GAOMON ArtPaint AP50

GAOMON ArtPaint AP50 Battery-Free Stylus Instruction Manual

1. INTRODUCTION

The GAOMON ArtPaint AP50 is a battery-free stylus designed for use with specific GAOMON Graphics Pen Displays. This manual provides essential information on its features, setup, operation, maintenance, and troubleshooting to ensure optimal performance and longevity of your stylus.

2. COMPATIBILITY

The ArtPaint AP50 stylus is specifically designed for use with the following GAOMON Graphics Pen Display models:

- GAOMON PD1161
- GAOMON PD1561
- GAOMON PD156 Pro

Important: This stylus is **NOT** compatible with other pen tablets, phones, PCs, iPads, Wacom tablets, or other brands of pen displays. Please verify your device model before use.

3. KEY FEATURES

Image: The ArtPaint AP50 stylus, emphasizing its 8192 pressure levels, battery-free operation, and eco-friendly design.

266 PPS
Report rate

10mm
Sensing height

Image: Detailed view of the ArtPaint AP50 stylus, illustrating its lightweight design, replaceable nib, and two customizable express keys.

- **Battery-Free Technology:** The AP50 utilizes advanced passive technology, eliminating the need for batteries or charging. This design is both environmentally friendly and economical.
- **8192 Levels of Pen Pressure:** Experience precise control and natural drawing with 8192 levels of pressure sensitivity, mimicking the feel of traditional art tools on paper.
- **Lightweight Design:** Weighing only 16g, the stylus is comfortable to hold for extended periods, reducing hand fatigue during long creative sessions.
- **Programmable Buttons:** Two customizable express keys are located on the pen, allowing you to assign frequently used functions for a quicker and more efficient workflow.

- **Replaceable Nibs:** The stylus features a replaceable nib design, extending the lifespan of the pen and reducing waste.
- **High Report Rate:** Offers a 266 PPS (Points Per Second) report rate for smooth and responsive cursor movement.
- **10mm Sensing Height:** The stylus can detect movement up to 10mm above the display surface, allowing for precise positioning.

4. PACKAGE CONTENTS

Image: Contents of the ArtPaint AP50 package, showing the stylus, pen nibs, and pen clip.

Upon opening your GAOMON ArtPaint AP50 package, you should find the following items:

- 1 x ArtPaint AP50 Pen
- 8 x Replacement Pen Nibs

- 1 x Pen Clip (for nib removal)

5. SETUP

5.1 Driver Installation

Before using your ArtPaint AP50 stylus, ensure that the correct drivers for your GAOMON Graphics Pen Display are installed on your computer. If you have not already done so, please follow these general steps:

1. Visit the official GAOMON website (www.gaomon.net) and navigate to the 'Support' or 'Download' section.
2. Locate the drivers specific to your GAOMON Graphics Pen Display model (e.g., PD1161, PD1561, PD156 Pro).
3. Download the latest driver version compatible with your operating system (Windows/macOS).
4. Close all drawing software and antivirus programs before installation.
5. Run the downloaded installer and follow the on-screen instructions.
6. Restart your computer after the installation is complete.

Proper driver installation is crucial for the stylus to function correctly, including pressure sensitivity and express key customization.

5.2 Connecting the Stylus

The ArtPaint AP50 is a passive, battery-free stylus. It does not require a separate connection to your computer. Once your GAOMON Graphics Pen Display is properly connected to your computer and its drivers are installed, the stylus will automatically function when brought into proximity with the display surface.

6. OPERATING THE STYLUS
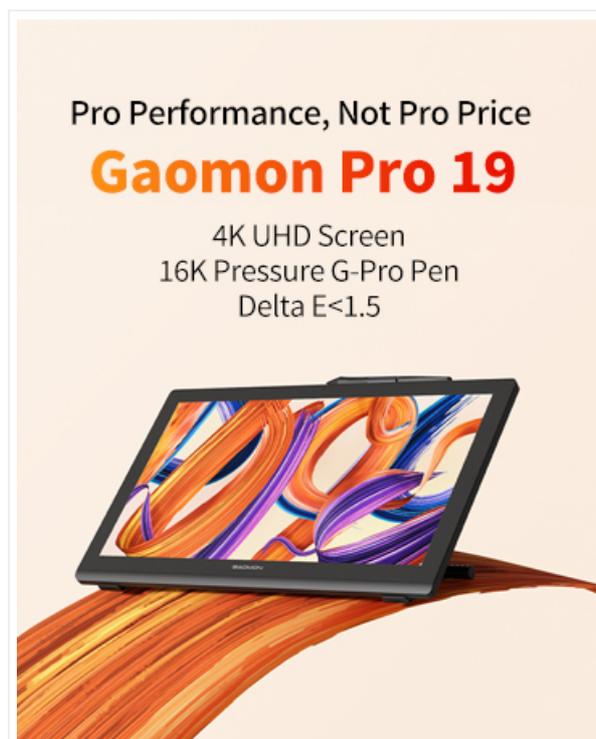
6.1 Using Pressure Sensitivity

Image: A hand demonstrating the use of the ArtPaint AP50 stylus on a graphics display.

The ArtPaint AP50 offers 8192 levels of pressure sensitivity. This feature allows you to control the thickness, opacity, or other properties of your brush strokes in compatible drawing software by varying the pressure you apply to the pen tip. Pressing harder will typically result in a thicker or more opaque line, while lighter pressure will produce a finer or more transparent line.

6.2 Customizing Express Keys

The two buttons on the side of your ArtPaint AP50 stylus are programmable express keys. You can customize their functions through the GAOMON driver software installed on your computer. This allows you to assign shortcuts, mouse clicks, or other commands to these buttons for quick access during your workflow.

1. Open the GAOMON driver application on your computer.
2. Navigate to the 'Pen' or 'Stylus' settings tab.
3. Select each button and choose the desired function from the available options (e.g., Right Click, Eraser, Undo, Zoom In/Out).
4. Apply or save your changes.

7. MAINTENANCE

7.1 Cleaning the Stylus

To maintain the performance and appearance of your stylus, wipe it regularly with a soft, dry, lint-free cloth. Avoid using harsh chemicals, abrasive cleaners, or solvents, as these can damage the stylus's surface.

7.2 Replacing Pen Nibs

Image: Illustration of how to replace the nib on the ArtPaint AP50 stylus using the included pen clip.

Over time, the pen nib may wear down. Replace it when it becomes too short or sharp to ensure optimal drawing experience and to prevent scratching your display. To replace a nib:

1. Use the included pen clip to gently grip the old nib.
2. Pull the old nib straight out from the stylus.
3. Insert a new nib firmly into the stylus until it clicks into place.

4. Ensure the nib is securely seated before use.

7.3 Storage

Store the stylus in a safe place when not in use to prevent loss or damage. Avoid exposing it to extreme temperatures, direct sunlight, or high humidity.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Stylus not responding	Incorrect or outdated drivers; Display not properly connected; Stylus outside active area.	Ensure drivers are correctly installed and updated. Check display connection. Keep stylus within the active area of the display.
No pressure sensitivity	Driver issue; Software incompatibility; Worn nib.	Reinstall or update drivers. Check if your drawing software supports pressure sensitivity. Replace the pen nib.
Express keys not working	Keys not configured; Driver issue.	Open the GAOMON driver software and configure the express keys. Reinstall drivers if necessary.
Cursor jittery or inaccurate	Electromagnetic interference; Loose display connection.	Move away from other electronic devices that may cause interference. Ensure display cables are securely connected.

If you encounter issues not listed here or if the suggested solutions do not resolve your problem, please contact GAOMON customer support for further assistance.

9. SPECIFICATIONS

Feature	Detail
Model Number	ArtPaint AP50
Pen Technology	Battery-Free (Passive)
Pressure Levels	8192 Levels
Report Rate	266 PPS
Sensing Height	10mm
Express Keys	2 Programmable Buttons
Dimensions (L x W x H)	0.47 x 0.39 x 6.3 inches (12 x 10 x 160 mm approx.)
Item Weight	0.564 ounces (16 Grams)
Color	Black

Feature	Detail
Material	Plastic
Compatible Devices	GAOMON PD1161/PD1561/PD156 Pro Pen Displays

10. WARRANTY AND SUPPORT

GAOMON products typically come with a manufacturer's warranty. For specific warranty terms, duration, and conditions applicable to your ArtPaint AP50 stylus, please refer to the warranty card included with your product or visit the official GAOMON website's support section.

For technical support, driver downloads, FAQs, or to contact customer service, please visit the official GAOMON support page at www.gaomon.net/support. When contacting support, please have your product model number (ArtPaint AP50) and your GAOMON Graphics Pen Display model number ready.