Handheld printer product manual

Content

Product introduction

Setting

Maintenance

Content Edit

Management

U diskflash

Device information

FAQ

2 / 31
Product introduce

Printer size

Product structure introduction
# Handheld printer product manual

![Handheld Printer Image]

## Hand-held inkjet printer parameters

<table>
<thead>
<tr>
<th>Feature</th>
<th>GG-HH1001A (Gray cover)</th>
<th>GG-HH1001B (Blue cover)</th>
<th>GG-HH1001p (Orange cover)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Model</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Speed</strong></td>
<td>60m/min (300dpi)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Resolution</strong></td>
<td></td>
<td>Up to 600dpi</td>
<td></td>
</tr>
<tr>
<td><strong>Interface</strong></td>
<td>U disk Photoelectric interface, power interface</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Data Entry</strong></td>
<td>Touch screen keyboard entry</td>
<td>Touch screen keyboard entry</td>
<td>U disk data import</td>
</tr>
<tr>
<td><strong>Battery Capacity</strong></td>
<td>2600mAh</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Power Consumption</strong></td>
<td>&lt;5 W</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Ambient Temperature</strong></td>
<td>0-40°C</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Use Ambient Humidity</strong></td>
<td>10%-80%RH</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Power</strong></td>
<td>DC9V-2A</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>450g</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Storage Capacity</strong></td>
<td>50MB (Can store about 30,000 print messages)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Handheld printer product manual

| Continuous working time | >10h 以上
Combined with power saving mode |
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Product size</td>
<td>138<em>54</em>217mm</td>
</tr>
<tr>
<td>package size</td>
<td>275<em>245</em>115mm</td>
</tr>
<tr>
<td>Warranty</td>
<td>One year</td>
</tr>
<tr>
<td>Application medium</td>
<td></td>
</tr>
<tr>
<td>Water absorbing material</td>
<td>Non-Water absorbing material</td>
</tr>
<tr>
<td>Paper/wood</td>
<td>Metal/Glass/Plastic/Textile/Cement/Coated paper /PP and other films/Egg/</td>
</tr>
</tbody>
</table>

Accessories

Handheld inkjet printer 1pcs
喷码机一台
Charger 1pcs
充电器一个
Install cartridge BK 1pcs
随机墨盒一个
Balancing stand 1pcs
平衡架 1 个
Auxiliary plates 1pcs
辅助版 1 个
USB Flash disk
U 盘 1 个

Power chose suggestion

For each country power selection, you are advised to select different power sources by referring to the following illustration.
Warranty

GG inkjet printer warranty for one year, non-human quality problems are returned free of charge within one year, other damages provide paid repairs

Setting

Print

1. Open the main interface and select “setting”

2. click print to Open the print settings interface

3. Select different settings according to your needs
打印方向设置，系统默认为从左向右打印

Print orientation setting, the system defaults to print from left to right

打印模式设置，默认为 handheld 模式，Photoelectric 为扩展模式，用在生产线

Print mode setting, the default is handheld mode, Photoelectric is an extended mode used in production lines.

打印分辨率设置，系统默认情况是 300dpi

Print resolution setting, The default is 300dpi

打印延迟设置，点击数字 3 进入输入界面，输入需要数字，然后点击确认时间

Print delay setting, Click on the number 3 position to enter the input interface, enter the required number, then click √ to confirm

注意：此设置需要在高级模式下配合光电模式调整，多用于生产线

Note: The print speed setting needs to be adjusted with the photoelectric mode in the advanced mode, which is mostly used in the production line.
Click √ confirm the change after all parameters or a parameter is setting

**Language**

1. Open the main interface and select “setting”

   ![Setting icon](image)

2. Click “Language” to setting

   ![Language icon](image)

3. Click your Language

   ![Language selection](image)

4. Click √ to confirm
1. Open the main interface and select “setting”

2. Click “Power” to setting

3. Setting

Darken screen
- 30 second
- 30 seconds
- 1 minute
- 5 minutes
- Never

Auto sleep
- 10 minute
- 10 minutes
- 1 hour

Turn off screen
- 10 minute
- 10 minutes
- 30 minutes
- 1 hour
- Never

Turn off screen,
Auto sleep,

4. Click √ confirm

Tone

1. Open the main interface and select “setting”

2. Click “Tone” to setting

3. Click the √ button of screen after all parameters or a parameter is setting
Screen

1. Open the main interface and select “setting”

2. Click “Screen” to setting

3. Click the √ button of screen after all parameters or a parameter is setting

Time

1. Open the main interface and select “setting”

2. Click “Time” to setting

3. Set date format

<table>
<thead>
<tr>
<th>Date</th>
<th>Format</th>
<th>Date setting</th>
<th>Format setting</th>
</tr>
</thead>
<tbody>
<tr>
<td>2019/06/06</td>
<td>Y/M/D</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Handheld printer product manual

3. Set time format

4. Click the √ button of screen after all parameters or a parameter is setting

Factory default

1. Open the main interface and select “setting”
Notice: Please note that the factory reset is used when the equipment software and other faults cannot be recovered. After the factory settings are restored, all the parameters that have been set will be cleared and restored to the original factory parameters.

**Maintenance**

**Nozzle clean**

1. Point the printer nozzle to the paper

2. Click “Nozzle clean” to cleaning

**Nozzle wet**

1. Point the printer nozzle to the paper

2. Click “Nozzle wet” to wetting the nozzle
Handheld printer product manual

Nozzle test

1. Point the printer nozzle to the paper

2. Click “Nozzle” prepare to printing

3. Place the paper then pull the button to printing

4. Normal test report

Repeat nozzle clean if you see printing blank

Demo page

1. Point the printer nozzle to the paper

2. Click “Demo page” prepare to printing

3. Place the paper then pull the button to printing
4. Normal test report

**FW upgrade**

1. Download the latest firmware to the U disk firmwares file and insert U disk to handheld printer

   ![Download firmware](image1)

2. Click “Maintenance”

   ![Maintenance](image2)

3. Click “FW upgrade”, open the latest firmware

   ![FW upgrade](image3)

4. Select the firmware and click √确认
5. After clicking the upgrade, a warning prompt will appear, ignoring the firmware upgrade.

Notice: Ensure that the battery capacity is greater than 50%, or upgrade when connected to the power supply.

6. It will be power off and means finishing updated

7. Power on and enjoy the new functions

Content Edit

Print related settings

Print gap description

The print head to the print medium has a gap of 2.5 mm, and the print medium is prohibited from contacting the red head portion.

Print size

Print max content
Handheld printer product manual

<table>
<thead>
<tr>
<th>Model</th>
<th>GG-HIP1001A</th>
<th>GG-HIP1001B</th>
<th>GG-HIP1001P</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum print character height</td>
<td>2.5mm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Maximum print character height</td>
<td>12.7mm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>print length one time</td>
<td></td>
<td>407mm</td>
<td></td>
</tr>
<tr>
<td>quantity of one printed</td>
<td></td>
<td>5 rows</td>
<td>Does not affect font clarity</td>
</tr>
</tbody>
</table>

Maximum print character height is the printer default settings

### Text format

<table>
<thead>
<tr>
<th>Font in machine</th>
<th>Vector font</th>
<th>Bitmap</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eg</td>
<td>G&amp;G</td>
<td>G &amp; G</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Application</th>
<th>Full of glyphs, used in gifts, custom logo fields</th>
<th>More used in industrial signage scenarios, more cost effective</th>
</tr>
</thead>
</table>

There are two fonts Vector font and Bitmap in machine

### Setting text font

Due to copyright issues, this machine only loads 2 fonts at the factory. If you want to use more fonts, please download the relevant fonts yourself.

<table>
<thead>
<tr>
<th>Bring 2 types free font</th>
<th>song font</th>
<th>Yahei</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eg.</td>
<td>G&amp;G</td>
<td>G&amp;G</td>
<td>U disk loading</td>
</tr>
</tbody>
</table>

### Load the fonts

1. Download the font file to the U disk font folder

2. Insert the U disk to printer and wait 5 seconds and finished installing
Notice: please insert the U disk if you want to use the font that you downloaded

Add & edit content

Step 1: Click “Edit”

Step 2: Click “Add”

Step 3: Select what you want to input

Step 4: Click √ to ensure your input

Step 5: Click √ to ensure the text font and size

Step 6: Click “Print” to prepare to print

Step 7: Make sure you use the red sensor to contact the medium and move slowly

Step 8: Pull the button and move the printer
Add, edit, print text

1. Click “text” to input the contents

![Image of text input interface]

2. Click Switch case and then click √ confirm content

![Image of keyboard interface]

3. Set the print format

<table>
<thead>
<tr>
<th>setting font</th>
<th>setting style</th>
</tr>
</thead>
<tbody>
<tr>
<td>Font: Yahoo.ttf</td>
<td>Type: Vector font</td>
</tr>
<tr>
<td>Size: 12.7mm</td>
<td>Space: Vector font</td>
</tr>
</tbody>
</table>

4. Click √ bottom of screen to confirm the content

![Image of confirm button]
5. Click √ at the bottom of screen to confirm the format

6. Click “Print” to prepare printing

7. Point the printer nozzle to the paper pull the printing button and move printer to print

Add and edit QR code

1. Click “QR code” to input the contents
2. Click Switch case and then click √ confirm content

3. Click √ bottom of screen to confirm the content

4. Point the printer nozzle to the paper pull the printing button and move printer to print

Add and edit Bar code

1. Click “Barcode” to input the contents

2. Choose the rule of Barcode

3. Input content in String

4. Click √ bottom of screen to confirm the content
5. Edit the format of barcode

6. Click \( \sqrt{\text{Confirm}} \) at the bottom of the screen to confirm the format.

7. Point the printer nozzle to the paper, pull the printing button, and move the printer to print.

**landing the picture**

This machine only supports bmp, jpeg, png format images, with a maximum size of 4800*150 pixels, file name qualified by English characters and numbers.

1. Click “Picture” and choose the picture.

2. Click to confirm the print content.

3. Click “Print” to prepare printing.

4. Pull the button and move the printer.
Add and edit Date

1. Click “Time” to edit the time format

![Time Format](image)

2. Edit date format

<table>
<thead>
<tr>
<th>Setting Date</th>
<th>Setting time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date Format</td>
<td>Time Format</td>
</tr>
<tr>
<td>Y/M/D</td>
<td>M/H:S</td>
</tr>
<tr>
<td>M/D/Y</td>
<td>S/H:M</td>
</tr>
<tr>
<td>D/M/Y</td>
<td>M/H</td>
</tr>
<tr>
<td>Y-M-D</td>
<td>S/H</td>
</tr>
<tr>
<td>M-D-Y</td>
<td>H</td>
</tr>
</tbody>
</table>

3. Click “Font” to set date’s font type and graph

![Font Settings](image)

4. Click ✔ bottom of screen to confirm the content

5. Point the printer nozzle to the paper pull the printing button and move printer to print

Create an automatic increase serial number

1. Click “Number” to input number

2. Setting star name steps and end number
3. Setting font and type of number

4. Click √ bottom of screen to confirm the content

5. Point the printer nozzle to the paper pull the printing button and move printer to print

Mixed document editing and printing

Adding text, QR code, date mixing content
1. Enter text according to text input method, more detail link Add, edit, print text

2. Click √ right of screen to confirm the content, click button of screen to √ confirm format

3. Click Add, QR code, How to “Add & edit content”

4. finished as right
Management

file management

Management of files stored in the printer, including adding files, editing files, deleting files, and renaming.

Group print

Add a file group by ADD, move the order by up and down, and then directly print a set of files. The top file is printed first, then the next one is printed, and then it is continuously looped.

U-Disk flash
Handheld printer product manual

Device information

Machine

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Battery</th>
</tr>
</thead>
<tbody>
<tr>
<td>2019/12/02 10:09</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- Product model: GG-HH1001B
- Serial number: GB219030417
- Firmware version: 1.0.3.7G

Consumable

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Pint count</th>
</tr>
</thead>
<tbody>
<tr>
<td>2019/06/06 09:47:29</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- Printed counter: 1099
- Ink droplets: 20886

Note: the above information is for reference only.

Battery

Battery full needs 3Hours

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Battery Status</th>
<th>Charging</th>
<th>Power display</th>
<th>Charging times</th>
</tr>
</thead>
<tbody>
<tr>
<td>2019/06/06 09:47:57</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- Power remain: 100%
- Charge times: 1121
Which cartridge Work on my printer

What color I can chose

This machine is currently printing in monochrome. The color of the printer depends on the ink cartridge. What color is the ink cartridge, what color is printed? released model as below:

<table>
<thead>
<tr>
<th>Cartridge</th>
<th>Black</th>
<th>Cyan</th>
<th>Magenta</th>
<th>Yellow</th>
<th>Green</th>
<th>White</th>
<th>Invisible</th>
<th>...</th>
</tr>
</thead>
<tbody>
<tr>
<td>GA-001</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>○</td>
<td>○</td>
<td></td>
</tr>
<tr>
<td>GB-001</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td></td>
</tr>
</tbody>
</table>

● means released. ○ means haven’t ,

what kind of cartridge in my medium

GG consumable detail as below

<table>
<thead>
<tr>
<th>model</th>
<th>type</th>
<th>application</th>
</tr>
</thead>
<tbody>
<tr>
<td>GA001</td>
<td>Fast dry pigment</td>
<td>Paper/carton/wood</td>
</tr>
<tr>
<td>GB001</td>
<td>Fast dry solvent</td>
<td>Metal, plastic, silicone, glass, building materials, etc.</td>
</tr>
</tbody>
</table>

The final printing effect depends on the smoothness of the surface of the print media. The flatter the print, the better.

Which cartridge use in my printer

Which printer use with?

<table>
<thead>
<tr>
<th>G&amp;G 产品型号</th>
<th>GG-HH1001A</th>
<th>GG-HH1001B</th>
<th>GG-HH1001B plus</th>
</tr>
</thead>
<tbody>
<tr>
<td>GA-001BK</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
</tbody>
</table>

27 / 31
Handheld printer product manual

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Character</th>
<th>Contents</th>
<th>Quantity of prints</th>
</tr>
</thead>
<tbody>
<tr>
<td>GA-001C</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>GA-001M</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>GA-001Y</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>GA-001GREEN</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>GB-001BK</td>
<td>○</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>GB-001C</td>
<td>○</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>GB-001M</td>
<td>○</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>GB-001Y</td>
<td>○</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>GB-001GREEN</td>
<td>○</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>GB-001White</td>
<td>○</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>GB-001Invisible</td>
<td>○</td>
<td>●</td>
<td>●</td>
</tr>
</tbody>
</table>

Print capacity

<table>
<thead>
<tr>
<th>TYPE</th>
<th>Character height</th>
<th>Contents</th>
<th>Quantity of prints</th>
</tr>
</thead>
<tbody>
<tr>
<td>Small text</td>
<td>4.2mm</td>
<td>0123456789</td>
<td>2006316pcs (300dpi)</td>
</tr>
<tr>
<td>Big text</td>
<td>12.7mm</td>
<td>0123456789</td>
<td>400821pcs (300dpi)</td>
</tr>
</tbody>
</table>

Cartridge warranty

Consumables are fast-drying inks, no warranty is provided, and ink leakage in unopened products is a quality problem.
Handheld printer product manual

Notice

Please note that some places cannot be print

<table>
<thead>
<tr>
<th>耗材</th>
<th>Advantage</th>
<th>notice</th>
</tr>
</thead>
<tbody>
<tr>
<td>GA001</td>
<td>The printing content on certain printing media is not 100% scratch-resistant.</td>
<td>Cannot be printed on paper with a glossy coating</td>
</tr>
<tr>
<td>GB001</td>
<td>The printing content on certain printing media is not 100% scratch-resistant.</td>
<td>Washing products with alcohol, acetone or thinner can remove the contents printed by G&amp;G handheld inkjet printer.</td>
</tr>
</tbody>
</table>

Replace ink cartridge

G&G printer can replace ink cartridges when printer is power on

<table>
<thead>
<tr>
<th>Step 1: Shake the cartridge up and down</th>
<th>Step2: Open the protective cover</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1.jpg" alt="Image" /></td>
<td><img src="image2.jpg" alt="Image" /></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Step 3: Press the black button to open the cartridge cover</th>
<th>Step 4: The print head of the ink cartridge is facing down, press hard and click on the cartridge, and the cartridge is in place.</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image3.jpg" alt="Image" /></td>
<td><img src="image4.jpg" alt="Image" /></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Step5: Push down the cartridge cover</th>
<th>Step6: Checking the cartridge, don’t pull it out</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image5.jpg" alt="Image" /></td>
<td><img src="image6.jpg" alt="Image" /></td>
</tr>
</tbody>
</table>
FAQ

How to handle print defects

**Notice:** This machine belongs to the industrial small character printing, the ink uses quick-drying ink, and when it is used in a small amount, it should be changed to the protective cover as soon as possible after use.

1. Please do nozzle test if you find print blank, how to deal please follow nozzle test

   ![Nozzle Test Diagram]

2. Please do nozzle clean if you find print blank in up page, how to deal please follow nozzle clean

<table>
<thead>
<tr>
<th>Ok</th>
<th>NG</th>
</tr>
</thead>
<tbody>
<tr>
<td>![Nozzle Clean Symbols]</td>
<td>![Nozzle Clean Symbols]</td>
</tr>
</tbody>
</table>

3. ![Nozzle Clean Symbols] means ok, you can print

4. Please do nozzle wet and nozzle clean if ![Nozzle Clean Symbols] shows

5. If the above operation still cannot be solved, you need to use a dry paper towel to fold and protect the print head for cleaning.

6. The above steps 1-4 still can not be handled, the ink nozzle is immersed in pure water of about 50 degrees hot water about 3-5H, re-execution nozzle cleaning nozzle clean
Handheld printer product manual

Error code

Inkbox not installed

The ink cartridge is not suitable for installation. Please install the ink cartridge correctly. For details, please refer to the applicable consumables for machine consumables.

The inkbox error 06/05

The ink cartridge is not suitable for installation. Please install the ink cartridge correctly. For details, please refer to the applicable consumables for machine consumables.

Unrecognized QR code when “-” inside

Please changed the “–” in different type