machine

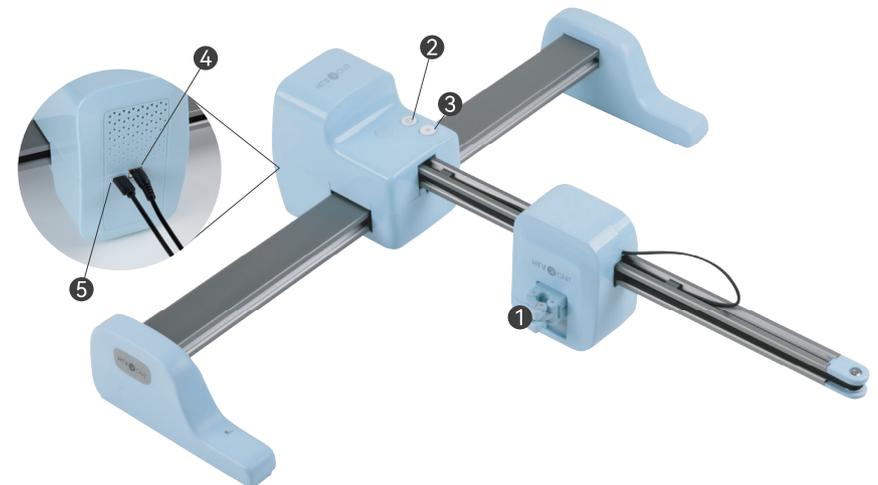
User Manual of HTVRONT iPaint™ Painting Machine

Thank you for purchasing the HTVRONT iPaint™ Painting Machine. Before using this product for the first time, please read this product manual carefully and keep it for further reference.

Included in the Box

• X-axis Slider x 1	• A3 Canvas x 2
• Y-axis Slider x 1	• 48 Colors Acrylic Paint Set x 1
• Connection Screw x 1	• Acrylic Paint Brush x 3
• Screw Lid x 1	• Heat Erasable Pen with Silicone Pen Grip(0.7 mm) x 2
• Phillips Screwdriver x 1	• Gel Pen (0.4 mm) x 1
• Power Adapter x 1	• Masking Tape x 1
• Type-C USB Cable x 1	• User Guide Envelope x 1"

Device Overview



1.Pen Holder 2.Power Button 3.Pause Button 4.Power Port 5.Type-C USB Port

Maximum Painting Area: 29.7 × 42.0 cm / 11.7 × 16.5 in

Maximum Painting Material Thickness: 16 mm / 0.63 in"

Details of Buttons



Power: Press the "Power" button to turn the device on or off;



Pause: Press the "Pause" button to pause or continue the task.

Details of Indicator Light

Buttons	Color	Status
Power	White	The machine is turned on.
	Flash White	The machine is resetting.
Pause	Red	The drawing task is paused under the USB connection.
	Green	The machine is connected via Bluetooth and ready to work.
	Yellow	The drawing task is paused under the Bluetooth connection.

Usage Notes

1. It's normal that the colors of the accompanying paints may slightly differ from those shown in the "IdeaStudio";
2. Ensure the ink flows smoothly and the lines are clear before using the pen. Please note that the "IdeaStudio" will prompt about the required ink volume of each task before drawing;
3. It is recommended to use a pen from HTVRONT. Any other pen with a body diameter of 8 mm (0.31 inch) can also be used, but compatibility is not guaranteed. The pens require a tilted angle, such as fountain pens, or those that require pressure to release ink are not compatible;
4. The silicone pen grip usually aligns to the scale mark B on the pen; for painting substrates thicker than 15 mm, align to the scale mark A;
5. It is recommended to use the heat erasable pen within 6 months; please store pens at a temperature range of 20 - 40°C. If the temperature exceeds 60°C, the ink may turn white. Place the pen in the freezer, and the ink will return to blue;
6. Lines drawn with the heat erasable pen can be removed with a blow dryer but may reappear when the temperature drops below -5°C. If necessary, reheat to remove the lines and store the device in places above 0°C;
7. Use the included gel pen for finer lines. Note that lines drawn with the gel pen cannot be erased.

Device Installation

- 1 Take out the X-axis slider and Y-axis slider;



Take the connector of the Y-axis slider out and insert it into the slot of the X-axis slider;



Align and assemble two sliders together and hide the cables into the Y-axis for clean cable organization;



Insert the connection screw into the screw hole and tighten it with a Phillips screwdriver. Ensure the sliders are secured and don't wobble;



Insert the screw lid into the screw hole and press tightly.

Software Installation

"IdeaStudio" Download Link: <https://www.HTVRONT.cn/download/>

If you have any questions or concerns, please check our official website: <https://www.HTVRONT.cn>

► System Requirements:

PC: Windows 10 (64-bit) 1809 or higher / macOS 11.0 or higher

Mobile: Android 9 or higher / iOS 11 or higher

Instruction for Use



Note:
Please peel off the tape used to fix the Y-axis cables.



1 Open the pen holder. Hold the top of the pen grip with both hands to insert the pen into the holder. Ensure the top of the pen grip is still aligned with the scale mark B on the pen after insertion, then close the clamp

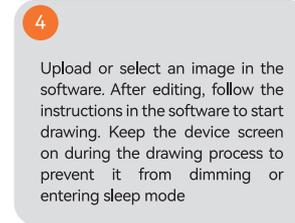
Note: The pen holder and pen grip are oval-shaped and must be aligned for proper installation. Use the dividing line on the grip and the black guideline on the holder to help with alignment.



2 Place the canvas on a flat surface with the smooth side up, secure its edges with masking tape, and align the top-left corner of the canvas with the device's black mark on the Y-axis slider. For optimal drawing results, align the pen tip exactly with the top-left corner of the canvas



3 Please insert the power adapter cable into the hole at the back of the device and connect the power adapter to the power; short press the "Power" button to turn the device on. (The Pen Holder will reset automatically after powering on; please do not stop this process manually); connect the device to the computer via USB cable or BLUETOOTH®



4 Upload or select an image in the software. After editing, follow the instructions in the software to start drawing. Keep the device screen on during the drawing process to prevent it from dimming or entering sleep mode



5 After drawing, remove the masking tape and canvas. Follow the software's color guide to mix paints or painting with paint sets (Not included) directly



6 After painting, use a blow dryer or heat gun to heat the canvas to eliminate the sketch line for a cleaner finish.

Quick Reference Chart

Substrate	Material	Thickness	Additional Requirement
Canvases	Polyester-cotton Blend	/	Surface must be smooth and flat.
Canvas Board	Polyester-cotton Blend	≤1.6 cm/0.63 in	
Stretched Canvas	Polyester-cotton Blend	≤1.6 cm/0.63 in	
Other Drawing Paper	Over 80 gsm	≤1.6 cm/0.63 in	

Device Calibration

- 1
- 2 Install the canvas and the pen as instructed, then click "Start" to draw the calibration image automatically
- 3 After drawing, measure the offset between the actual length and the marked length. Enter the offset value into the software if under 1 mm for automatic calibration. Otherwise, contact HTVRONT's customer service immediately.

Precautions

1. Do NOT use this product outdoors. It's ONLY for household use;
2. You can only use this product on a flat and stable surface;
3. Please keep away from flammable and explosive materials when using this product;
4. Please keep an eye for the product during operation; turn off and unplug the device when not in use;
5. Please unplug the adapter after use and before cleaning the product;
6. Do not rinse the product with any liquids;
7. If the product is malfunctioning or damaged, please stop using the product immediately and contact HTVRONT's customer service;
8. Children under 14 must have adult supervision while using the device.

Specifications

HTVRONT iPaint™ Painting Machine	
Product Model: PMF01	Brand: HTVRONT
Input Voltage: 100-240V~ 50/60Hz 1.0A Max	Output Voltage: DC12V 2.5A
Product Weight: 2.6 kg/5.73 lb	Package Weight: 4.8 kg/10.58 lb
Product Dimensions: 58.0 × 54.8 × 14.4 cm/22.8 × 21.6 × 5.7 in	Package Dimensions: 63.5 × 30.0 × 15.5 cm/25.0 × 11.8 × 6.1 in
Maximum Painting Area: 29.7 × 42.0 cm/11.7 × 16.5 in	
Maximum Painting Substrate Thickness: 16 mm/0.63 in	

FAQs

Q1: What to do if some lines are faint or missing after drawing?

- A1: Ensure the pen is dispensing ink properly;
- A2: Ensure the silicone pen grip is installed correctly, the top end of the pen grip is aligned at the scale marks (For Canvas: Mark A, For Canvas Board: Mark B), and the pen tip touches the painting substrate's surface;
- A3: Ensure both sliders are properly installed and the connection screw is secure;
- A4: Ensure the device is on a flat, clean surface;
- A5: Ensure the drawing substrate is flat, undistorted, and free from dents;
- A6: Ensure both support feet are flat, with no obstructions underneath.

Q2: What to do if the drawn lines are wavy?

- A1: Ensure both sliders are properly installed and the connection screw is secure (but not over-tightened);
- A2: Ensure the silicone pen grip is installed correctly, the top end of the pen grip is aligned at the scale marks (For Canvas: Mark A, For Canvas Board: Mark B), and the pen tip touches the painting substrate's surface;
- A3: Ensure the pen is tightly secured in the Pen Holder;
- A4: If the above steps don't work, please contact the HTVRONT customer service.

Q3: What to do if the canvas shows pen movement traces?

- A1: Ensure the silicone pen grip is installed correctly, the top edge of the pen grip is aligned at the scale marks (For Canvas: Mark A, For Canvas Board: Mark B), and the pen tip touches the painting substrate's surface;
- A2: Ensure the painting substrate is flat and smooth and secure it with masking tape;
- A3: Ensure both support feet are flat and clean.

Q4: What to do if the drawing pattern is misaligned or lines don't close?

- A1: Secure the painting substrate firmly with extra tape;
- A2: Ensure the painting substrate (especially a canvas) is completely flat and secured;
- A3: Ensure the device is on a flat, clean surface;
- A4: Calibrate the device. If the offset of misalignment exceeds 1 mm, contact HTVRONT customer support.

Q5: What to do when the Pen Holder fails to go back to the original position after previewing?

- A1: Please cut off the power and restart the device;
- A2: If the above steps don't work, please contact the HTVRONT customer service.

Q6: What to do if the lines and numbers drawn with the gel pen are still visible after coloring?

- A1: Light-colored paint may not provide full coverage. Try applying a thicker coat, let it dry, and then add 2-3 more layers for better results.

HTVRONT iPaint™ Painting Machine Tumbler Limited Warranty

This product is covered by a one-year warranty from the date of purchase. If a defect occurs under normal use within the warranty period, we will provide warranty service. Proof of purchase is required to claim warranty service. HTVRONT accessories are covered by a free warranty for three months from the date of purchase. In the event that any warranty terms conflict with applicable local laws and regulations, the local laws will take precedence.

To the extent permitted by applicable laws, HTVRONT is not responsible for the warranty in the following situations: malfunctions caused by improper use, maintenance, and storage by consumers; malfunctions caused by self-repair or dismantling by those who do not undertake the three-guarantee repair without the permission of our company; products that can continue to be used after repair when the warranty expired; damage caused by force majeure. Meanwhile, HTVRONT disclaims all implied and legal warranties, including warranties of merchantability and fitness for a particular purpose. The warranties that are allowed to be denied are for the duration of this warranty.

Proof of purchase may be required to verify warranty eligibility.